

Department of Environmental Protection SOUTHWEST DISTRICT

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NEW WELL INSTALLATIONS
AND
GROUNDWATER MONITORING ANNUAL REPORTS
FOR THE
CITRUS COUNTY CENTRAL LANDFILL

PERMIT NO.S S009-187229 AND SF09-211030

for

Citrus County, Florida

### **COMMISSIONERS**

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by

### DEPARTMENT OF PUBLIC WORKS

### DIVISION OF SOLID WASTE MANAGEMENT

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October, 1994



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# NEW WELL INSTALLATIONS AND GROUNDWATER MONITORING ANNUAL REPORTS FOR THE CITRUS COUNTY CENTRAL LANDFILL

PERMIT NO.S S009-187229 AND SF09-211030

### NEW WELLS AND ABANDONED WELLS

During the past several months, six new groundwater monitoring wells (MW-4, MW-5, MW-6, MW-1(R)(abandoned), MW-1(R)(active) and MW-AA) were installed on these two sites and three were abandoned (MW-A, MW-1 and MW-1[R]). Attachment 1 is a surveyed drawing of the location of all wells included in the groundwater monitoring systems, including existing wells, new wells and abandoned wells. Attachment 2 is a table of well construction characteristics for all new wells, along with a diagram of each. Attachment 3 lists the required information on the abandoned wells. Attachment 4 consists of drillers logs and other information, if any, provided by the contractor.

All wells except MW-1(R) (active) have been sampled and analyses submitted to DEP. MW-1(R) was sampled for the first time in early October.

Several problems developed during construction of these wells. In addition to long delays in finishing the project and lack of delivery of paperwork, those most pertinent to Department concerns were: Wells 4, 5, and 6 continue to produce sediment after months of development using a wide variety of pumping equipment and bailers; the damage during redevelopment requiring subsequent abandonment of well 1; inability of the contractor to develop well 1(R)(abandoned), its contamination by pumping equipment and its subsequent abandonment; replacement of well 1(R)(abandoned) with 1(R)(active) with a longer screen section to offset the finer sand pack grain size and smaller screen slot size. This well was also left without being completely developed by the driller; the County has attempted bailing to improve performance. A different drilling firm will be retained to perform any additional required work.

### GROUNDWATER MONITORING SYSTEM EVALUATION

#### WATER LEVELS

Water levels were measured on a monthly basis in all wells at both sites for a year, June 1993 to May 1994, with the exception of October 1993, when an equipment malfunction prevented measurements. Additional measurements were made in July 1994. Measurements were made by County personnel for each event except July 1993, January and April 1994. Attachment 5 includes contour maps developed from each data set.

Groundwater flow is generally from east to west across the sites. The 6-foot groundwater elevation runs through the site consistently throughout the period. The maximum observed water level elevation was 7.39 feet in June 1993 at well 2 in the northeast corner of the active site. The minimum observed water level elevation was 2.07 feet in well A at the west side of the closed site in July 1993. This reading is questionable because the equipment used by the contract lab was interfered with by the dedicated pump which was in place at that time. The lowest reading we are confident is reliable was 4.29 feet in well C at the southwest corner of the closed site in January 1994. The maximum gradient observed during this period is about 1 foot vertical per 500 feet horizontal; the minimum is about 1 foot vertical per 3000 feet horizontal.

Comparison of observed water levels with maps prepared by the SWFWMD and USGS of regional Floridan aquifer levels shows that these are equivalent. Site specific hydrogeologic information confirms that the Floridan is essentially unconfined. First water occurs either in the interbedded sediments or limestone depending on the highly variable elevation of the top of limestone. None of the identified clayey units are continuous across the site. The annual fluctuation of water levels is extremely slight.

The addition of wells around the percolation ponds provided more detail to the central section along the boundary between sites. Data from July 1994 show that the water table elevation in this area is about two feet above that in wells 1-R and B. Normal rules of contouring illustrate a mound extending across a large section of the active site. Because of the lack of data points in the middle of the active site it is unknown whether this is a true depiction of this mound.

The existing wells intercept the top of the water table (unconfined Floridan aquifer) and thus are appropriate depth to monitor the site. The location of wells relative to groundwater flow direction is also appropriate and designations as to background (upgradient) and compliance (downgradient) are likewise accurate.

#### WELL CONSTRUCTION AND SAMPLING

The construction of wells with sand pack and screen, if finished in sediment or incompetent limestone, or open hole, if finished in competent limestone, is adequate. However, the nature of the sediments is such that development of the wells is difficult and time consuming and rarely successful. The consequences are that very little water is produced and that which is produced is very turbid.

For example, well 1-R which was purged one day and sampled the next, did not produce sufficient water in one day to complete the required initial analysis (Primary and Secondary Drinking Water Standards). Development of wells 4, 5, and 6 to their present condition involved twice or three times daily bailing for a two month period. These wells, plus wells B and 3 are still regularly bailed dry within less than an hour; full recharge takes longer than eight hours.

All wells which are part of these monitoring systems have high turbidity, 3, 4, 5, 6, AA and 1-R have turbidity levels hundreds of times the standard. The first sample from wells 4, 5, and 6, were so turbid that the lab could not perform the tests for asbestos. An experiment was performed with filtered and unfiltered samples from these three wells to determine whether the metals content was affected by the turbidity. Attachment 6 includes a comparison data set for filtered and unfiltered samples from these wells. The levels of barium, chromium, lead, mercury, aluminum, iron, manganese and zinc were decreased by filtration of the samples. The concentration of lead, aluminum and iron which were in some instances above standards in the unfiltered samples were reduced to levels which were acceptable in the filtered samples.

Citrus County hereby requests permission to have our contracted laboratory field-filter all groundwater samples which are to be analyzed for metals. They, Orlando Laboratories, Inc., would follow the procedures outlined in their quality assurance plan, which was approved August 5, 1994 or updated versions as may be in effect during the course of their contract with the County.

### WATER QUALITY TRENDS

Attachment 6 lists the water quality data collected from wells on the site for this year. Turbidity, which was discussed above, color, and iron, are parameters of non-compliance in essentially all wells each time they are sampled. We feel this is due to naturally occuring sediment conditions in the sampling zone.

Because of changes in the permit, Primary and Secondary Drinking Water Standards analyses performed in July 1993 were not repeated in July 1994 for the closed 60-acre site wells. Therefore, trend analysis is impossible for many parameters.

The exceedences of standards in the 1993 data, other than the above, included odor in wells A, C, D, and 1. Wells A and 1 have since been replaced. Aluminum exceeded standards in B and 1 and was probably due to stripping of clay minerals by acidification of the samples. Manganese exceeded standards in wells A and D. Well A showed elevated concentrations of benzene. Leaks in the casing, observed on video, were thought to be the cause of this contamination and the well was replaced.

Analyses in October 1993 and January 1994 confirmed contamination by organics (benzene and vinyl chloride) in Well A. The persistence of these parameters in the replacement well has triggered assessment monitoring in that well and in a proposed new well downgradient. Other noncompliant parameters in A included low pH in October, and lead and total solids exceeding standards in January.

Lead and chromium were detected in Well 1 in October and January. This well was later destroyed and has been replaced. No data has been received from the replacement well as yet.

Well B has consistently low pH values during quarterly sampling events this year, a change from the July 1993 values. Well 2 had slightly low pH values in the April and July sample sets.

The initial sampling of Wells 4, 5, and 6 located near the leachate effluent disposal ponds and close to the closed and unlined 60-acre site revealed that pH is low in Well 4, and nitrate, one constituent of the treated effluent is above the standard in well 6. All of these wells show the presence of three or more organic compounds including representatives of the trihalomethanes, volatiles and base neutral groups. Since these compounds are not characteristic of treated leachate, it is felt that the most likely source for the organics is the unlined closed 60-acre landfill which is adjacent to the perc ponds. Permitting for Phase 2 of the active landfill will take into account these water quality trends and site use will be modified to reduce the impact.

ATTACHMENT 1
SURVEYED LOCATION MAP

D.E.

1994

1027946

REVISION DATE: MARCH 22,1994 ADD MONITOR WELLS No. AA, 4, 5 & 6 FIELD DATE: JUNE 15, 1994 REVISION DATE: JUNE 16,1994

DELETE MONITOR WELL No. 1, ADD MONITOR WELL No. R-1 CHANGE MONITOR WELL No. 4 TO MONITOR WELL No. 5 CHANGE MONITOR WELL No. 5 TO MONITOR WELL No. 6 CHANGE MONITOR WELL No. 6 TO MONITOR WELL No. 4

FIELD DATE: SEPTEMBER 29,1994 REVISION DATE: SEPTEMBER 30,1994

DELETE MONITOR WELL R-1 ABANONED, ADD MONITOR WELL R-1 ACTIVE

DESCRIPTIONS AS FURNISHED

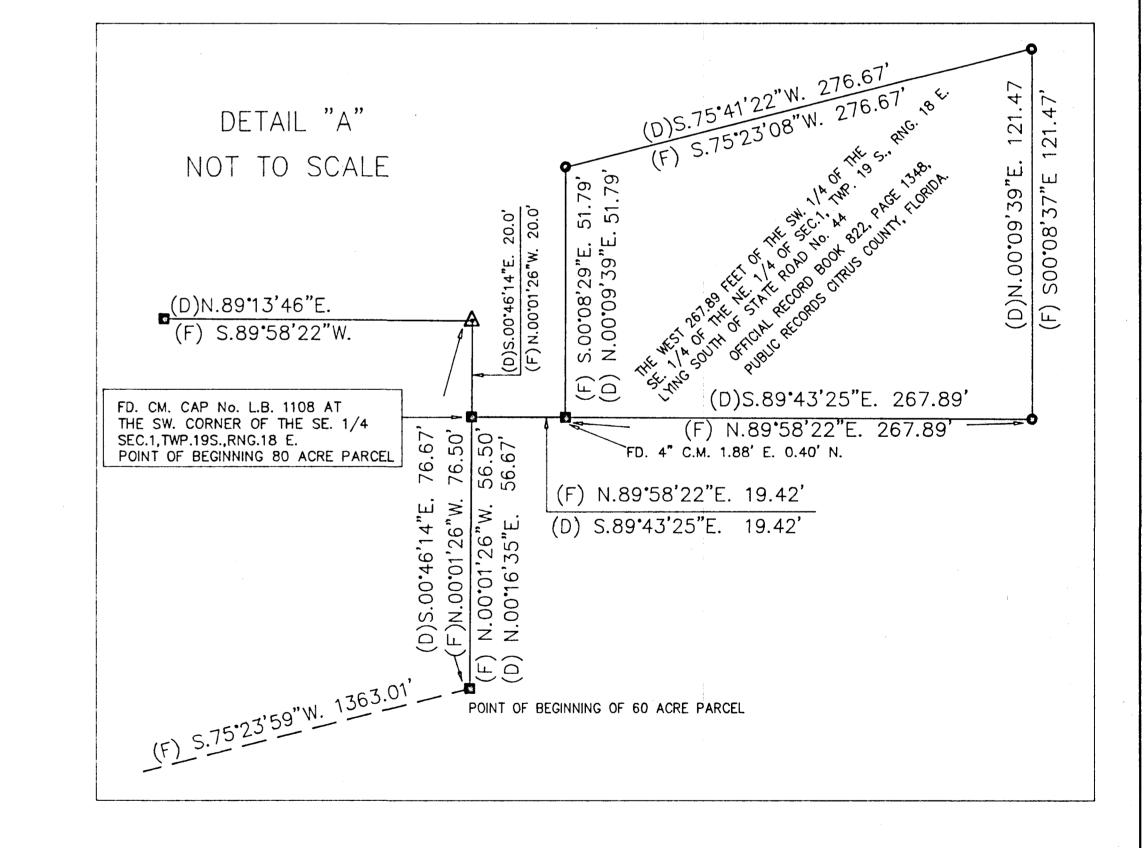
THE WEST 267,89 FEET OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 1, TOWHSHIP 19 SOUTH, RANGE 18 EAST LYING SOUTH OF STATE ROAD No. 44, CITRUS COUNTY, FLORIDA. AS RECORDED IN OFFICIAL RECORD BOOK 822, PAGE 1348, PUBLIC RECORDS CITRUS COUNTY, FLORIDA.

A PORTION OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 18 EAST, CITRUS COUNTY, FLORIDA DESCRIBED AS FOLLOWS: COMMENCE AT THE SOUTHWEST CORNER OF LOT 9, BLOCK A, NEW MAYFIELD ACRES, AS RECORDED IN PLAT BOOK 2, PAGE 42, PUBLIC RECORDS OF CITRUS COUNTY, FLORIDA, THENCE S.89°43'25"E AN AN EASTERLY PROJECTION OF THE SOUTH LINE OF SAID LOT 9, BLOCK A, A DISTANCE OF 640.22 FEET, THENCE S.0076'35"W 20.00 FEET TO THE POINT OF BEGINNING, SAID POINT BEING ON THE NORTH LINE OF THE SE 1/4 OF SAID SECTION 1, THENCE CONTINUE S00'16'35"W 2630.05 FEET, THENCE S 89'43'25" E PARALLEL TO SAID NORTH LINE A DISTANCE OF 1325.00 FEET. THENCE N 0016'35" E 2630.05 FEET TO A POINT ON SAID NORTH LINE. THENCE N 89'43'25" W ALONG SAID NORTH LINE A DISTANCE OF 1325.00 FEET TO THE POINT OF BEGINNING. CONTAINING 80 ACRES MORE

A PORTION OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 18 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SOUTHWEST CORNER OF LOT 9, BLOCK A, NEW MAYFIELD ACRES AS RECORDED IN PLAT BOOK 2, PAGE 42, PUBLIC RECORDS OF CITRUS COUNTY, FLORIDA, THENCE N 89"3'46" E ON AN EASTERLY PROJECTION OF THE SOUTH LINE OF SAID LOT 9, BLOCK A A DISTANCE OF 640.22 FEET, THENCE S 00'46'14" E A DISTANCE OF 76.67 FEET TO A POINT THAT IS 150 FEET FROM, MEASURED AT A RIGHT ANGLES TO, THE CENTERLINE OF STATE ROAD No. 44. SAID POINT ALSO BEING THE POINT OF BEGINNING, THENCE CONTINUE S 00'46'14" E A DISTANCE OF 2151.70 FEET, THENCE S 89"13'46" W A DISTANCE OF 1320.00 FEET, THENCE N 00'46'14" W A DISTANCE OF 1808.78 FEET TO A POINT 150 FEET FROM, MEASURED AT A RIGHT ANGLE TO, THE CENTERLINE OF SAID STATE ROAD No. 44. THENCE N 74'40'03" E, PARALLEL TO AND 150 FEET FROM THE CENTERLINE OF STATE ROAD No. 44 A DISTANCE OF 1363.81 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS OVER THE FOLLOWING DESCRIBED LANDS: COMMENCE AT THE SOUTHWEST CORNER OF LOT 9. BLOCK A. NEW MAYFIELD ACRES. AS RECORDED IN PLAT BOOK 2. PAGE 42. PUBLIC RECORDS OF CITRUS COUNTY. FLORIDA, THENCE N 8973'46" E ON AN EASTERLY PROJECTION OF THE SOUTH LINE OF SAID LOT 9. BLOCK A. A DISTANCE OF 640.22 FEET. THENCE S 00°46'14" E A DISTANCE OF 76.67 FEET TO A POINT THAT IS 150 FEET FROM. MEASURED AT A RIGHT ANGLE TO, THE CENTERLINE OF STATE ROAD No. 44, SAID POINT ALSO BEING THE POINT OF BEGINNING, THENCE S 74'40'03" W PARALLEL TO AND 150 FEET FROM THE CENTERLINE OF STATE ROAD No. 44, A DISTANCE OF 1363.81 FEET, THENCE N 00'46'14" W A DISTANCE OF 101.33 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD No. 44, THENCE N 74'40'03" E ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 1265.77 FEET, THENCE N 8913'46" E A DISTANCE OF 94.90 FEET, THENCE S 0046'14" E A DISTANCE OF 76.67 FEET TO THE POINT OF BEGINNING.

| MONITOR WELL No.      | X COORDINATE | Y COORDINATE | LATITUDE           | LONGITUDE                                    | ELEVATION TOP OF WELL CASING |
|-----------------------|--------------|--------------|--------------------|--|------------------------------|
| A ABANDONED 3-22-94   | 514359,520   | 1642944,584  | 82°26′34.75084″ W. | 28 <b>·</b> 51 <b>'</b> 09.22641" N.         | 105.32'                      |
| B ACTIVE              | 515703.188   | 1641952.201  | 82°26′19.59919″ W. | 28'50'59.45064" N.                           | 111.94                       |
| C ACTIVE              | 514397.562   | 1642247.058  | 82°26'34.29378" W. | 28 <b>'</b> 51'02.32191" N.                  | 115.18'                      |
| D ACTIVE              | 514472.380   | 1643753.584  | 82°26′33.51558″ W. | 28 <b>*</b> 51 <b>*</b> 17.24014 <b>*</b> N. | 109.77                       |
| R-1 ABANDONED 9-26-94 | 515746.387   | 1644088.835  | 82°26'19.20218" W. | 28°51'20.60614" N.                           | 118.25'                      |
| 2 ACTIVE              | 517016.947   | 1644134.0121 | 82°26'04.91534" W. | 28'51'21.09969" N.                           | 136.29'                      |
| 3 ACTIVE              | 517026.689   | 1641528,493  | 82°26'04.69852" W. | 28°50′55.30387″ N.                           | 120.47'                      |
| AA ACTIVE             | 514330.1915  | 1642944.6946 | 82°26'35.08066" W. | 28°51'09.22643" N.                           | 106.11                       |
| 5 ACTIVE              | 515706.7199  | 1643027.5870 | 82°26′19.60416″ W. | 28°51′10.09772″ N.                           | 121.14                       |
| 6 ACTIVE              | 515710.8712  | 1642921.8127 | 82°26′19.55309″ W. | 28°51'09.05065" N.                           | 118.48                       |
| 4 ACTIVE              | 515787.5197  | 1642987.2443 | 82°26′18.69384″ W. | 28 <b>*</b> 51 <b>'</b> 09.70125" N.         | 122.62                       |
| R-1 ACTIVE            | 515734.4675  | 1644075.0314 | 82°26′19.33566″ W. | 28'51'20.46904" N.                           | 118.08                       |
| 1 ABANDONED 2-09-94   | 515745.434   | 1644077.441  | 82°26′19.21242″ W. | 28°51'20.49330" N.                           | 117.57                       |
|                       |              |              |                    |  |                              |



WITHLACOOCHEE STATE FOREST

FIELD DATE: MARCH 14,1994

Scale: 1"= 200' Sheet No. 1 OF 1 Field Date: JUNE 16, 199 Field Book: 8-B 8-C Pages: 14-18 1-2

SEC. 1 TWP. 19S RNG. 18E III FOUND 4"X4" CONCRETE MONUMENT SET 4"X4" CONCRETE MONUMENT COUNTY CAP ELVEVATION DESCRIPTIVE POINT FOUND IRON ROD

Proj. No. 89-615

Drawn by: P.L.H.

A BOUNDARY SURVEY FOR CITRUS COUNTY, FLORIDA OF PROPERTY IN THE SOUTHEAST 1/4 OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 18 EAST, CITRUS COUNTY! FLORIDA

Citrus County Department of Technical Services Division of Engineering

P.O. BOX 440 Lecanto, FL. 34461

Phone: (904)746-2694

I hereby certify that the herein sescribed land survey and plat are true and correct and ses prepared singler, my direction and supervision and conformanto the minimum technical standards set forth by the Florids Board is those speal, Land Surveyors in Chapter 67617—by Florida Administrative Code, pursuant to Section 472027, Florida Scatutes.

Patrick L. Henson Florida Registered Surveyor's Not 4547
Not vaild without an original signature and seal.

6. THERE ARE INTERAL IMPROVEMENTS THAT WAS NOT LOCATED BY THIS SURVEY. 7. BEARINGS AND DISTANCES SHOWN HEREON ARE MEASURED AND BASED ON THE STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 UNLESS OTHERWISE SHOWN, THE NORTH BOUNDARY OF THE SOUTHEAST 1/4 OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 18 EAST, BEING N. 89'58'22" E.

4. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION THIS MUST BE CONSIDERED WHEN OBTAINING SCALE DATA.

1. THIS SURVEY IS OF VISIBLE SURFACE FEATURES ONLY, UNDERGROUND ENCROACHMENTS, IF ANY, WERE NOT LOCATED.

3. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR DEED EASEMENTS OR RIGHTS-OF-WAY OF RECORD.

2. THIS SURVEY IS BASED ON EXISTING MONUMENTATION FOUND IN PLACE, RECORDS OF WHICH ARE MAINTAINED IN THIS OFFICE.

5. RÉFERENCE BENCHMARK, FLORIDA DEPARTMENT OF TRANSPORTATION BENCHMARK No. 54, ELEVATION 115.05' N.G.V.D. 1929

O SET 5/8" DIA. IRON ROD COUNTY CAP TO, = POWER POLE - GUY POLE

FOUND IRON ROD SET 4"X4" CONCRETE MONUMENT

P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
P.O.C. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
P.O.C. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
P.O.C O.R.B. = OFFICIAL RECORD BOOK C/S = CONCRETE SLAB

### ATTACHMENT 2

TABLE OF WELL CONSTRUCTION CHARACTERISTICS

### ATTACHMENT 2 NEW MONITORING WELL DATA

WELL IDENTIFICATION
LATITUDE/LONGITUDE
AQUIFER MONITORED
SCREEN TYPE & SLOT SIZE
SCREEN LENGTH
ELEVATION, TOP OF CASING
ELEVATION, LAND SURFACE
DRILLER'S LOG AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
CASING TYPE AND LENGTH
SWFWMD PERMIT #
LANDFILL PERMIT #

WELL IDENTIFICATION
LATITUDE/LONGITUDE
AQUIFER MONITORED
SCREEN TYPE & SLOT SIZE
SCREEN LENGTH
ELEVATION, TOP OF CASING
ELEVATION, LAND SURFACE
DRILLER'S LOG AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
CASING TYPE AND LENGTH
SWFWMD PERMIT #
LANDFILL PERMIT #

WELL IDENTIFICATION
LATITUDE/LONGITUDE
AQUIFER MONITORED
SCREEN TYPE & SLOT SIZE
SCREEN LENGTH
ELEVATION, TOP OF CASING
ELEVATION, LAND SURFACE
DRILLER'S LOG AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
CASING TYPE AND LENGTH
SWFWMD PERMIT #
LANDFILL PERMIT #

MW-4, perc pond upgradient
28° 51'09.70"N/82° 26'18.69"W
Floridan
Schedule 40 PVC, 10 slot
10 feet
122.62 feet
121.4 feet
yes, see Attachment 4
124.50 feet below TOC
2 inches
Schedule 40 PVC, threaded, 110 feet
548067-03
SO-09187229

MW-5, perc pond compliance
28°51'10.10"N/82°26'19.60"W
Floridan
Schedule 40 PVC, 10 slot
10 feet
121.14 feet
118.6 feet
yes, see Attachment 4 (MW5 & MW6)
121.58 feet below TOC
2 inches
Schedule 40 PVC, threaded, 110 feet
548067-02 (Note: same as MW-6)
S009-187229

MW-6, perc pond compliance
28 ° 51'09.05"N/82 ° 26'19.55"W
Floridan
Schedule 40 PVC, 10 slot
10 feet
118.48 feet
115.8 feet
yes, see Attachment 4 (MW5 & MW6)
122.83 feet below TOC
2 inches
Schedule 40 PVC, threaded, 110 feet
548067-02 (Note: same as MW-5)
S009-187229

WELL IDENTIFICATION
LATITUDE/LONGITUDE
AQUIFER MONITORED
SCREEN TYPE & SLOT SIZE
SCREEN LENGTH
ELEVATION, TOP OF CASING
ELEVATION, LAND SURFACE
DRILLER'S LOG AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
CASING TYPE AND LENGTH
SWFWMD PERMIT #
LANDFILL PERMIT #

WELL IDENTIFICATION
LATITUDE/LONGITUDE
AQUIFER MONITORED
SCREEN TYPE & SLOT SIZE
SCREEN LENGTH
ELEVATION, TOP OF CASING
ELEVATION, LAND SURFACE
DRILLER'S LOG AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
CASING TYPE AND LENGTH
SWFWMD PERMIT #
LANDFILL PERMIT #

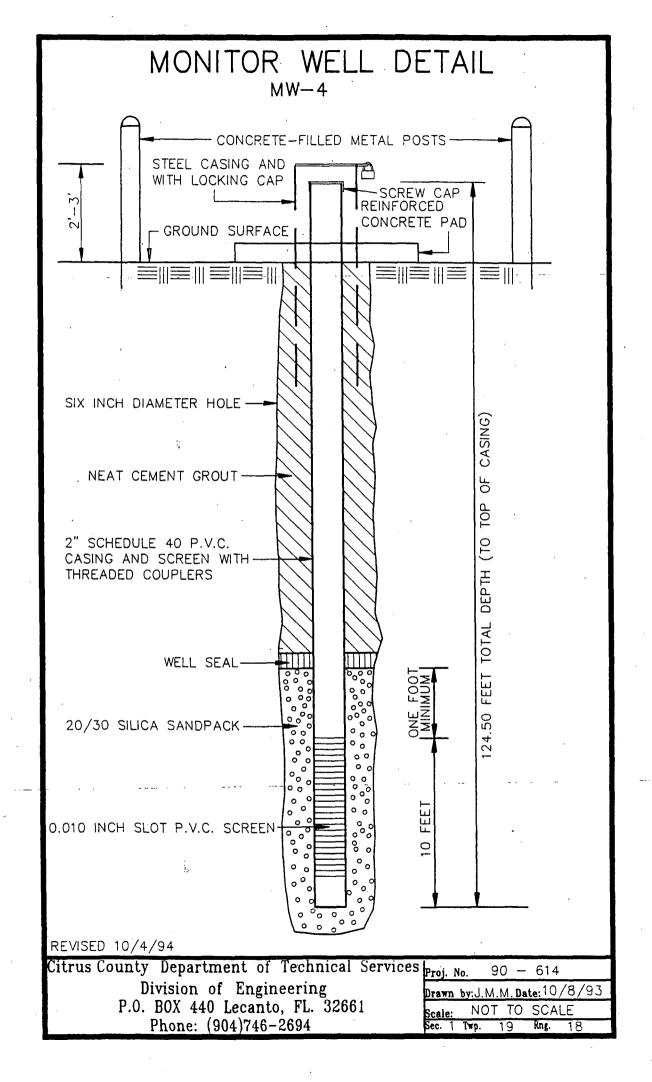
MW1-R(x) Note: abandoned before use 28°51'20.60"N/82°26'19.20"W
NA
Schedule 40 PVC, 10 slot
10 feet
118.25 feet
115.5 feet
See note below
121 feet
2 inches
Schedule 40 PVC, about 120 feet
550667-01
S009-187229 & SF09-211030

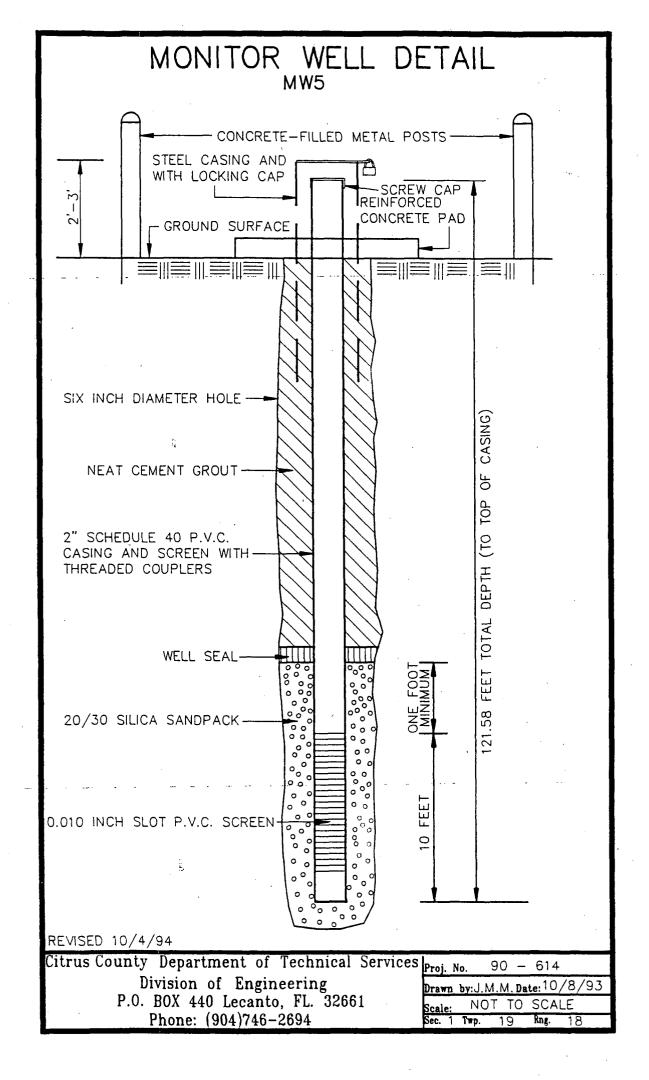
MW-1(R), Compliance and Background 28°51′20.47″N/82°26′19.34″W Floridan Schedule 40 PVC, 6 slot 20 feet 118.08 feet 115.3 feet No, see note below 126.0 feet below TOC 2 inches Schedule 40 PVC, threaded, 106 feet unknown, see note below 5009-187229 & SF09-211030

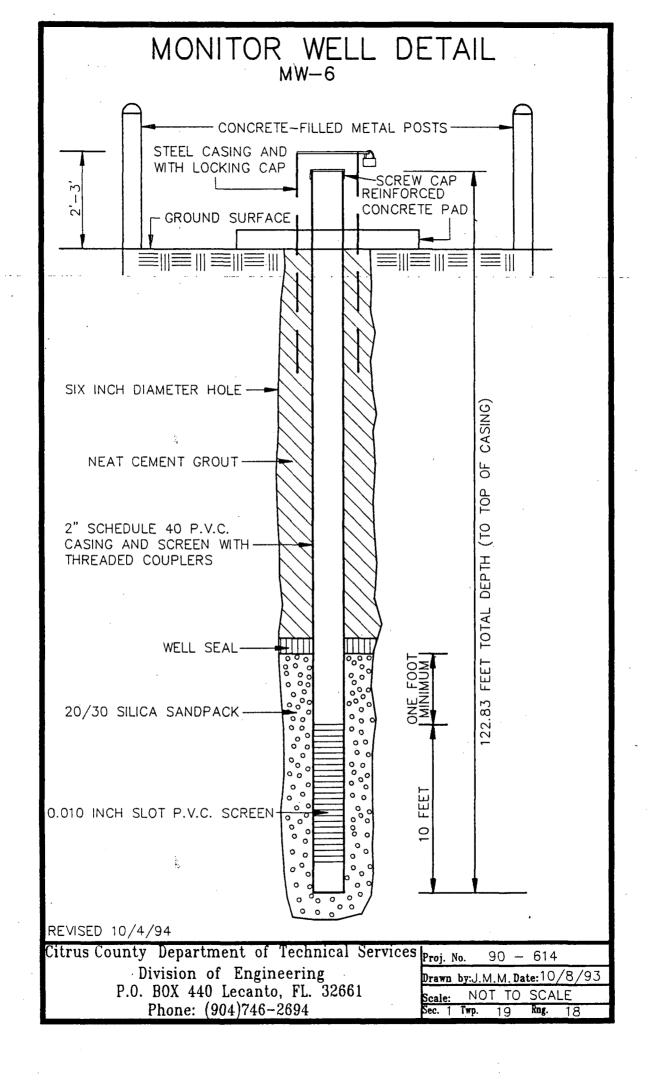
\*SWFWMD well construction permit dated 4/8/94, #550667-01, is the correct time frame for well MW1-R(x), the well completion report/drillers log with this permit number apparently describes the first replacement well (MW1-R(x) with 10 feet of screen but carries the completion date (9/94) for the second replacement well. The abandonment permit and report indicates a different well depth than these documents (127 vs 121 feet) for the first replacement well. No other paperwork was received from the driller, despite repeated requests.

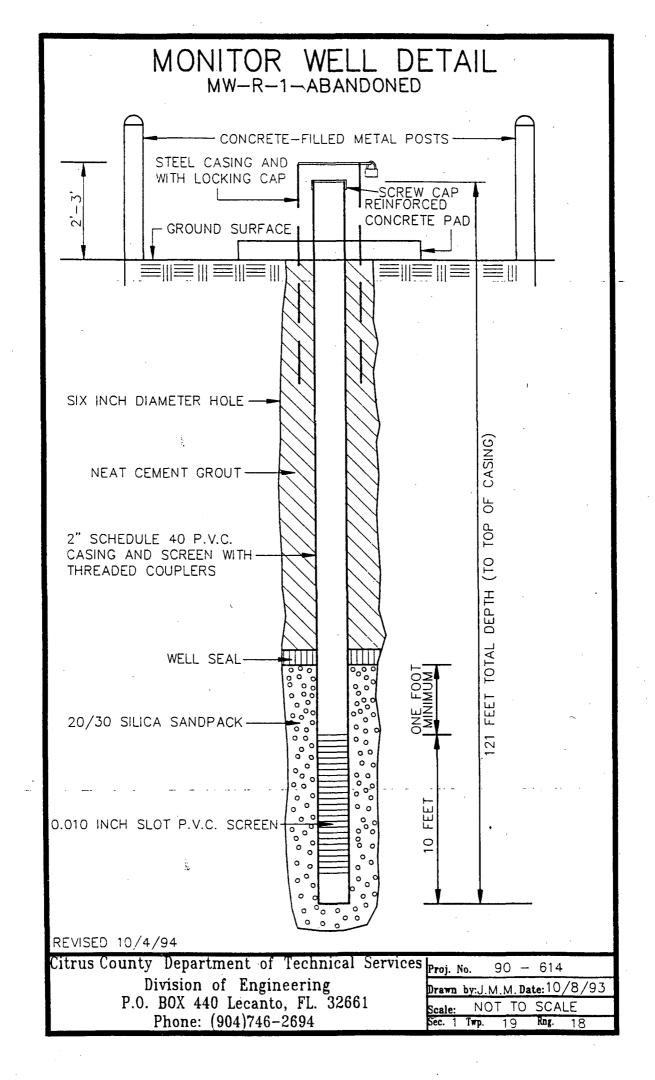
WELL IDENTIFICATION
LATITUDE/LONGITUDE
AQUIFER MONITORED
SCREEN TYPE & SLOT SIZE
SCREEN LENGTH
ELEVATION, TOP OF CASING
ELEVATION, LAND SURFACE
DRILLER'S LOG AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
CASING TYPE AND LENGTH
SWFWMD PERMIT #
LANDFILL PERMIT #

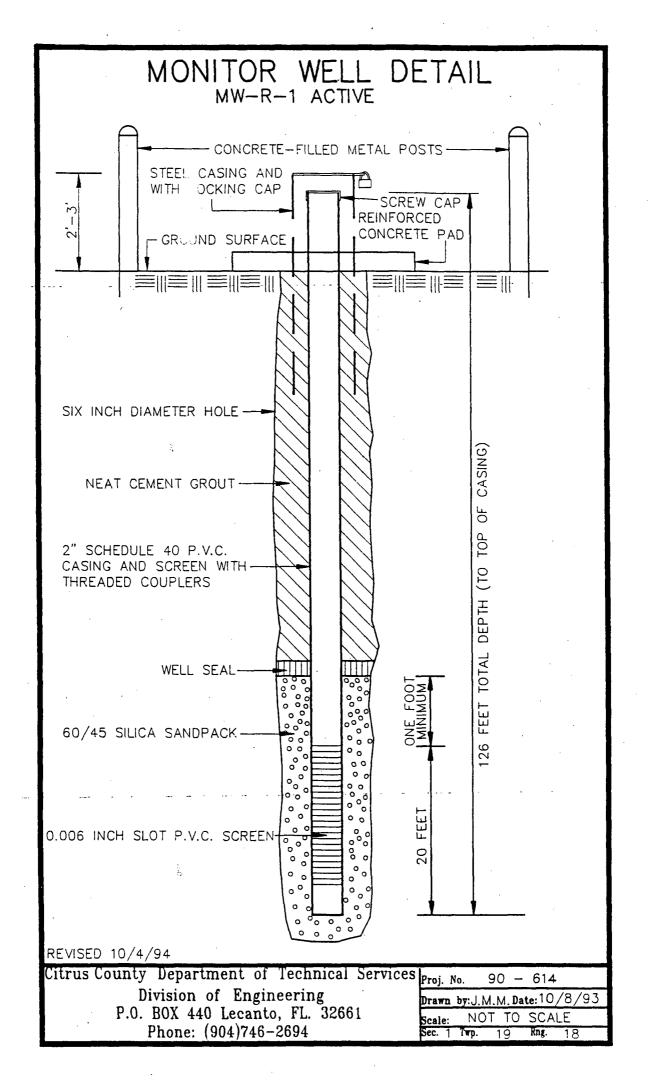
MW-AA, Compliance
28 ° 51'09.23"N/82 ° 26'35.08"W
Floridan
Schedule 40 PVC, 10 slot
10 feet
106.11 feet
104.7 feet
yes, see Attachment 4
116.42 feet below TOC
2 inches
Schedule 40 PVC, 103 feet
548067-01
SF09-211030

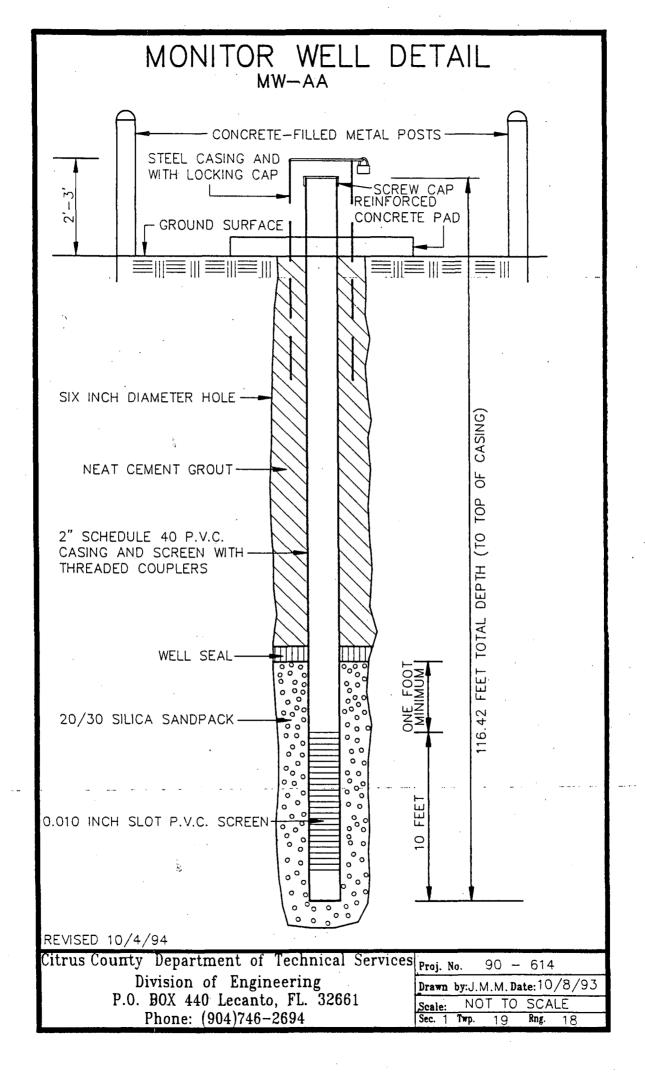












ATTACHMENT 3

REQUIRED INFORMATION ON ABANDONED WELLS

### ATTACHMENT 3 ABANDONED MONITORING WELL DATA

WELL IDENTIFICATION
LATITUDE/LONGITUDE
DRILLERS REPORT AVAILABLE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
SWFWMD ABANDONMENT PERMIT #
LANDFILL PERMIT #

WELL IDENTIFICATION
LATITUDE/LONGITUDE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
SWFWMD ABANDONMENT PERMIT #
LANDFILL PERMIT #

WELL IDENTIFICATION
LATITUDE/LONGITUDE
TOTAL DEPTH OF THE WELL
CASING DIAMETER
SWFWMD ABANDONMENT PERMIT #
LANDFILL PERMIT #

MW-A 28 °51'09.23"N/82° 26'34.75"W Yes, see Attachment 4 138 feet 4 inches 548066.01 SF09-211030

MW-1 28°51'20.49"N/82°26'19.21"W 128 feet 2 inches None provided by driller SO09-187229 & SF09-211030

MW-1(R)x 28°51'20.61"N/82°26'19.20"W 121 feet 2 inches Temp. 0301771 S009-187229 & SF09-211030 ATTACHMENT 4

DRILLERS LOGS

Form No. 25-18-9/92

| Please complete in black ink or type  /ELL COMPLETION REPORT  Owner's Name Citars Count  Permit Number 548957-0  Water Well Contractor's Signature  License No. 9053 | Completion Date  | Measured Sta<br>Measured Pur<br>After Ho<br>Measuring Pt. | Cable Tool [] Jet [] Auger OtherF lic Water Level+F lic Water Level+   |
|--|--|---|--|
| URFACE CASING, CASING AND  | INED MATERIAL.   | Depth   | Examine cutting at 20ft. or smaller intervals  |
| Types Diam. (In.)  | From (Ft.) To (Ft.)                                      | (Ft.)   | and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary. |
| 70.2.  | + 2' 103'  | 0   | Tax F: So.   |
|  |  | 26  | ORG. +6831. Fi. Cl Sa  |
| Neat Cement: No. of Bags   | From (Ft.) To (Ft.)                                      | 90  |  |
| 18   | 0 98   | 115   | ORG. 5: CL,  |
|  |  | 115   | WHT. S. Paraly Comenter  |
| IRON:ppm -SULFATE:ppm<br>EINISH: Screen: // (-918) (Ft.) Ope   | CHLORIDES:ppm<br>en Hole:(Ft.)                           | 130   | SA. W/ TRAC L.S. Fagi  |
| WELL LOCATION: Otr: N-W Otr: S-E Sec: 1  | County <u>CitRU</u><br>Twp: <u>18-5</u> Rge: <u>18-E</u> |   |  |
| WELL USE Public Irrigation omestic Monitor (LAMP)  | 17-524<br>Other  |   | information provided in this report is accurate and true.  |

| 🗗 Rota        | ıry []                         | Cable Tool [ ] Jet_ [ ] Auger Other  |  |  |  |  |  |
|---------------|--------------------------------|--|--|--|--|--|--|
| Measur        | ed Stat                        | ic Water Level+Ft  |  |  |  |  |  |
| Measur        | Measured Pumping Water Level+F |  |  |  |  |  |  |
| After         | Ho                             | urs At G.P.M.  |  |  |  |  |  |
| Measur        | ina Pt.                        | (Describe): L.S.   |  |  |  |  |  |
| Which i       | sຶ/ <i>O</i>                   | Ft. [] Above   Below Land Surface  |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |
|               |                                | Everying outling at 20th or amplify intervals  |  |  |  |  |  |
|               | pth                            | Examine cutting at 20ft, or smaller intervals<br>and at changes. Give color, grain-size and type |  |  |  |  |  |
| (             | t.)                            | of material. Note any cavities. Indicate producing   |  |  |  |  |  |
| From          | То                             | zones. Attach additional sheets if necessary.  |  |  |  |  |  |
| $\mathcal{D}$ |                                | Tax Fi Sa.   |  |  |  |  |  |
|               | 20                             |  |  |  |  |  |  |
| 26            | ·                              | ORC. +6 PSI. Fi. C/ Sa   |  |  |  |  |  |
|               | 90                             |  |  |  |  |  |  |
| 9             |                                | ORG. 5: CL,  |  |  |  |  |  |
|               | 115                            |  |  |  |  |  |  |
| 115           |                                | SA. W/ TRAC LS. Fags   |  |  |  |  |  |
|               | 130                            | SA. W/ TRANG L.S. FARS   |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |
|               |                                |  |  |  |  |  |  |

| ease complete in black in FELL COMPLETION FOR Owner's Name CARACTER STATE OF SIGNATURE Water Well Contractor's Signature License No. | REPORT<br>CCUUTYU<br>17-9-3 | 4                                       | Z-FV            | DR<br>[A] I<br>Mea<br>Mea<br>Afte<br>Mea<br>Wh |
|--|-----------------------------|---|-----------------|--|
| License IVO.   |                             |   |                 |  |
| SURFACE CASING, CA   | ASING AND L                 | INER MATE                               | RIAL:           |  |
| Types  | Diam. (In.)                 | From (Ft.)                              | To (Ft.)        | -  |
| CH40 NC  | 251                         | 0                                       | 110             | 90<br>90                                       |
| Neat Cement: No. of Bag  |                             | Erom (Et.)                              | To (51)         | 80   |
| Near Cement: No. or Bag  | 18                          | From (Ft.)                              | To (Ft.)        |  |
| IRON:ppm SULFA   | TE:ppm<br>(Ft.) Ope         | CHLORIDES:<br>n Hole:                   | ppm<br>(Ft.)    |  |
| WELL LOCATION:<br>Otr: <u>WW</u> Otr: <u>SE</u>  | Sec:_/T                     | ounty <u>C /T/</u><br>wp: <u>/8 S</u> R | 105<br>ge: 18 E |  |
| WELL USE Sublic pmestic  | Irrigation<br>Monitor       | 17-<br>_ Oth                            | 524             | / ce   |

| Measur<br>Measur      | ry []<br>ed Stat<br>ed Pun | Cable Tool [ ] Jet [ ] Auger Other   |
|-----------------------|----------------------------|--|
| After<br>Measur       | Ho<br>ing Pt.              | urs AtG.P.M. (Describe):Ft. [Y.Above [ ] Below Land Surface  |
| vvnicn i              | s                          | 3 Ft. (V) Above [ ] Below Land Surface   |
| De <sub>l</sub><br>(F | pth<br>t.)                 | Examine cutting at 20ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing |
| From                  | То                         | zones. Attach additional sheets if necessary.  |
| 0                     | 40                         | TAN FINE SAND  |
| 40                    | 80                         | GTAN CAYSAND<br>CHTAN FINESAND   |
| 80                    | 130                        | CTTAN FINESAND   |
| <u></u>               |                            |  |
|                       |                            |  |
|                       |                            |  |
|                       |                            |  |
| <del></del>           |                            |  |
| -                     |                            |  |
| 1                     |                            | `  |
|                       |                            |  |
|                       |                            |  |
|                       |                            |  |
|                       |                            | information provided in this report is accurate and true.  |

| Permit Number 548  CAULL  Water Wall Contractor's Signature  License No. |                        | Cai                              | 2-94<br>opleton Date |   |
|--|------------------------|----------------------------------|----------------------|---|
| URFACE CASING, C   |                        |                                  |                      |   |
| Types  |                        | From (Ft.)                       |                      |   |
| SH 40 FVC  | 2"                     | <i>C</i>                         | 110                  |   |
| l)<br>उ  |                        |                                  |                      |   |
|  | ļ                      |                                  |                      |   |
|  |                        |                                  |                      |   |
| Neat Cement: No. of Ba   | gs                     | From (Ft.)                       |                      |   |
|  | 18                     | C                                | 108                  |   |
|  |                        |                                  | <u> </u>             |   |
| ON:ppm SULF/<br>NISH: Screen:/.0   | ATE:ppm<br>(Ft.) Ope   | CHLORIDES:<br>n Hole:            | ppm<br>(Ft.          |   |
| VELL LOCATION:   | Sec: _ / T             | ounty (/ <i>TKC</i><br>wp: /85 R | /S<br>ge: /&&        | , |
| VELL USE Public  | rrigation<br>Monitor_x |                                  | 524                  |   |

| DRILL MET                    | HOD   |
|------------------------------|---|
| [X]*Rotary [<br>Measured Sta | Cable Tool     Jet     Auger OtherFatic Water Level ///2 +F |
| Measured Pur                 | mping Water Level   |
| Measuring Pt.                | ours At G.P.M.<br>. (Describe): <i>TU</i>                   |
| Which is                     | Ft. MAbove [   Below Land Surface                           |
| Depth .                      | Examine cutting at 20ft, or smaller intervals               |

| Depth<br>(Ft.) |     | Examine cutting at 20ft, or smaller intervals<br>and at changes. Give color, grain-size and type<br>of material. Note any cavities. Indicate producing |
|----------------|-----|--|
| From           | То  | zones. Attach additional sheets if necessary.  |
| i)             | 30  | TANCLAYSAND<br>LANGACLAY<br>TAN SICITSAND  |
| 30             | 70  | C+ TANGSIA CLAY  |
| 70             | 100 | TAN SICIT SAND   |
| K'C'           | 170 | TAN FAND   |
|                |     | ·  |
|                |     |  |
|                |     | AUCICS THE SAINE   |
|                | ,   |  |
|                |     |  |
|                |     |  |
|                |     |  |
|                |     |  |
|                |     |  |
|                |     |  |

certify that the information provided in this report is accurate and true. Driller's Name: こるたいのと

| WELL COMPLETION REPORT (Please complete in black ink or ty   | /pe.) Form 25-18 Rev. 4/   |
|--|--|
| PERMIT NUMBER 550667-0/ WATER WELL CONTRACTOR'S J SIGNATURE WILLIAM SIGNATURE  | OWNER'S NAME CITRUS COUNTY LAND FILL LICENSE # 905 3  DRILL METHOD [X] Rotary [ ] Cable Tool [ ] Combination                                 |
| COMPLETION DATE 9-94  WELL USE: Public Irrigation 17-524 Domestic  | [ ] Jet [ ] Auger Other  |
| Neat Cement: No. of Bags From (Ft.) To (Ft.)   | Monitor Other  Measured Static Water Level // 7  Measured Pumping Water Level  After Hours at G.P.M.   |
| Bentonite: No. of Bags   | Measuring Pt. (Describe):  |
| WELL LOCATION: County CITRUS  Otr: NW Otr: SE Sec: 1 Twp: 185 Rge: 185   | Casing: [ ] Black Steel [ ] Galv. [X PVC Other   |
| Sketch of well location on property N  | Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones |
|  | From £3' 14 45 ORANGE SANDYCLAY TO 117 45 53 TANSANDYCLAY  53 78 ORANGE CANFINE SANDYCLAY  |
| Official Use Only CHEMICAL ANALYSIS  | S3 78   ORANGE/ PANEINE SALDITE   Diameter 2"   78   127   TAUSALD Y C LA Y     From   17     To   127                                       |
| Iron: ppm Sulfate: ppm Chlorides: ppm [ ] Lab Test [ ] Field Test Kit Pump Type  Give distances from septic tank and house or other reference points | Diameter   |
| [ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine  Horsepower Capacity G.P.M.  Intake/Injection Depth Ft.  | I certify that the information provided in this report is accurate and true.  Driller's Name:  (print or type)                               |



### APPLICATION TO CONSTRUCT, REPAIR, MODIFY OR ABANDON WELL

### SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

2379 Broad Street, Brooksville, FL 34609-6899 Ph: (904) 796-7211

| 53066                 | 7-01          |
|-----------------------|---------------|
| Permit No.            |               |
| Stipulations Required | . 17-524 Weil |
| WUP Application No.   | Owner No.     |

|                  | * • •  |  |   | WUP Application No.  | Owner No.  |
|------------------|--|--|---|--|--|
|                  | 4.4  |  |   | ABOVE THIS LINE — F  | OR OFFICIAL USE ONLY   |
|                  |  |  | ••  |  |  |
| _                | OKOUS COUNTY IA  | DEIG ATA IN GUE  |   |  | 7011111  |
| 1.               | Owner, Legal Name of Entity If Corporation   | -DEILL 230 W. GULF Address   | IULAKE NI.  | I L+ CALLICO F.  | Telephone Number   |
|                  | Owner, Legal reality of Entity if Corporation  | ,  | City  | ΔIÞ  | тетерноле пиптоег  |
| 2.               |  | 3diur=   |   |  |  |
|                  | Well Location Address, Road Name or N  | umber, City, Zip   |   |  | ,  |
|                  |  |  | 4/ =  | م م <i>م</i> ن   | 0-7  |
| 3.               | AMERICAN DRICE   | 11-6   | 9-1   | r-94   | 9057   |
|                  | Drilling Contractor  |  | Date  |  | License No.  |
|                  | 14811 N. 12 14 ST  |  | •   |  |  |
|                  | Address  |  |   |  | ,  |
|                  | LUTZ, FL 3354  | a  |   |  |  |
|                  | City   | State Zip  |   |  | •  |
|                  | City   | State Zip  |   |  |  |
|                  |  |  |   |  |  |
| _                | Marine addition /  | Object the Health of Malli   |   |  |  |
| 4.               | Number of Wells:   | Check the Use of Well:   |   |  |  |
|                  | Domestic   | Irrigation   | Livestock   | Test (WL   | JP)  |
|                  | Public Water Supply  | Heat Pump/AC Supply  | Industrial  | Monitor  | type: Karin Bulley)  |
|                  | Recovery   | Class V Heat Pump/AC Return  |   |  | )  |
|                  |  |  |   | Outer ( -  |  |
| 5.               | Application for:   | 6. Casing or Liner _   | (check one)   |  |  |
|                  | New Construction   | Black Steel  | Other (specify:   |  | <u> </u>   |
|                  | Repair/Modify  | Galvanized   | • • • • •   | ins crinaut  | ,  |
|                  | •  |  | _   | 11   | <del></del>  |
|                  | Abandonment  | _ <del></del> PVC  | Diameter:Z  |  |  |
| 7.               | Method of Construction:  | Rotary Cable Tool  | Combination Aug   | er Other (specify:   |  |
| • •              | •  | Title Title y  | CombinationAug  | orOuter (specify.  | ,  |
| Ω                | County   |  |   |  |  |
| U.               | <u></u>  |  |   |  |  |
|                  | County   | Subdivision Name   |   | Lot Block  | Unit   |
|                  | County   | Subdivision Name   |   |  |  |
|                  |  | :  | NW NE   | Draw a map of well loc   | Unit stion and indicate well site nown roads and landmarks;  |
|                  | Quarter Quarter Section 1/2  | :  | NW NE   | Draw a map of well loc-<br>with an "X." Identify k   | stion and indicate well site   |
| 9.               | Quarter Quarter Section 1/2/2  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc-<br>with an "X." Identify to<br>provide distances between   | ation and indicate well site<br>nown roads and landmarks;<br>sen well and landmarks.   |
| 9.               |  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc-<br>with an "X." Identify to<br>provide distances betw  | ation and indicate well site<br>nown roads and landmarks;<br>sen well and landmarks.   |
| 9.<br>10.        | Quarter Quarter Section 1/4/2 Section Township   | (Indicate Well On Chart)   | NW NE   | Draw a map of well lock with an "X." Identify to provide distances betw  | ation and indicate well site<br>nown roads and landmarks;<br>sen well and landmarks.   |
| 9.<br>10.        | Quarter Quarter Section 1/2/2  | (Indicate Well On Chart)   | NW NE   | Draw a map of well lock with an "X." Identify to provide distances betw  | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.        | Quarter Quarter Section Alexandria Section Township On 6-Inch Wells or Larger:   | (Indicate Well On Chart)  Range 186  | NW NE   | Draw a map of well lock with an "X." Identify to provide distances betw  | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.        | Quarter Quarter Section 1/4/2 Section Township   | (Indicate Well On Chart)   | NW NE   | Draw a map of well lock with an "X." Identify to provide distances betw  | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township On 6-Inch Wells or Larger:  | (Indicate Well On Chart)  Range  | SW SE   | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township  | (Indicate Well On Chart)  Range 18 C  Longitude  The rules of Chapter 40-D-3, Florida Administration   | sw se rative Code, and that a   | Draw a map of well lock with an "X." Identify to provide distances betw  | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township Section Township Section Township Section Township Section  | Range  | sw se rative Code, and that a ed prior to commence-   | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township Township Section Township Section Township Section Township Section Township Section Section Township Section Township Section  | Congitude  (Indicate Well On Chart)  Range   | sw se rative Code, and that a ed prior to commence-cation is accurate and   | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township Alexander Section I Township Alexander Section I Township Alexander Section I Section Section I Section Section I Section Section I Section Section Section Section I Section S | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree   | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township Alexander Section I Township Alexander Section I Township Alexander Section I Section Section I Section Section I Section Section I Section Section Section Section I Section S | Congitude  (Indicate Well On Chart)  Range   | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree   | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township Alexander Section I Township Alexander Section I Township Alexander Section I Section Section I Section Section I Section Section I Section Section Section Section I Section S | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree   | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township Alexander Section I Township Alexander Section I Township Alexander Section I Section Section I Section Section I Section Section I Section Section Section Section I Section S | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree   | Draw a map of well lock with an "X." Identify is provide distances between the Country of the Co | ation and indicate well site nown roads and landmarks; een well and landmarks.   |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township / Section / Sect | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree   | Draw a map of well lock with an "X." Identify is provide distances between the Country of the Co | ation and indicate well site<br>nown roads and landmarks;<br>een well and landmarks.<br>orth   |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township // Section Township // On 6-Inch Wells or Larger:  Latitude  I hereby certify that I will comply with the water use permit or artificial recharge ment of well construction. I further central I will obtain necessary approval for to provide a well completion report to the Signature of Contractor   | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | stion and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township // Section Township // On 6-Inch Wells or Larger:  Latitude  I hereby certify that I will comply with the water use permit or artificial recharge ment of well construction. I further central I will obtain necessary approval for to provide a well completion report to the Signature of Contractor   | Congitude  Longitude  The rules of Chapter 40-D-3, Florida Administration in the obtainable of the District within 30 days after drilling operation of the District within 30 days after drilling operation of the District within 30 days after drilling operation of the District within 30 days after drilling operations.  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | stion and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township // Section Township // On 6-Inch Wells or Larger:  Latitude  I hereby certify that I will comply with the water use permit or artificial recharge ment of well construction. I further central I will obtain necessary approval for to provide a well completion report to the Signature of Contractor   | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  | Draw a map of well lock with an "X." Identify to provide distances between the control of the co | stion and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township On 6-inch Wells or Larger:  Latitude  I hereby certify that I will comply with the water use permit or artificial recharge ment of well construction. I further certifiat I will obtain necessary approval for to provide a well completion report to the Signature of Contractor  Is this well or any other well or water with the section of the s             | Longitude  Longitude  The rules of Chapter 40-D-3, Florida Administration provided on this appliation other federal, state, or local governments the District within 30 days after drilling operation.  License No.  | sw sE rative Code, and that a ed prior to commence- cation is accurate and it, if applicable. I agree tions cease.  | Permit (WUP) or WUP Appl   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No                              |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township   | Range  | rative Code, and that a sed prior to commence-cation is accurate and it, if applicable. I agree tions cease.  | Permit (WUP) or WUP Appl   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |
| 9.<br>10.<br>11. | Quarter Quarter Section Alexander Section Township   | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and it in applicable. I agree tions cease.  | Permit (WUP) or WUP Applet I am aware of my responsite information provided is a   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township  | Range  | sw SE rative Code, and that a ed prior to commence- cation is accurate and i, if applicable. I agree tions cease.  covered under a Water Use cation is accurate, and that a agent for the owner, that to      | Permit (WUP) or WUP Applet I am aware of my responsite information provided is a   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township  | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  covered under a Water Use cation is accurate, and that is agent for the owner, that it ture | Permit (WUP) or WUP Applet I am aware of my responsite information provided is a   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township  | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  covered under a Water Use cation is accurate, and that is agent for the owner, that it ture | Permit (WUP) or WUP Applet I am aware of my responsite information provided is a   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |
| 9.<br>10.<br>11. | Section Township   | Range  | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  covered under a Water Use cation is accurate, and that is agent for the owner, that it ture | Permit (WUP) or WUP Applet I am aware of my responsible information provided is a  | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |
| 9.<br>10.<br>11. | Quarter Quarter Section // Section Township  | Longitude  The rules of Chapter 40-D-3, Florida Administration in the dead, has been or will be obtained by that all information provided on this appliation other federal, state, or local governments the District within 30 days after drilling operation.  License No.  Well I.D. No.  Derty, that the information provided on well lot by abandon this well; or, I certify that I am the lies as stated above.  Owner of Agent's Signature. | sw se rative Code, and that a ed prior to commence-cation is accurate and i, if applicable. I agree tions cease.  covered under a Water Use cation is accurate, and that is agent for the owner, that it ture | Permit (WUP) or WUP Applet I am aware of my responsite information provided is a   | stion and indicate well site frown roads and landmarks; seen well and landmarks.  orth  ication? Yes No  bilities under Chapter 373, |

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN OFFICER OF SWFWMD(R). IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS.

SOY INK

WHITE: SWFWMD FILE COPY
YELLOW: DRILLING CONTRACTOR COPY/2
PINK: DRILLING CONTRACTOR COPY/2

| Please complete in black ink or type  WELL COMPLETION REPORT  Dwner's Name CHUS CONTY 49NOFICE  Permit Number 548 0 66 0 1  Water Well Contractor's Signature  License No. 905 3 |                       |                                       |             | Measur<br>Measur<br>After<br>Measur | ed Sta<br>ed Pur<br>Ho<br>ring Pt. | Cable Tool [ ] Jet [ ] Auger Other tic Water Level+ mping Water Level+ burs AtG.P.M. (Describe):Ft. [ ] Above [ ] Below Land Surface |
|--|-----------------------|---------------------------------------|-------------|-------------------------------------|------------------------------------|--|
| URFACE CASING, (   | ASING AND L           | INER MATEI                            | RIAL:       | Dej<br>(F                           |                                    | Examine cutting at 20ft, or smaller intervals and at changes. Give color, grain-size and type  |
| Types  | Diam. (In.)           | From (Ft.)                            | To (Ft.)    | From                                |                                    | of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.                                     |
| SCH 40 PVC   | 4"                    |                                       |             | - 10                                |                                    | ZONES. Attach additional sheets if flecessary.   |
|  |                       |                                       |             | <b></b>                             |                                    | AB01/00 11 11511   |
|  |                       |                                       |             |                                     |                                    | ABANDON WELL   |
|  | _l                    | (5)                                   |             |                                     |                                    | 4"x 138"   |
| Neat Cement: No. of Ba   | igs                   | From (Ft.)                            | To (Ft.)    |                                     |                                    |  |
|  | <del></del>           |                                       |             |                                     |                                    | WITH 11 BAGS CEMENT  |
|  | . —                   |                                       |             | <u> </u>                            |                                    | GROUT  |
| RON:ppm SULF/<br>INISH: Screen:  | ATE:ppm<br>(Et) Oper  | CHLORIDES:_<br>n Hole:                | ppm<br>(Ft) |                                     |                                    | JAROU!   |
| HAIOI I. OCIOOTI.  | (i t.) Oper           |                                       | (//         |                                     |                                    |  |
| VELL LOCATION:   | C                     | ounty                                 |             |                                     |                                    |  |
| tr: Qtr:   | Sec:T                 | wp:R                                  | ge:         | ļ                                   |                                    |  |
|  | ·                     | · · · · · · · · · · · · · · · · · · · |             |                                     | :                                  |  |
| VELL USE   |                       |                                       |             | نــــا                              |                                    |  |
| ublic  | Irrigation<br>Monitor | 17-                                   | 524         | •                                   |                                    | e information provided in this report is accurate and true   |
| omestic  | MOHITOI X             | _ Off                                 | ner         | Driller's                           | иате                               | EICLAY   |
|  |                       |                                       |             | -                                   |                                    |  |

## SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT WELL ABANDONMENT INSPECTION REPORT

| Abardonment Permit No. 548066, 01 Section 1 Towns   | ship 13 Range 18                        |
|---|---|
| Drilling Contractor American Drilling License   |   |
| Address of Well: Street 230 W. Gulf to LAKE 1   |   |
| County Citrus City Lecanto  | Zip 34461                               |
| Property Owner Citrus Co. Landfield CUP No.   |   |
| WELL SPECIFICATIONS   |   |
| T.D. of Well /38  |   |
| Casing: Diameter Depth  | •                                       |
| Material - Black Steel, Galv. Steel, PVC, Other   |   |
| Is well information verified by dfiller's log? Yes, No (Explain in Commen                                     | its)                                    |
| GROUT SPECIFICATIONS AND INSPECTION   | V                                       |
| Date 2-14-94  |   |
| Time arrived at site 2.30   |   |
| Grout Interval 138 to 0   |   |
| Estimated No. of 94 lb. sacks or  | ·.                                      |
| yds. of cement 10.7 hngs  |   |
| Time grout started 2:30   |   |
| Time grout completed 4:20   |   |
| Actual No. of 94 lb. sacks or yds. of cement (specify type of cement)   |   |
| Gallons of water per 94 lb. sack or yds, of cement  |   |
| **Special grout additives, type, amount None  |   |
| Grout method (see terms on back of page) Tremie   | <u> </u>                                |
| Time departed site 4:25   |   |
| *Estimate before grouting begins (see back of page for grout tables).  **See Bentonite Table on back of page. |   |
| COMMENTS  |   |
| Desired returns to surface was a  | bserved                                 |
|   | · · · · · · · · · · · · · · · · · · ·   |
| Attach a Field Investigation Report for unsatisfactory work.  |   |
| Drillers Signature  | Date 2-14-94                            |
| Observers Signature ( and Rotly   | Date 2-14-94                            |
| Work satisfactorily completed in accordance with Chapter 17-21. F.A.C.  | · = = = = = = = = = = = = = = = = = = = |
| Supervisors Signature   | Date                                    |
| (Not official unless signed by SWFWMD Supervisor)   |   |

| WELL COMPLETION REPORT (Please complete in black                     | k ink or type.) |                           |             |          |                         | Form 25-18 Rev.   | 4/94   |
|--|-----------------|---------------------------|-------------|----------|-------------------------|---|--|
| PERMIT NUMBER (Emp # 0301771  WATER WELL CONTRACTOR'S                |                 | NER'S NAME _<br>ENSE # _  | <u>Ci</u> ] | evs      | COUNTY                  | Land Fil  | <u>(                                    </u> |
| SIGNATURE Mike A. White  |                 | -                         | 1 Botan     | v [ ]    | Cable Tool [ ] C        | Combination   |  |
| COMPLETION DATE 9-26-94  |                 |                           |             |          |                         | anddonen  | -  |
|  | Domestic        | Monitor                   | Other_      |          |                         |   |  |
| Neat Cement: No. of Bags From (Ft.) To (F                            | -t.)            |                           |             |          |                         |   |  |
| UBA95 2" 0 121   |                 | Measured Pur<br>After     |             |          | el                      |   |  |
|  | <b>-</b>        | Measuring Pt.             |             |          | _ G.F.IVI.              |   |  |
| Bentonite: No. of Bags  WELL LOCATION: County                        |                 |                           | •           | _        | [ ] Below Land Si       | urface  |  |
| WELL LOCATION: County C: 7RVS  Otr: Sec: Twp: 186 Rge: 18            | <del>75</del>   | Casing: [ ] Bl            | ack Stee    | el [ ]   | Galv. PVC               | Other   | _  |
| DATE STAMP Sketch of well location on proper                         |                 | [ ] Casing<br>[ ] Screen  | Der<br>(Ft  |          | DRILL CUTTINGS          |   |  |
|  | " A             | Diameter<br>& Depth (Ft.) | From        | To       | changes. Give color, g  | ry 20 ft. or at formation<br>grain size, and type of<br>s, depth to producing zor | nes.   |
| US 44  |                 | Diameter 2                |             | •        |                         |   |  |
| E CEVIFTOL,  | ike the         | From O                    |             |          | dony                    | Ι   |  |
|  |                 | 10 / C(                   |             |          | <u> </u>                |   |  |
| KLAN   |                 | Diameter                  |             |          |                         |   |  |
| Official Use Only  |                 | Diameter<br>From          |             |          | l                       |   |  |
| CHEMICAL ANALYSIS  |                 | То                        |             |          |                         |   |  |
| ron: ppm Sulfate: ppm  |                 |                           |             |          |                         |   |  |
| _Chlorides: ppm  |                 | Diameter                  |             |          |                         |   |  |
| ] Lab Test [ ] Field Test Kit Give distances from septic tank and ho | ouse or         | From<br>To                |             |          |                         | _   |  |
| Pump Type other reference points                                     | Juse of         |                           |             |          |                         |   |  |
| [ ] Centrifugal [ ] Jet [ ] Submersible [ ] Turbine                  |                 | I certify that the        | <u> </u>    | ion prov | rided in this (eport is | accurate and true.  |  |
| Horsepower Capacity G.P.M<br>ntake/Injection Depth Ft.               |                 | Driller's Name            | 1           | م. م     | 17/                     |   |  |
| make/injection Deptin Ft.  |                 | (print or type)_          |             |          |                         |   |  |
| _  |                 |                           |             |          |                         |   |  |
|  |                 |                           |             |          |                         |   |  |
|  |                 | ·                         |             | _        |                         |   |  |
| •  |                 |                           |             |          |                         |   |  |

.

|     | OBOITTI WELL ABANDONN  |                         |                   |  |  |
|-----|--|-------------------------|-------------------|--|--|
| 11- | Abandonment Permit No. Abean street in toric                                       | Section II.             | Township          | 18 Rang  | en / // ir   |
| *   | Drilling Contractor AMERICAN   |                         | License No        | F 470 99   |  |
|     | Address of Well: Street 222 2 Main 6   | Same Sales Cold         |                   | nine trans   | The section of the section of  |
|     | County Companies dell'autience llew City   |                         |                   | and the Collection of the collection of the collection in  | the state of the s |
| •   | Property Owner of the Sandas Antice  |                         |                   |  |  |
| •   | WELL   | SPECIFICATIONS          | clear the annult  | lld De moved to  | shot   |
|     | ementager ft. at 5.2 Artists of water per 94 lb.                                   | prable amount of c      | e minimum acce    | ing table is th  | wolld Siff.  |
|     | Casing: Diameter 2 on order to be De   | pthnhape with           | 8. Quantity actua | iormation los  | assumes no   |
| -,  | Material - Black Steel, Galv. Steel Is well information verified by driller's log? | els PyC, Other          |                   |  |  |
|     |  |                         |                   |  | i i i  |
|     | GROUT SPECIFIC   |                         | SPECTION          |  |  |
| **. |  | omulo <u>Gel2C - II</u> |                   | Hole Dianie  | And the second s |
| 24  | Time arrived at-site   | O State 14              | 157               | 3  |  |
| 1   | Grout interval 80  | 1.02                    |                   |  |  |
|     | *Estimated No. of 94 lb. sacks or yds. of cement                                   | 12.42 Ka                | C7                |  |  |
| •   | 0ξ.<br>Time grout started  | 10.10:25                |                   |  |  |
| :   | Time grout completed   | 58 91.00                | -Palar            | 12*  |  |
|     | Actual No. of 94 lb sacks or   | SET SY GC I             |                   | 207  |  |
|     | yds. of cement (specify type of cement)  | Bentonite Additive      |                   |  |  |
|     | or vds, of cement  | 55G                     |                   |  | lan i  |
|     | **Special grout additives, type, amount  |                         |                   |  | 700  |
|     | Grout method (see terms on back of page)   | MET/ZW/Z                | d is slurry becon | t may be adde  | A dispersu   |
|     | Time departed site   | 11:05                   |                   | The state of the s | -  |
|     | *Estimate before grouting begins (see back o                                       | f page for grout ta     | ables).           | Gal  |  |
|     | **See Bentonite Table on back of page.   | COMMENTS                | C. emenge         | 928  | % Bentonic   |
| "3. | Return to Surface  | ODServe                 | 200               |  |  |
|     | . <u></u>  |                         | 9.7               | 31. S.   | <u> </u>   |
|     | Attach a Field Investigation Report for unsati                                     | of otory work           | <b>3.</b> €       | e e  | 2.3  |
|     | $\alpha$   | Slactory work.          | . 6               | $\alpha$   | U-,///   |
|     | Drillers Signature   | nothern no              | Date Vise Date    | -7-26-<br>0 Queft An   | 99 <u>- 99 - 1</u>   |
|     | Observers Signature  | UNGA                    | Date              | 1.20   |  |
|     | Work satisfactorily completed in accordance  | with Chapter 17-21      | . F.A.C.          |  |  |
|     | Supervisors Signature  |                         | Date              |  |  |
|     | (Not official unless signed by SWFWMD Sup  | ervisor)                |                   | `  | 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |

|  |                                      | peedures' shall be vadhere<br>e etguting technique usec  |  | Số/Giùld jeopardize the                                    |
|--|--------------------------------------|--|--|--|
|  |                                      |  |  |  |
| the grouting   | esentative must calculate operation. | e a theoretical amount o   | i cement needed p  | to gaininged on tractor w                                  |
| 2. Cement and cement. No.  | water shall be mixed at              | a ratio of 5.2 to 5.5 galed unless approved by the   | llons_of_water_to?on<br>Well Construction  | e 94 lb bag of portland<br>Hydrologist                     |
| 3. Should the  | cement return to the si              | irface with less than the  | e acceptable amoun   | t, then the tremie pipe                                    |
|  | oved to clear the annulus            |  |  |  |
|  |                                      | otable amount of cement<br>ry/sack) for neat cement  |  |  |
|  |                                      | y used may be rounded u  | p to the nearest 14.   | Casing: Diamikasa  |
| American production of the second sec | in Comments)                         | Steel PVC, Other<br>log? Yes. No (Explain  |  |  |
|  | SPECTION                             | CIFICATIONS AND IN   | GROUT SPE  |  |
|  |                                      | Hole Volume  |  | Date   |
| <u>Hole</u>  | <u>Diameter</u>                      | Gallons/one ft.  | <u>Ba</u>  | s/one ft. bevire emil 7                                    |
|  | 4"-                                  | 16<br>65 :   |  | ンニリントメニ20:<br>Grout interval: 80:                          |
|  | 5"<br>6"                             | 1.02<br>1.47   | ib "sacks. or  | *I. stimated No. of 14.                                    |
|  | 8°<br>10″                            | 2:61<br>.4:08  |  | 30<br><b>46</b> 7/1528- [0019: 5/10]                       |
| 48.6   | 12"<br>16"                           | √5.87<br>10:44   |  | Time giout comp 20 c                                       |
|  | 20"                                  | 16.32  |  | Actual No of 94 28 1. Yds: oi cement (speci                |
|  |                                      | Bentonite Additive Table   |  | Gallons of water pet                                       |
| Gallons of water re  | quired per 94 lb. sack of            | cement when dry mixed  | with Bentonite.  | or yds of cement   |
| A dispersant may b   | e added if slurry become             | es difficult to pump.  |  | *Special grout additi                                      |
|  |                                      |  | ad to word the Sill  | Fine departed site   |
|  | Gallons of water dist                | Juous Slurry yield gallon  | ijug begins (seevi   |  |
| % Bentonite  | sack of cement                       | sack of cement   | To back of page  | cement required  |
| * 10   | 11.7<br>10.4                         | 15.78<br>14.36   |  | .55<br>.61   |
| <u>6</u>   | 9.1<br>7.8                           | 12.94<br>11.59   |  | 68   |
| 2  | 6.5<br>5.2                           | 10.17<br>28.88 voiety were   | ration Reserved  | 68.  |
|  |                                      | 0.02   |  | Drillers Signature   |
| Grout Methods: Tre   | mie, Dump Bailer, Other              | (explain).   |  | Observers Signature  |
| Angeles and Angele | .D.A.F.18                            | ance with (% 172   | Ixe s to be differen   | Wor satisfactorily   |
| •  |                                      | 2 SERVICE - 1 SERV | and the second control of the second control |  |
|  |                                      | Nupervisor)  | gned by SN 7 W   | Su, eviso <b>rs/Sig</b> ne –<br>(1901 offi <b>sjal</b> int |



APPLICATION TO CG

. RUCT, REPAIR; MODIFY OR ABANDON WELL

### SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

2379 Broad Street, Brooksville, FL 34609-6899 Ph: (904) 796-7211

Bermin No.
SetipUlations Required 17-524 Well
WUP Application No. Owner No.

|                  |   |  |   |  | OR OFFICIAL USE ONLY   |
|------------------|---|--|---|--|--|
|                  |   |  |   |  | _  |
| 1.               | Owner, Legal Name of Entity II Corporation  | Address  | TOLAKE HWY City   | LECANTO, 1   | Telephone Number   |
| 2.               |   | 5AMEASAR   | ovE   |  |  |
|                  | Well Location — Address, Road Name or Number, City, Zij   | p  |   | •  |  |
| 3.               | AMERICAN DRILL<br>Drilling Contractor   | Me   | 2-8-<br>Date  | 94   | 9053<br>License No.  |
|                  | 14811 N. 12755  |  |   |  | ·  |
|                  | Address   |  |   |  |  |
|                  | <u>LUT 2</u> , <u>EC</u> 3354<br>City State   | 9  | •   |  | •  |
|                  | City State  | Zip  |   | •  |  |
|                  |   |  |   |  |  |
| 4.               | Number of Wells:/ Che   | eck the Use of Well:   | ,   |  |  |
|                  | Domestic Irriç  | gation   | Livestock   | Test (WU   | JP)  |
|                  | Public Water Supply He  | at Pump/AC Supply  | Industrial  | Monitor  | (type WATER CXA CATY   |
|                  | ***   | ass V Heat Pump/AC Return  | Class I Injection W   | ell Other ( ـ  | )  |
| 5.               | Application for: 6. Ca  | ısing 🗶 or Liner 🕳   | (check one)   |  |  |
|                  | New Construction  | Black Steel  | Other (specify: _   |  | )  |
|                  | Repair/Modify   | Galvanized   | Seal Material:  | ATCEMEN  | <u>'                                    </u>   |
|                  | Abandonment   | PVC  | Diameter:   |  |  |
| 7.               |   | ry Cable Tool  | Combination Auger   | Other (specify⊵  | TREMIE )   |
| 8.               | County Subdivision  |  | ·   | <u> </u>   |  |
|                  | County Subdivision  |  |   |  |  |
|                  | County  | Name   |   | Lot Block  | Unit   |
|                  |   |  | NW NE   | Draw a map of well loc   | Unit<br>ation and indicate well site<br>nown roads and landmarks;  |
| 9.               | Quarter Quarter Section NWSE  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw   | ation and indicate well site<br>nown roads and landmarks;<br>seen well and landmarks.  |
| 9.               | Quarter Quarter Section NWSE  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc<br>with an "X." Identify in   | ation and indicate well site<br>nown roads and landmarks;<br>seen well and landmarks.  |
| 9.<br>10.        | Quarter Quarter Section NWSE ( Section L Township 185 Ra  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw   | ation and indicate well site<br>nown roads and landmarks;<br>seen well and landmarks.  |
| 9.<br>10.        | Quarter Quarter Section NWSE  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw   | ation and indicate well site<br>nown roads and landmarks;<br>seen well and landmarks.  |
| 9.<br>10.        | Quarter Quarter Section NWSE ( Section Township Ra On 6-Inch Wells or Larger:   | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw   | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.        | Quarter Quarter Section NWSE ( Section L Township 185 Ra  | (Indicate Well On Chart)   | NW NE   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 L  | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl   | (Indicate Well On Chart)  ange 2   | SW SE rative Code, and that a   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw   | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section I Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if needs  | (Indicate Well On Chart)  ange 8   | sw SE rative Code, and that a   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 L  | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if need ment of well construction. I further certify that all info  | (Indicate Well On Chart)  ange 8  hapter 40-D-3, Florida Administrated, has been or will be obtained or writing applied in this applied.   | sw se rative Code, and that a rior to commence-ration is accurate and   | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 L  | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section I Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if needs  | (Indicate Well On Chart)  ange 2  hapter 40-D-3, Florida Administration provided on this application, state, or local governments.   | sw se rative Code, and that a red prior to commenceration is accurate and if applicable. I agree              | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF TO L  | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if need ment of well construction. I further certify that all infet that I will obtain necessary approval from other fede   | (Indicate Well On Chart)  ange 2  hapter 40-D-3, Florida Administration provided on this application, state, or local governments.   | sw se rative Code, and that a red prior to commenceration is accurate and if applicable. I agree              | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF TO L  | ation and indicate well site nown roads and landmarks; seen well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if need ment of well construction. I further certify that all infet that I will obtain necessary approval from other fede   | (Indicate Well On Chart)  ange 2  hapter 40-D-3, Florida Administration provided on this application, state, or local governments.   | sw se rative Code, and that a red prior to commenceration is accurate and if applicable. I agree              | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF TO L  | etion and indicate well site frown roads and landmarks; seen well and landmarks.  OFFICE  Base  The American State of the  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township AS Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if neer ment of well construction. I further certify that all infet that I will obtain necessary approval from other fede to provide a well corppletion report to the District with Signature of Contractor  | (Indicate Well On Chart)  ange A  hapter 40-D-3, Florida Administration provided on this applicated, state, or local governments, thin 30 days after drilling operation.  License No.  | sw se rative Code, and that a red prior to commence ration is accurate and if applicable. I agree ions cease. | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 L  | otion and indicate well site mown roads and landmarks; ween well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township Section Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if neer ment of well construction. I further certify that all infect that I will obtain necessary approval from other fede to provide a well completion report to the District with the construction.   | (Indicate Well On Chart)  ange A  hapter 40-D-3, Florida Administration provided on this applicated, state, or local governments, thin 30 days after drilling operation.  License No.  | sw se rative Code, and that a red prior to commence ration is accurate and if applicable. I agree ions cease. | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 L  | ortion and indicate well after nown roads and landmarks; ween well and landmarks.  Office Two T Office Transfer |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township AS Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if neer ment of well construction. I further certify that all infet that I will obtain necessary approval from other fede to provide a well corppletion report to the District with Signature of Contractor  | (Indicate Well On Chart)  ange A  hapter 40-D-3, Florida Administration provided on this applicated, state, or local governments, thin 30 days after drilling operation.  License No.  | sw se rative Code, and that a red prior to commence ration is accurate and if applicable. I agree ions cease. | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 L  | otion and indicate well site mown roads and landmarks; ween well and landmarks.  |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if neement of well construction. I further certify that all infetthat I will obtain necessary approval from other fede to provide a well corppletion report to the District with Signature of Contractor  Is this well or any other well or water withdrawal on the life Yes, provide WUP No.   | Indicate Well On Chart)  ange A  hapter 40-D-3, Florida Administrated, has been or will be obtained ormation provided on this applicated, state, or local governments, thin 30 days after drilling operation.  License No.  Well I.D. No.  | sw se rative Code, and that a d prior to commence-ation is accurate and if applicable. I agree ions cease.    | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 10   | ortion and indicate well after thown roads and landmarks; ween well and landmarks.  OFFICE  against the property of the proper |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township 8 Ra  On 6-Inch Wells or Larger:  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if need ment of well construction. I further certify that all infet that I will obtain necessary approval from other fede to provide a well corppletion report to the District will Signature of Contractor  Is this well or any other well or water withdrawal on the force of the property, that the Florida Statutes, to maintain or property abandon the  | Indicate Well On Chart)  ange B  hapter 40-D-3, Florida Administrated, has been or will be obtained ormation provided on this applicated, state, or local governments, thin 30 days after drilling operation.  License No.  Well I.D. No.  information provided on well localis well; or, I certify that I am the  | sw sE rative Code, and that a rd prior to commence- ation is accurate and if applicable. I agree ions cease.  | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 18   | ortion and indicate well after thown roads and landmarks; ween well and landmarks.  OFFICE  ication? Yes: No 1994  bilities under Chapter 373,   |
| 9.<br>10.<br>11. | Quarter Quarter Section NWSE  Section Township / 8 Section Township / 8 Ration Conformation Reports  Latitude Longitude  I hereby certify that I will comply with the rules of Cl water use permit or artificial recharge permit, if need ment of well construction. I further certify that all infet that I will obtain necessary approval from other fede to provide a well completion report to the District with Signature of Contractor  Is this well or any other well or water withdrawal on the first, provide WUP No.  I certify that I am the owner of the property, that the   | Indicate Well On Chart)  ange B  hapter 40-D-3, Florida Administrated, has been or will be obtained ormation provided on this applicated, state, or local governments, thin 30 days after drilling operation.  License No.  Well I.D. No.  information provided on well localis well; or, I certify that I am the  | sw sE rative Code, and that a rd prior to commence- ation is accurate and if applicable. I agree ions cease.  | Draw a map of well loc<br>with an "X." Identify in<br>provide distances betw<br>GULF 10 18   | ortion and indicate well after mown roads and landmarks; ween well and landmarks.  OFFICE  ication? Yes: No 1994  bilities under Chapter 373,  |
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THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN OFFICER OF SWFWMD(R). IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT 7601 HWY 301 NORTH, TAMPA, FL 33637

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DISTRICT RECEIPT NO.TA94-01253

DATE OF RECEIPT: 02/09/94

COUNTER RECEIPT

TRANSACTION: WATER WELL CONSTRUCTION

REFERENCE #: 9053

PAID BY: CHECK

CHECK DATE: 02/09/94

CHECK NBR: 2379

AMOUNT: \$50.00

AMERICAN DRILLING, INC. 14811 NORTH 12TH STREET LUTZ, FL 33549 Can a Edwadz

### SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

### BROOKSVILLE SERVICE OFFICE

### STIPULATION # 8 - TEST/MONITOR WELL

- A. This well is to be used as a test/monitor well. If it is to be converted into a production well, an additional permit shall be obtained prior to conversion.
- B. There shall be no injection of fluids into the monitor well without prior written approval from the District. This includes, but is not limited to treated ground water, or the introduction of microbes for In-Situ aquifer restoration.
- C. While drilling the well, if confining beds (i.e. clay or hardpan intervals) are encountered, then the well shall be constructed in such a manner as to prevent the unauthorized interchange of water between different water bearing zones as per Chapter 17-532.500(2)(C), Florida Administrative Code, (F.A.C.). This includes, but is not limited to the screened or open hole interval and the annular space.
- D. Prior written approval from the District shall be required if the monitor well will be pumped for use in hydrodynamic control and/or contaminant plume management.
- E. In the event the well needs to be abandoned, an abandonment permit shall be obtained prior to commencing with abandonment procedures.
- F. An observer from our Field Office is required on all abandonments to ensure compliance with Chapter 17-532, F.A.C. Please contact our Enforcement Coordinator, Sandy Semegen, in our Enforcement Department at (904) 796-7211 for additional information.

Approved by:

Permit # DISOLOGO O |

Date:

Stip #2 (2/93)
COPY TO OWNER

### SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

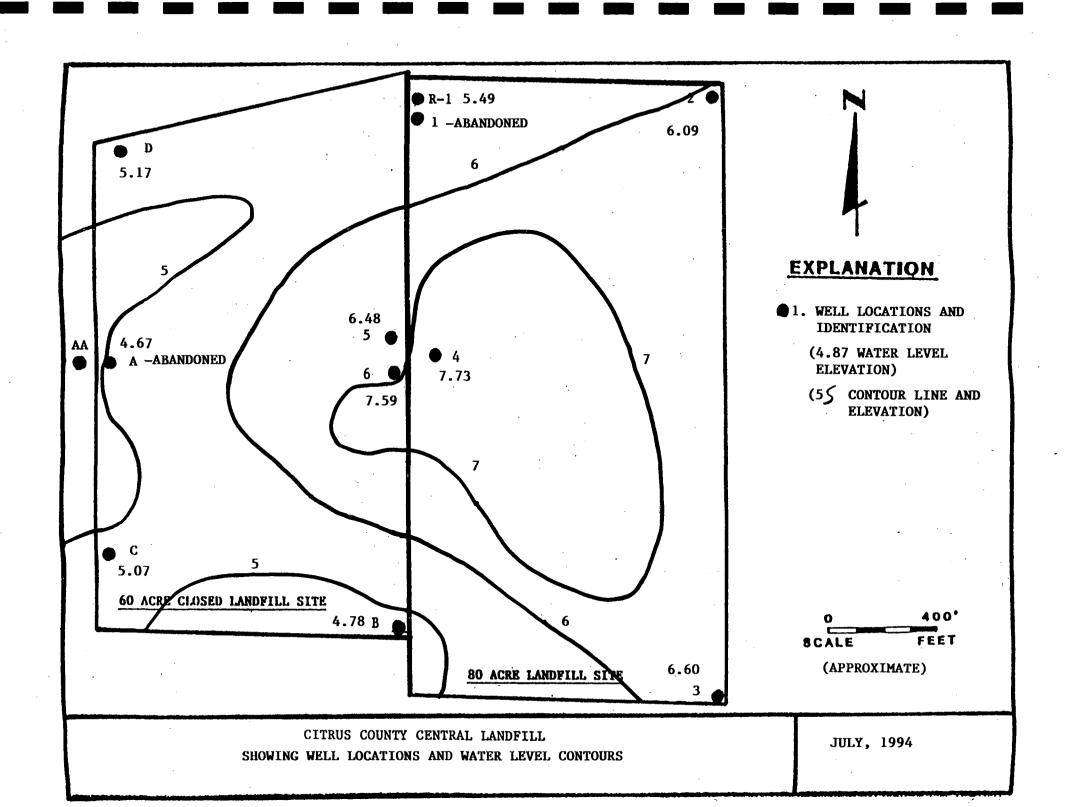
### BROOKSVILLE SERVICE OFFICE

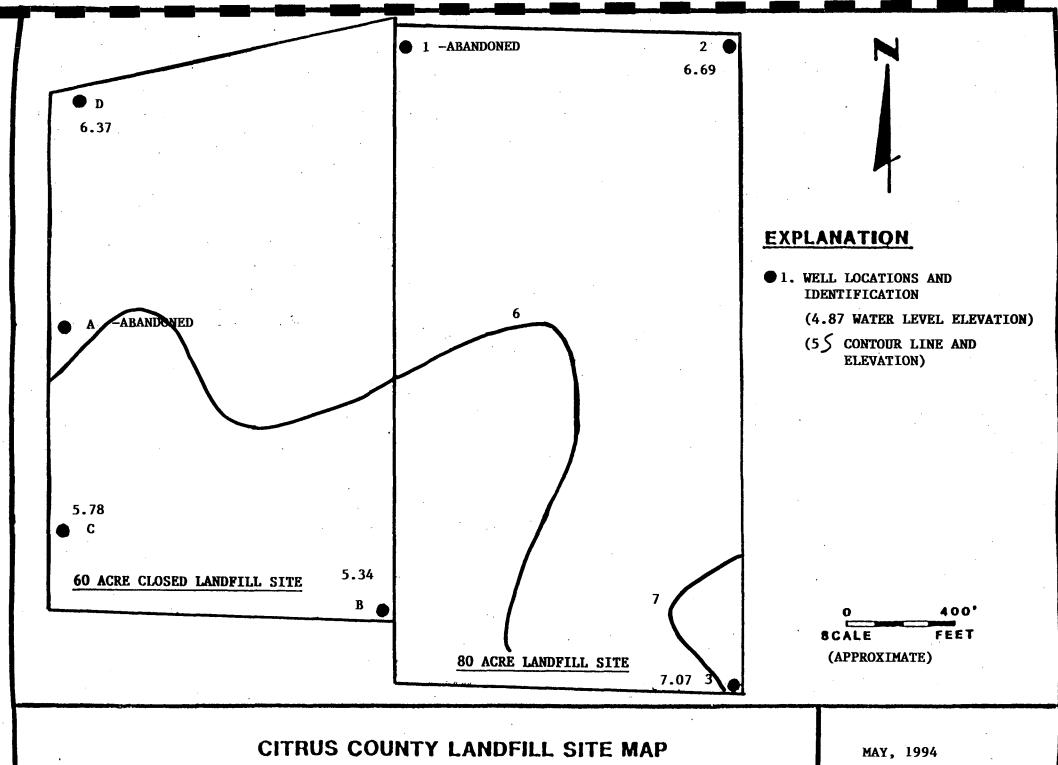
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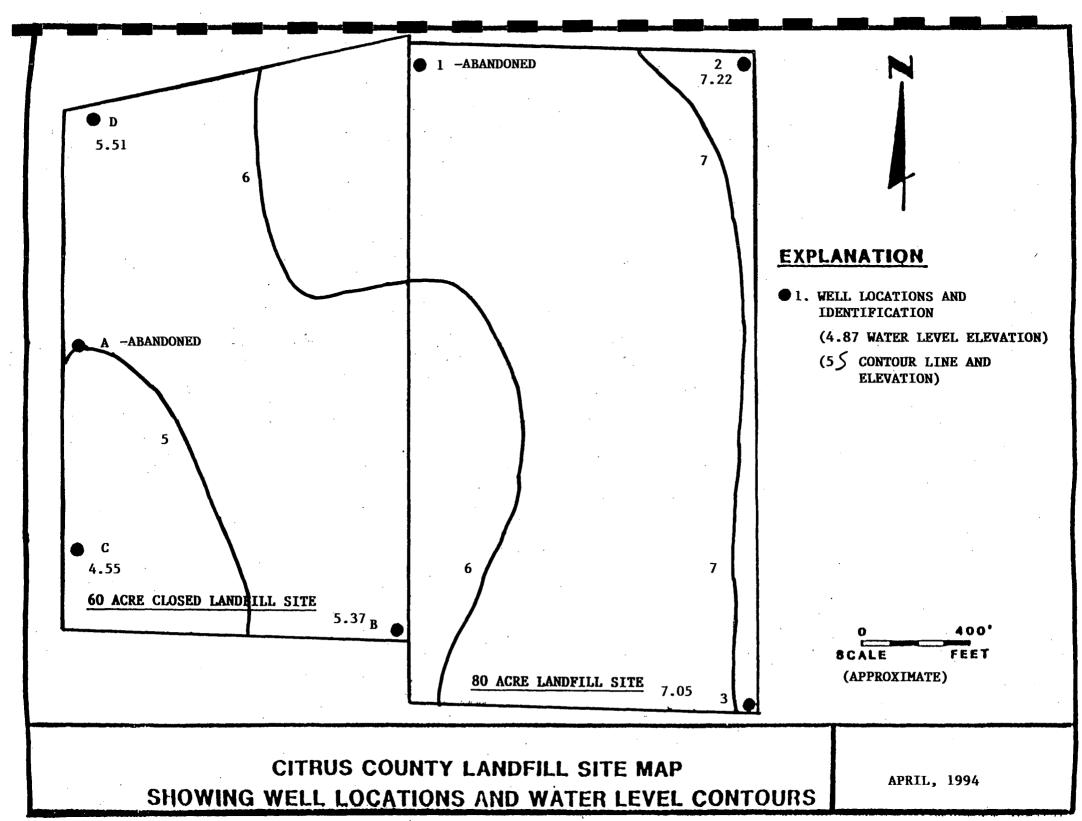
| Approved by:      |               |
|-------------------|---------------|
| Permit # 54806-01 | winest Marien |
| Date:             |               |
| Stip #8<br>(2/93) | EB 9 1994     |
| COPY TO OWNER     | ASMAT - TAMPA |

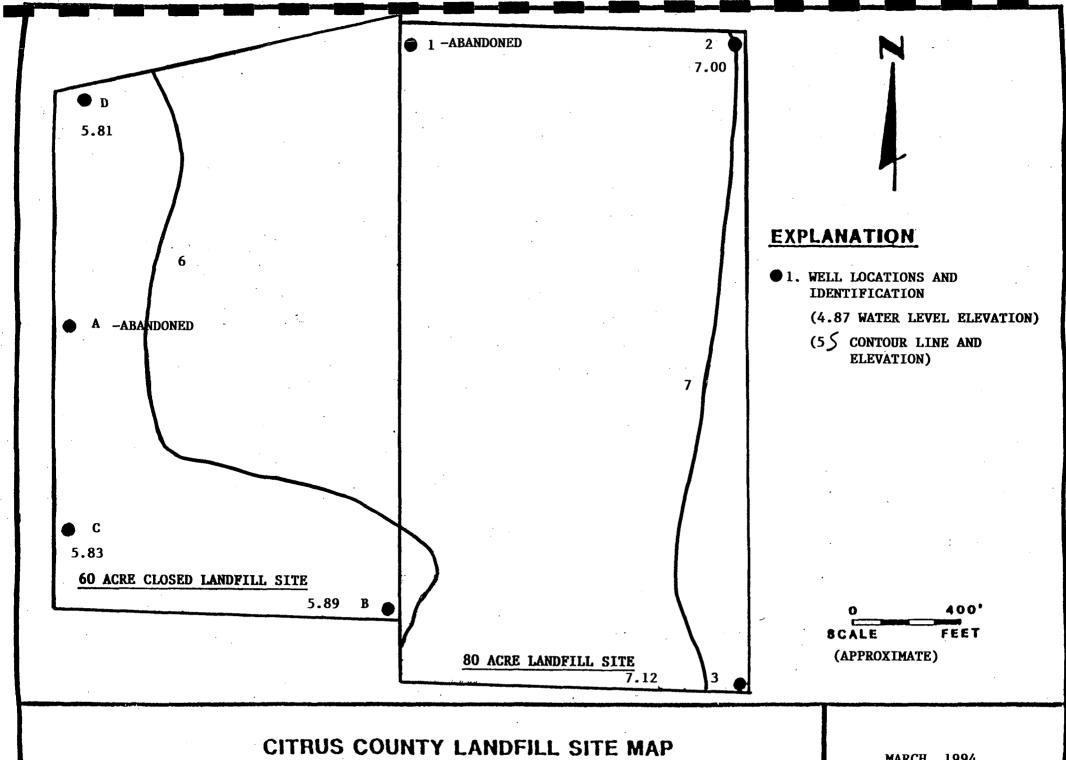
ATTACHMENT 5
WATER LEVEL MAPS





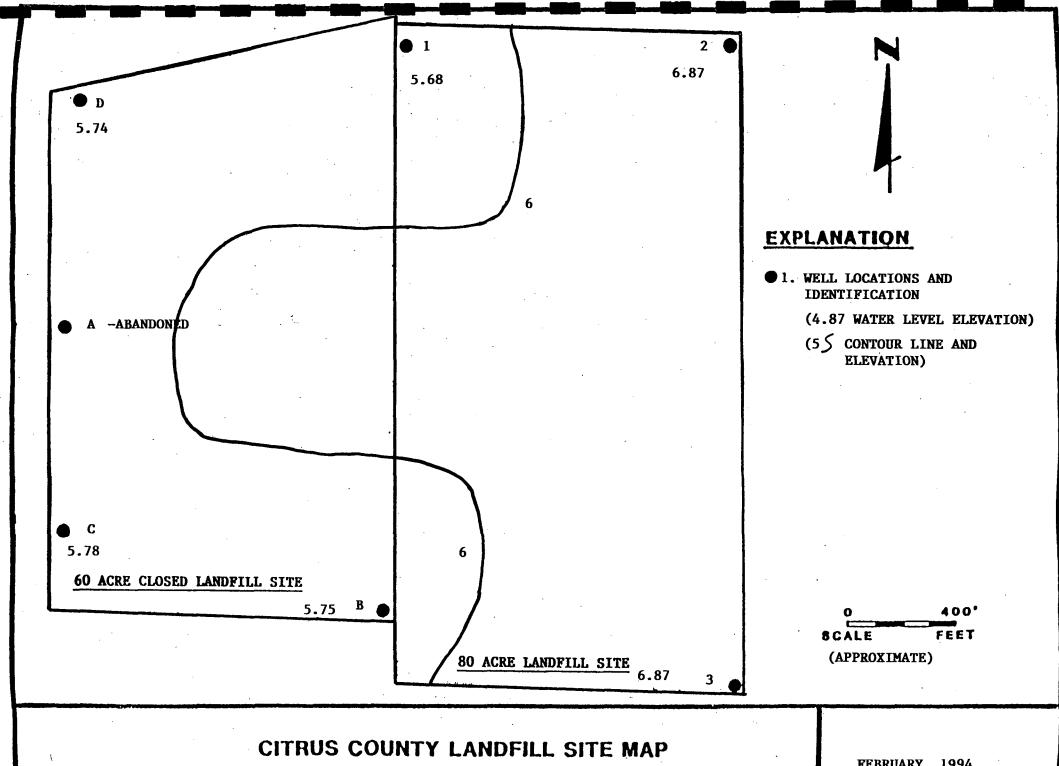
CITRUS COUNTY LANDFILL SITE MAP
SHOWING WELL LOCATIONS AND WATER LEVEL CONTOURS





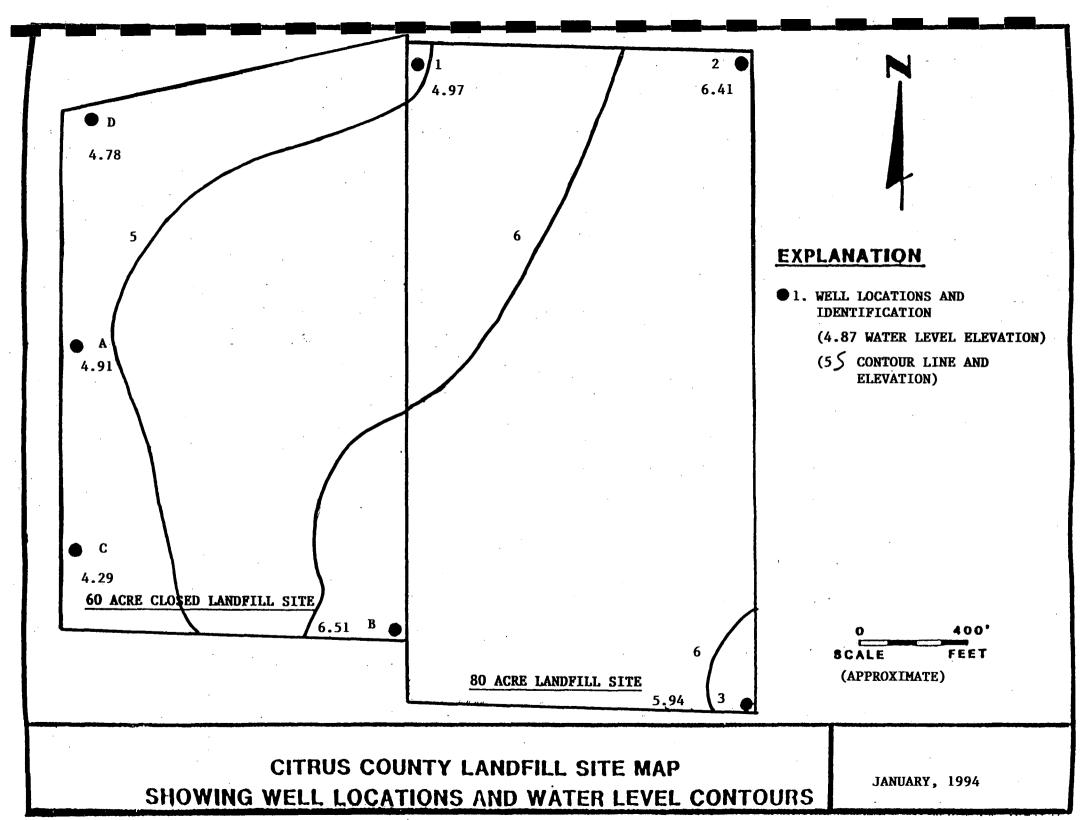
SHOWING WELL LOCATIONS AND WATER LEVEL CONTOURS

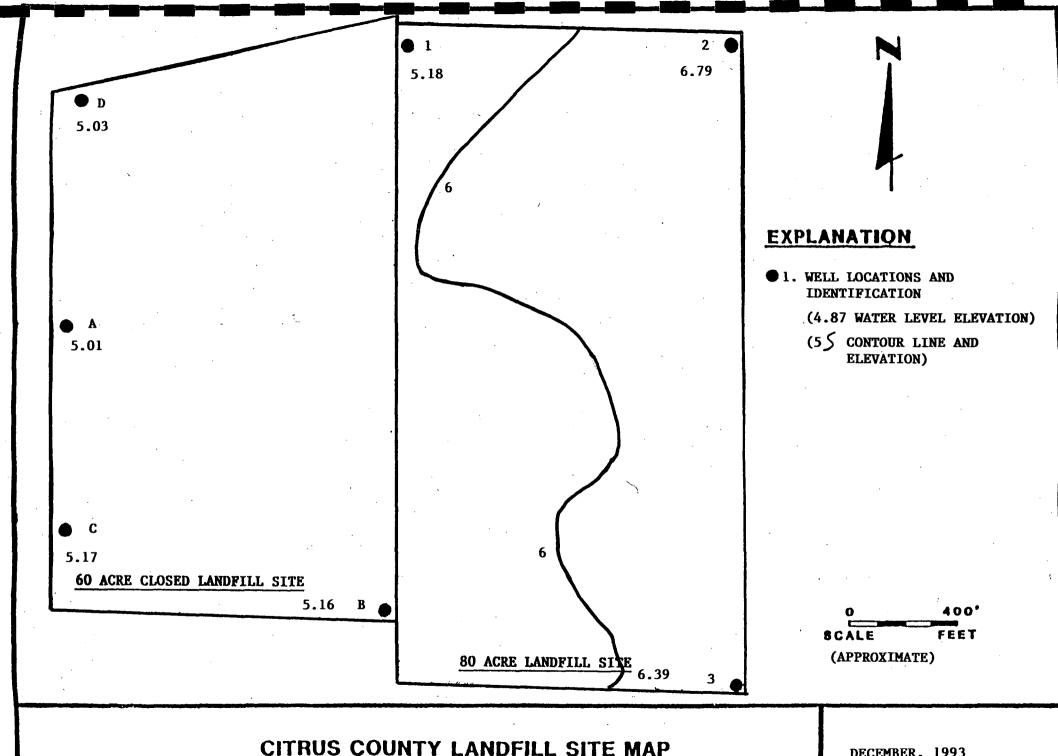
MARCH, 1994



SHOWING WELL LOCATIONS AND WATER LEVEL CONTOURS

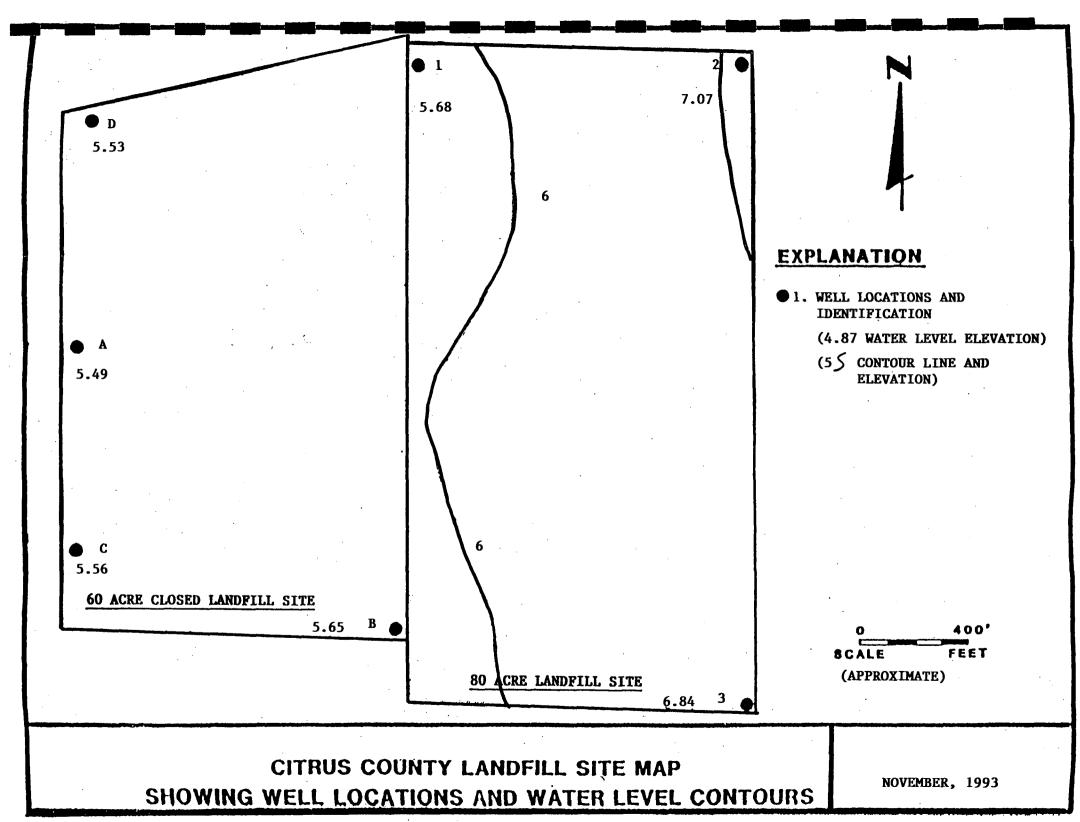
FEBRUARY, 1994

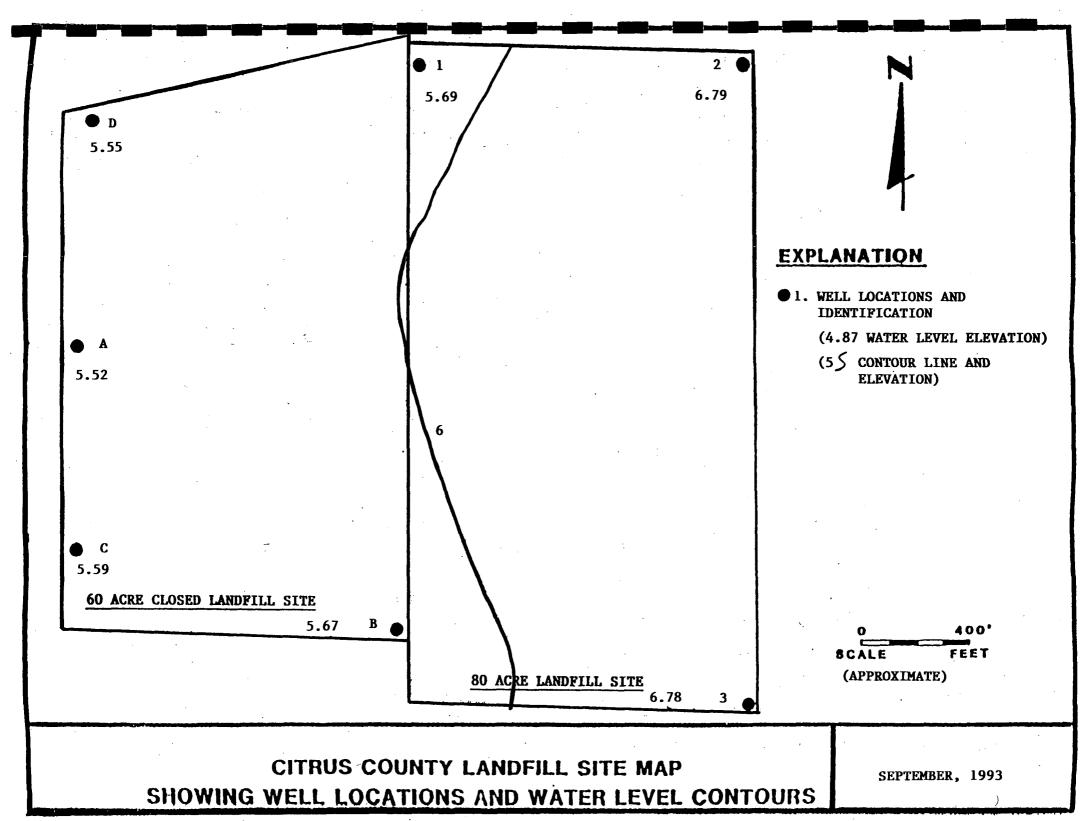


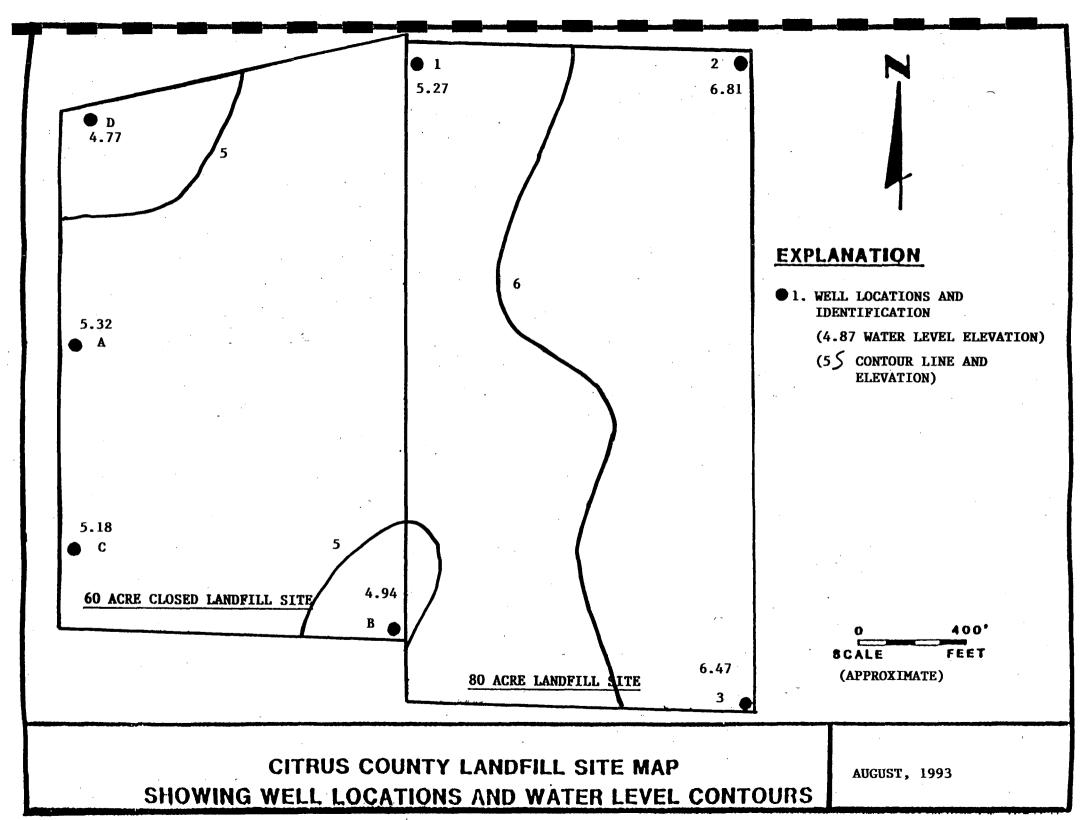


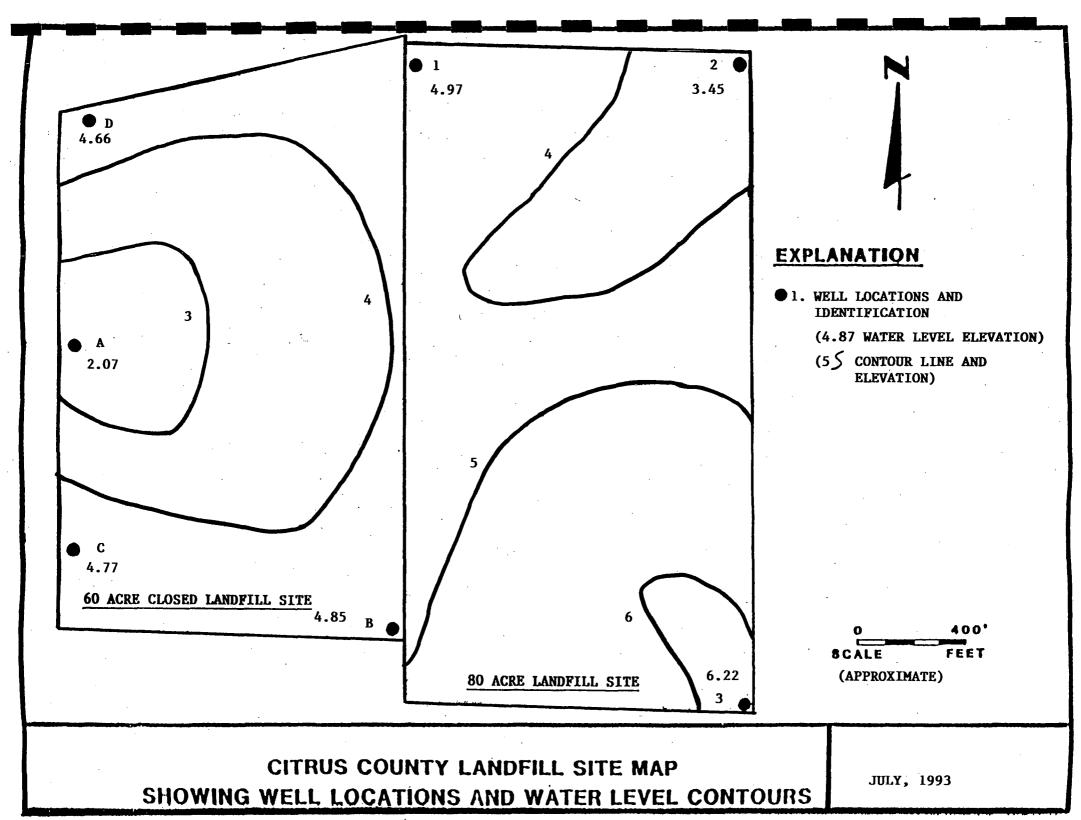
CITRUS COUNTY LANDFILL SITE MAP SHOWING WELL LOCATIONS AND WATER LEVEL CONTOURS

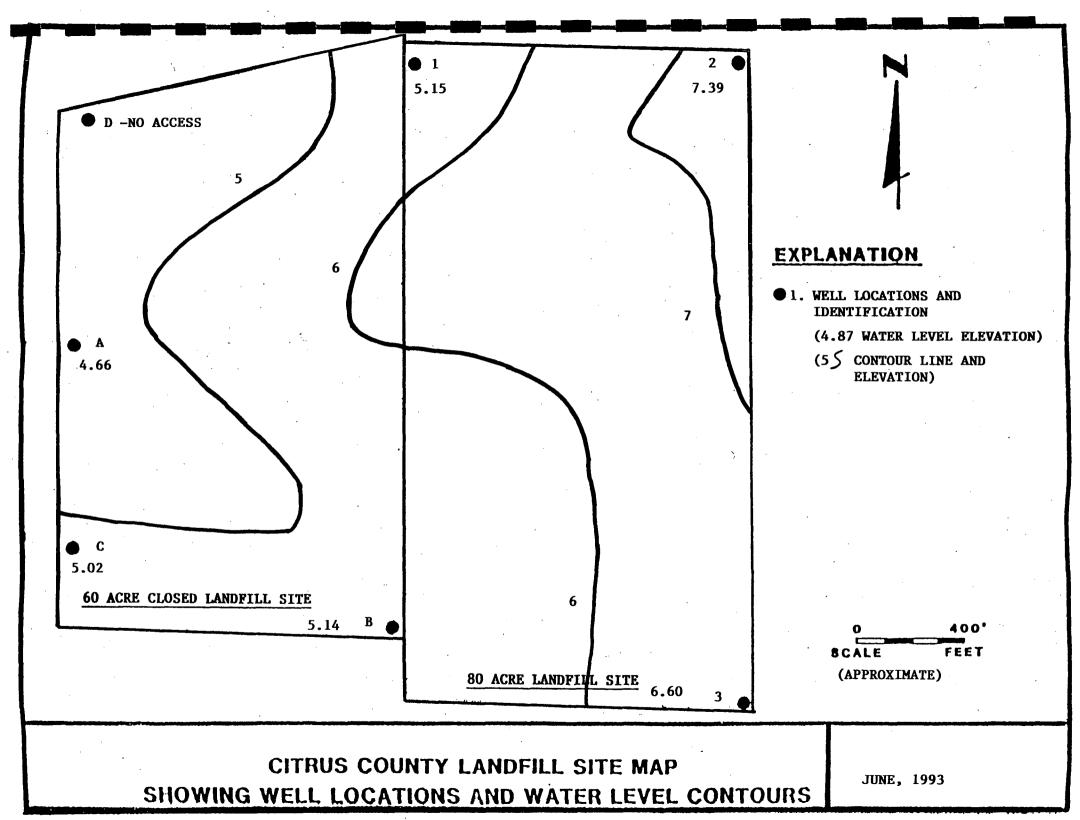
DECEMBER, 1993











ATTACHMENT 6

TABLES OF WATER QUALITY DATA

CITRUS COUNTY CENTRAL LANDFILL

| PAGE ON<br>DATE: JULY, 1994             | MCL MG/L     |                         | FILTERED<br>MW-4   | MW-5             |         | MW-6        |           | MW-AA   | MW-AA   | RE-SAMPLING<br>MW-AA (8-94) |
|---|--------------|-------------------------|--------------------|------------------|---------|-------------|-----------|---------|---------|-----------------------------|
|   |              | 0000000000              | ********           | ********         |         |             |           |         |         | ************                |
| PARAMETERS:                             | 0.006        | <0.0050                 | <0.0050            | <0.0050          | <0.0050 | <0.0050     | <0.0050   | <0.0050 | <0.0050 | 1                           |
| ANTIMONY                                | 0.005        | <0.010                  | <0.010             | <0.010           | <0.0030 | <0.0030     | <0.010    | <0.010  | <0.010  | ,                           |
| ARSENIC<br>ASBESTOS                     | 7 MFL        | *                       |                    | *                | ~0.010  | *           |           | 0.00    |         |                             |
| asbestos<br>Barium                      | 7 ME 12<br>2 | 0.21                    | <0.010             | 0.79             | <0.010  | 0.25        | 0.014     | 0.42    | 0.024   |                             |
| BERYLLIUM                               | 0.004        | <0.0040                 |                    |                  |         | <del></del> |           |         |         | )                           |
| CADMIUM                                 | 0.004        | <0.0050                 |                    |                  |         |             |           |         |         |                             |
| CHROMIUM                                | 0.005        | 0.023                   | <0.0030<br><0.010  | 0.058            | <0.010  | 0.032       | <0.010    | 0.036   | <0.010  |                             |
|   | 0.2          | <0.010                  | \ <del>0.010</del> | <0.010           |         | <0.010      |           | <0.010  |         |                             |
| CYANIDE                                 | 4.0          | <0.20                   |                    | <0.20            | , v     | <0.20       |           | <0.20   |         |                             |
| FLUORIDE<br>LEAD                        | 0.015        | 0.013                   | <0.0050            | 1.57 × 1.        | <0.0050 |             | <0.0050   |         | <0.0050 | ١                           |
|   | 0.002        | <0.0002                 |                    |                  |         |             |           |         |         |                             |
| MERCURY<br>NICKEL                       | 0.002        | <0.040                  | <0.040             | <0.040<br><0.040 | <0.040  | <0.040      | <0.040    | <0.040  | <0.040  | •                           |
|   | 10           | <0.050                  |                    | <0.050           |         | 11          |           | <0.050  |         |                             |
| NITRATE-N                               | 1            | <0.050                  |                    | <0.050           |         | 0.17        |           | <0.050  |         |                             |
| NITRITE-N                               | 10           | <0.050                  |                    |                  |         | 11          |           | <0.050  |         |                             |
| NITRATE + NITRITE - N                   | 0.05         | <0.010                  | <0.010             |                  | <0.010  | <0.010      | <0.010    | <0.010  | <0.010  |                             |
| SELENIUM                                |              | 7.4                     | 6.9                | 7.3              | 4.8     | 71          | 68        | 18      | 18      |                             |
| SODIUM                                  | 160          |                         |                    |                  |         |             |           |         |         | h                           |
| THALLIUM                                | 0.002        | <0.0020<br>2 <b>4</b> 0 | 0.0020<br>         | 320              |         | 500         |           | 360     |         | ,                           |
| TURBIDITY TOTAL COLIFORM MF CAL/100 MGL | 1 NTU        | <1                      | <1                 | <1               |         | <1          | <br><1    | ~1      | <1      |                             |
| <del>-</del> ,                          |              | 2.0/1.2                 | <2.0               |                  |         |             | _         | _       | 4.9/3.8 |                             |
| GROSS ALPHA, pCi/l(ANALYSIS +/-)        |              | 2.0/1.2<br><2.0         |                    | <2.1/1.5         |         |             |           | 4.6/6.3 |         |                             |
| GROSS BETA, pCi/l (ANALYSIS +/-)        |              |                         |                    | 53               | <0.20   | 26          | <0.20     | 19      | <0.20   |                             |
| ALUMINIUM                               | 0.2          | 7.5                     | <0.20              | 4.8              |         | 26<br>68    | <0.20<br> | 5.8     |         |                             |
| CHLORIDE                                | 250          | 4.8                     |                    |                  |         |             |           | 15      |         |                             |
| COLOR, PCU                              | 15           | 25                      |                    | 5                |         | 20          |           |         |         |                             |
| COPPER                                  | 1            | <0.025                  | <0.025             | <0.025           | <0.025  | <0.025      | <0.025    | <0.025  | <0.025  |                             |
| SURFACTANTS (MBAS-EPA 425.1)            |              | <0.10                   |                    | <0.10            |         | <0.10       |           | <0.10   |         |                             |
| IRON                                    | 0.3          | 6.6                     | 3.5                | 8.5              | 0.37    | 6.0         | 0.052     | 21      | 8.4     |                             |
| MANGANESE                               | 0.05         | 0.15                    | 0.13               | 0.16             | 0.094   | 0.12        | 0.087     | 4.0     | 3.9     | •                           |
| ODOR, TON                               | 3            | 16                      |                    | 32               |         | 4           |           | 4       |         |                             |
| PH, UNITS                               | 6.5-8.5      | 5.7                     |                    | 6.1              |         | 6.2         |           | 6.6     |         |                             |
| SILVER                                  | 0.1          | <0.010                  | <0.010             | <0.010           | <0.010  |             |           | <0.010  | <0.010  |                             |
| SULFATE AS SO4                          | 250          | <5.0                    |                    | <5.0             |         | <5.0        |           | 12      |         |                             |
| TOTAL DISSOLVED SOLIDS                  | 500          | 270                     |                    | 130              |         | 440         |           | 460     |         |                             |
| ZINC                                    | 5            | 0.21                    | 0.13               | 0.10             | 0.032   | 0.093       | 0/039     | 0.033   | <0.020  | • '                         |
| TRIHALOMETHANES:                        |              |                         |                    |                  |         |             |           |         |         | •                           |
| BROMOFORM                               | 0.10         | <0.005                  |                    | <0.005           |         | <0.005      |           | <0.005  |         | <0.005                      |
| CHLOROFORM                              | 0.10         | <0.005                  |                    | <0.005           |         | 0.011       |           | <0.005  | ~~~     | <0.005                      |
| DICHLOROBROMOMETHANE                    | 0.10         | <0.005                  | ·                  | <0.005           |         | 0.0011      |           | <0.005  |         | <0.005                      |
|   | J. 10        | -0.005                  |                    | -0.000           |         | 0.0002      |           | -0.000  |         |                             |

<sup>\*</sup>REJECTED: TO MUCH PARTICULATE MATTER

## CITRUS COUNTY CENTRAL LANDFILL

| PAGE                         |          | MW-4          | MW-5                                  | MW-6    | MW-AA       | MW-AA (8-94) | · · · · · · · · · · · · · · · · · · · |   |
|------------------------------|----------|---------------|---------------------------------------|---------|-------------|--------------|---------------------------------------|---|
| DATE:                        | MCL MG/L |               |                                       |         |             | nn-nn (0-34) | 医含含物性皮肤管理医皮肤管理医皮肤管                    |   |
| PARAMETERS:                  |          |               |                                       |         |             |              |                                       |   |
| PRIMARY/ORGANICS-VOLATILES   |          |               |                                       |         |             |              |                                       |   |
| VINYL CHLORIDE               | 0.001    | 0.0064        | 0.0049                                | 0.0032  | 0.0076      | 0.0067       | •                                     |   |
| BENZENE                      | 0.001    | 0.0019        | 0.0040                                | <0.001  | 0.0021      | 0.0021       |                                       |   |
| CARBON TETRACHLORIDE         | 0.003    | <0.003        | <0.003                                | <0.003  | <0.003      | <0.003       |                                       |   |
| 1.2-DICHLOROETHANE           | 0.003    | <0.003        | <0.003                                | <0.003  | <0.003      | <0.003       |                                       |   |
| TRICHLOROETHENE              | 0.003    | 0.0092        | 0.0042                                | <0.003  | <0.003      | <0.003       |                                       |   |
| 1,4-DICHLOROBENZENE          | 0.075    | <0.005        | <0.005                                | <0.005  | 0.017       | 0.015        |                                       |   |
| 1.1-DICHLOROETHENE           | 0.007    | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| 1.1.1-TRICHLOROETHANE        | 0.2      | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| CIS-1.2-DICHLOROETHYLENE     | 0.07     | <0.005        | 0.0059                                | <0.005  | 0.0079      | 0.0062       |                                       |   |
| 1.2-DICHLOROPROPANE          | 0.005    | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| ETHYLBENZENE                 | 0.7      | 0.0055        | 0.046                                 | <0.005  | <0.005      | <0.005       |                                       |   |
| CHLOROBENZENE                | 0.1      | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| 1,2-DICHLOROBENZENE          | 0.6      | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| STYRENE                      | 0.1      | <0.005        | 0.017                                 | <0.005  | <0.005      | <0.005       |                                       |   |
| TETRACHLOROETHENE            | 0.003    | 0.0071        | <0.003                                | <0.003  | <0.003      | <0.003       |                                       |   |
|                              |          | - · · · · - · |                                       | <0.005  | 0.0063      | <0.005       |                                       |   |
| TOLUENE                      | 1        | <0.005        | 0.036                                 |         |             | <0.005       |                                       | - |
| TRANS-1,2-DICHLOROETHYLENE   | 0.1      | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| XYLENES                      | 10       | 0.090         | 0.061<br>0.030                        | <0.005  | <0.005      |              |                                       |   |
| METHYLENE CHLORIDE           | 0.005    | <0.005        |                                       | <0.005  | <0.005      | <0.005       |                                       |   |
| 1,2,4-TRICHLOROBENZENE       | 0.07     | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| 1,1,2-TRICHLOROETHANE        | 0.005    | <0.005        | <0.005                                | <0.005  | <0.005      | <0.005       |                                       |   |
| DETAINS OPERATOR DEGETOTORS  | •        |               |                                       |         |             |              |                                       |   |
| PRIMARY ORGANICS-PESTICIDES: | 2 0 000  | -0.001        | -0.001                                | -0 001  | -0.001      |              |                                       |   |
| ALACHLOR                     | 0.002    | <0.001        | <0.001                                | <0.001  | <0.001      |              | •                                     | • |
| ATRAZINE                     | 0.003    | <0.001        | <0.001                                | <0.001  | <0.001      |              |                                       |   |
| SIMAZINE                     | 0.004    | <0.001        | <0.001                                | <0.001  | <0.001      |              |                                       |   |
| CHLORDANE                    | 0.002    | <0.0001       | <0.0001                               | <0.0001 | <0.0001     |              |                                       |   |
| ENDRIN                       | 0.00002  | <0.00002      | · · · · · · · · · · · · · · · · · · · |         |             |              |                                       |   |
| HEPTACHLOR                   | 0.0004   | <0.00001      |                                       |         | <del></del> |              |                                       |   |
| HEPTACHLOR EPOXIDE           | 0.0002   | <0.00002      |                                       |         |             | -            |                                       |   |
| GAMMA-BHC                    | 0.0002   | <0.00001      |                                       |         |             |              |                                       |   |
| METHOXYCHLOR                 | 0.04     | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       |   |
| TOXAPHENE                    | 0.003    | <0.001        | <0.001                                | <0.001  | <0.001      |              |                                       |   |
| PCB-1016                     | 0.0005   | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       |   |
| PCB-1221                     | 0.0005   | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       |   |
| PCB-1232                     | 0.0005   | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       |   |
| PCB-1242                     | 0.0005   | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       | • |
| PCB-1248                     | 0.0005   | <0.0005       | <0,0005                               | <0.0005 | <0.0005     |              |                                       | · |
| PBC-1254                     | 0.0005   | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       |   |
| PCB-1260                     | 0.0005   | <0.0005       | <0.0005                               | <0.0005 | <0.0005     |              |                                       |   |

## CITRUS COUNTY CENTRAL LANDFILL

| GROUNDWATER MONITORING | <b>;</b> - | BACKGROUND | ANALYSIS | - | 17-550 F.A.C. |  |
|------------------------|------------|------------|----------|---|---------------|--|
|------------------------|------------|------------|----------|---|---------------|--|

| PAGE TH                                 | REE  |  |             |             |          |             |      |   |      |
|---|--|--|-------------|-------------|----------|-------------|------|---|------|
| DATE:                                   | MCL MG/L   | MW-4                                     | MW-5        | MW-6        | MW-AA    |             |      |   |      |
| 222000000000000000000000000000000000000 |  |  |             |             |          | *********** |      |   | **** |
| PARAMETERS:                             |  | ·  |             | <del></del> |          | ·           |      |   |      |
| PRIMARY ORGANICS-HERBICIDES:            |  |  |             |             |          |             |      |   |      |
| 2,4-D                                   | 0.07   | <0.0005                                  |             | <0.0005     | <0.0005  | •           | •    |   |      |
| DALAPON                                 | 0.2  | <0.010                                   | <0.010      | <0.010      | <0.010   |             |      |   |      |
| DINOSEB                                 | 0.007  | <0.0005                                  | <0.0005     | <0.0005     | <0.0005  |             |      |   |      |
| PENTACHLOROPHENOL                       | 0.001  | <0.001                                   | <0.001      | <0.001      | <0.001   |             |      |   |      |
| PICLORAM                                | 0.5  | <0.0005                                  | <0.0005     | <0.0005     | <0.0005  |             |      |   |      |
| 2,4,5-TP SILVEX                         | 0.050  | <0.0005                                  | <0.0005     | <0.0005     | <0.0005  |             |      |   |      |
|   |  |  |             |             |          |             |      |   |      |
| PRIMARY ORGANICS:                       | The state of the s | · 一、 | er Gregoria | <u> </u>    |          |             |      |   |      |
| CARBOFURAN                              | 0.04   | <0.001                                   | <0.001      | <0.001      | <0.001   |             |      |   |      |
| OXAMYL                                  | 0.2  | <0.001                                   | <0.001      | <0.001      | <0.001   |             |      |   |      |
| GLYPHOSATE                              | 0.7  | <0.350                                   | <0.350      | <0.350      | <0.350   |             |      |   | ,    |
| ENDOTHALL                               | 0.1  | <0.010                                   | <0.010      | <0.010      | <0.010   |             |      | - |      |
| DIQUAT                                  | 0.02   | <0.001                                   | <0.001      | <0.001      | <0.001   |             |      |   |      |
|   |  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1    | y Albertan  |             |          |             |      |   |      |
| PRIMARY ORGANICS-FUMIGANTS:             |  |  |             |             |          |             |      |   |      |
| 1,2-DIBROMOETHANE (EDB)                 | 0.00002  | <0.00002 <                               | a.00002 ·   | <0.00002    | <0.00002 |             |      |   |      |
| 1,2-DIBROMO-3-CHLOROPROPANE             | 0.00002  | <0.00002 <                               | 0.00002     | <0.00002    | <0.00002 |             | •    | _ |      |
|   |  | 7.3                                      |             |             |          |             |      |   |      |
| PRIMARY ORGANICS-BN:                    |  | 7 7 38.5 ·                               |             |             |          |             |      |   |      |
| BENZO (a) PYRENE                        | 0.0002   | <0.0002                                  | <0.0002     | <0.0002     | <0.0002  |             |      |   |      |
| BIS (2-ETHYL HEXYL) ADIPATE             | 0.006  | <0.002                                   | <0.002      | <0.002      | <0.002   |             |      |   |      |
| BIS (2-ETHYLHEXYL) PHTHALATE            | 0.006  | 0.013                                    | 0.004       | <0.002      | <0.002   |             |      |   |      |
| HEXACHLOROBENZENE                       | 0.001  | <0.001                                   | <0.001      | <0.001      | <0.001   | <b>¢</b>    |      |   |      |
| HEXACHLOROCYCLOPENTADINE                | 0.05   | <0.001                                   | <0.001      | <0.001      | <0.001   | •           |      |   |      |
|   |  |  |             |             |          |             |      |   |      |
|   | <u> </u>   |  |             |             |          |             | 2549 |   |      |
| WATER LEVEL (FROM TOP OF CASING)        |  | 114.89 1                                 | 14.66       | 110.91      | 101.44   |             |      |   |      |
|   |  |  |             |             |          |             |      |   | 1    |

| CITRUS COUNTY CENTRAL LANDFILL  |   |                            |  |  |                                       |                     |          |
|---|---|----------------------------|--|--|---------------------------------------|---------------------|----------|
| GROUNDWATER MONITORING - QUARTERLY PAR  |   |                            | G.WK4)                                 |  |                                       |                     |          |
| JULY, 1994 - 17-701 F.A.C.  | MW-A & MCL mg/l DELETE  | 1<br>D MW-B                | MW-C                                   | MW-D   | MW-2                                  | MW-3                |          |
| WATER LEVEL (TO TOP OF CASING) FEET<br>SPECIFIC CONDUCTANCE                     |   | 107.16<br>34               | 110.11                                 | 104.60   | 130.20<br>37                          | 114.31<br>47        |          |
| PH UNITS<br>DISSOLVED OXYGEN<br>TURBIDITY NTU                                   | 6.5-8.5   | 5.4<br>1.5<br>8.3          | 3.9                                    | 7.7<br>1.3<br>7.4                                | 6.1<br>4.4                            | 6.6<br>160          |          |
| TEMPERATURE AT SAMPLING DEG. C<br>COLOR, PCU<br>AMMONIA - N UNIONIZED MG/L AS N | 15  | 26<br><5<br><0.010         | 24<br>20<br><0.010                     | 26<br>10<br><0.010                               | 24<br><5                              | 22<br>20            |          |
| ARSENIC ALKALINITY (TO PH 4.5) AS CaCO3 CADMIUM                                 | 0.05<br>0.005   | <0.010<br>6.0              | <0.010<br>100                          | <0.010<br>140                                    | <0.0050                               | <0.0050             |          |
| CHLORIDE<br>CHROMIUM  | 250<br>0.1  | 3.2<br><0.011              | 4.3<br><0.010                          | 5.3<br><0.010                                    | 3.7<br><0.010<br>0.79                 | 4.3<br>0.015<br>2.9 |          |
| IRON LEAD HERCURY   | 0.3<br>0.015<br>0.002   | sages of the training      | <0.0050<br><0.0002                     | 0.74<br><0.0050<br>0 <0.0002                     | 0                                     |                     |          |
| NITRATE - N<br>SODIUM<br>TOTAL DISSOLVED SOLIDS                                 | 160<br>500  | 3.7<br>12<br><1.0          | 2.6<br>110<br>1.1                      | 2.9<br>160<br><1.0                               | 2.5<br>20<br>1.6                      | 4.8<br>32<br>2.6    |          |
| TOTAL ORGANIC CARBON  PURGEABLE HALOCARBONS (601):                              |   | <b>\1.</b> *               |  |  |                                       |                     |          |
| BROMODICHLOROMETHANE<br>BROMOFORM   | 0.10  | <0.001<br><0.005           | <0.001<br><0.005                       | <0.001<br><0.005                                 |                                       |                     |          |
| BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE                                 | 0.003<br>0.1  | <0.001<br><0.001<br><0.001 |  | <0.001<br><0.001                                 |                                       |                     |          |
| CHLOROETHANE 2-CHLOROETHYLVINYL ETHER CHLOROFORM                                | 0.10  | <0.001<br><0.010<br><0.001 | <0.001<br><0.010<br><0.001             | <0.001<br><0.010<br><0.001                       | ** Indiagram 1   24   14   1          |                     | . *      |
| CHEUROFORM  | 0.16  | (0.001                     | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | <b>(0.001</b>                                    | A A A A A A A A A A A A A A A A A A A |                     |          |
|   | in transis is the second washing the second of the second | mingen me to Them Charles  |  | <u>. 1995 (                                 </u> | <u> </u>                              |                     | ·        |
|   |   |                            |  |  |                                       |                     |          |
|   | s in the system and produced by the programme of the state of the SST   | <u>- 175 ya - 114 - 15</u> |  |  |                                       |                     | <u> </u> |

| 3            |  |  |   |                            | Page 2     |
|--------------|--|--|---|----------------------------|------------|
| 4            | CITRUS COUNTY CENTRAL LANDFILL   |  |   |                            |            |
| 7<br>8<br>9  | GROUNDWATER HONITORING - QUARTE JULY, 1994 - 17-701 F.A.C.                       | RLY PARAHETERS  MW-A & 1  MCL mg/1 DBLETED   |   | HW-D HW-2                  |            |
| 7 - 12       | PURGEABLE HALOCARBONS (601): (CONTINUED)   |  |   |                            | 医胃红氏管 医血液器 |
| <br>         | CHLOROMETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZENE                           | 0.6 A  | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001<br><0.001<br><0.001 |            |
| ) = 1 = 1    |  | 0.075  | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001<br><0.001<br><0.001 |            |
| Finis        | 1,2-DICHLOROETHANE<br>1,1-DICHLOROETHENE   | 0.007<br>9.003<br>4.00.007   | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001<br><0.001           |            |
|              | cis/trans-1,2-DICHLOROETHYLENE<br>1,2-DICHLOROPROPANE<br>cis/1,3-DICHLOROPROPENE | 0.005<br>0.001   | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001<br><0.001<br><0.001 |            |
| ) <u>1</u>   | trans-1,3-DICHLOROPROPENE METHYLENE CHLORIDE* 1,1,2,2-TETRACHLOROETHANE          | 0.005  | <0.001 <0.001<br>0.004 <0.001<br>5<0.001 <0.001 | <0.001<br><0.001           |            |
| ) <u> </u>   | 1,1,2-TRICHLOROETHANE  | 0.003<br>0.2   | 0.0014 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001<br><0.001<br><0.001 |            |
| <u>ام (م</u> | TRICHLOROETHENE TRICHLOROFLUOROMETHANE VINYBUCHLORIDE                            | in the order of the contract o | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001                     |            |
| - 10 0       | 4<br>5<br>6  | /  |   |                            |            |
|              |  | Section 1987 to 5  |   |                            |            |
| ) 414        | 9  |  | ······································          |                            |            |
|              | 4  |  |   |                            |            |

|  |                   |   |                            |  |                            |                                    | Pag      |
|--|-------------------|---|----------------------------|--|----------------------------|------------------------------------|----------|
| CITRUS COUNTY                                      | CENTRAL LANDFILL  |   |                            |  |                            |                                    |          |
| JULY, 1994 -                                       |                   |   | A & 1<br>ETED HW-B         | MW-C                                   | MM-D HM-                   | -2 MW-3                            |          |
| PURGEABLE AROM                                     | ATICS (602):      |   |                            |  |                            |                                    |          |
| BENZENE<br>CHLOROBENZENE                           |                   | 0.001<br>0.1                                    | <0.001<br><0.001           | 288 C. M.C. TOT BETTER 1775 A. 1915. A | <0.001<br><0.001           |                                    |          |
| 1,2-DICHLOROBE<br>1,3-DICHLOROBE<br>1,4-DICHLOROBE | NZENE<br>NZENE    | Ø.6<br>Ø.075                                    | <0.001<br><0.001<br><0.001 | <0.001<br><0.001<br><0.001             | <0.001<br><0.001<br><0.001 | <u> </u>                           |          |
| ETHYLBENZENE<br>TOLUENE<br>XYLBNES                 |                   | 0.7<br>1 1 2 2 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | <0.001<br><0.001<br><0.001 | <0.001                                 | <0.001<br><0.001           |                                    |          |
| METHYL-TERT-BU<br>TOTAL VOLATILE                   | ORGANIC AROMATICS |   | <0.010<br><0.001           |  | <0.010<br><0.001           |                                    |          |
|  | ATURATION INDEX)  | 1<br>0.05                                       |                            |  | -4.                        | 079 0.029<br>.0: -2.6<br>044 0.050 |          |
| ODOR, TON<br>SULFATE AS SO4<br>ZINC                |                   | 3<br>250<br>5                                   |                            |  | 8<br><5.<br>0.1            | .0 <5.0                            | <u> </u> |
| PECAL COLIFORN                                     | HF CAL/100 HL     | 484   |                            |  | <1<br>0.2                  |                                    |          |

|      | GROUNDWATER MONITORING - QUARTERLY PAR   | MW-A                | (QUARTLY   |                     |                     |             | · •                                   |
|------|--|---------------------|--|---------------------|---------------------|-------------|---------------------------------------|
|      | APRIL, 1994 - 17-701 F.A.C.  | MCL mg/1 DELET      | ED MW-B  | MW-C                | MW-D                | MW-2        |                                       |
|      | WATER LEVEL (TO TOP OF CASING) FEET  |                     | 106.57   | 110.63              | 104.26              | 129.07      | 113.42                                |
|      | SPECIFIC CONDUCTANCE PH UNITS  | 6.5-8.5             | 37<br>5.2  | 250<br>7.5          | 35 <u>0</u>         | 35<br>6.3   | 60                                    |
|      | DISSOLVED OXYGEN   |                     | 1.3  | 4.1                 | 1.5                 |             | 6.5                                   |
|      | TURBIDITY NTU  | 1                   | 4.0  | 13                  | 4.3                 | 11          | 1000                                  |
|      | TEMPERATURE AT SAMPLING DEG. C COLOR, PCU  | 15                  | 2 <b>4</b><br><5   | 24<br>20            | 26<br>5             | 24<br>5     | 24                                    |
|      | AHMONIA - N UNIONIZED MG/L AS N  | 15                  | <0.010   | <0.010              | <0.010              | 5           | 400                                   |
|      | ARSENIC  | 0.05                | <0.010   | <0.010              | <0.010              |             | 5.5.2.2.34.4                          |
|      | ALKALINITY (TO PH 4.5) AS CaCO3 CADMIUM  | 2 225               | 7.0  | 100                 | 150                 |             |                                       |
|      | CHLORIDE   | <b>0.005</b><br>250 | 2.7  | 4.3                 | · <0.0050           | 1.6         | <0.0050<br>2.7                        |
|      | CHROMIUM   | 0.1                 | <0.010   |                     | <0.010              | <0.010      | 0.033                                 |
|      | IRON   | <u> </u>            | 0.42   |                     |                     | 0.53        | 6.7                                   |
|      | LEAD<br>MERCURY  | 0.015<br>0.002      |  | <0.0050<br><0.00020 |                     |             |                                       |
|      | NITRATE - N  | 10                  |  | <0.050              |                     |             | <0.050                                |
|      | SODIUM   | 160                 | 3.2  | 2.5                 | 2.7                 | 2.1         | 4.8                                   |
|      | TOTAL DISSOLVED SOLIDS TOTAL ORGANIC CARBON  | 500                 | 30<br>1.4  | 130<br>1.4          | 180<br>1.0          | 28<br><1.0  | 56<br>2.1                             |
|      |  |                     |  |                     |                     | 1 4 25 (A)  |                                       |
| .;*; | PURGEABLE HALOCARBONS (601):   |                     |  |                     |                     |             |                                       |
|      |  |                     |  |                     |                     |             |                                       |
|      | BROHODICHLOROMETHANE   |                     | <0.001   | <0.001              | <0.001              |             |                                       |
|      | BROMOFORM BROMOMETHANE   | 0.10                | <0.005<br><0.001   | <0.005              | <0.005<br><0.001    | 4 34 34 1 S | SA SEC. 16. 36                        |
|      | CARBON TETRACHLORIDE   | 0.003               | <0.001   | <0.001              | 20/51/2011 N. Co. 1 |             |                                       |
|      | CHLOROBENZENE  | 0.1                 | <0.001   | <0.001              |                     | Make 1      | and the second                        |
|      | CHLOROETHANE<br>2-CHLOROETHYLVINYL ETHER   |                     | <0.001<br><0.001   | <0.001<br><0.001    | <0.001<br><0.001    |             |                                       |
|      | CHLOROFORM   | 0.10                | <0.001   | <0.001              | <0.001              |             |                                       |
|      |  |                     |  |                     |                     |             |                                       |
| s.   |  |                     |  |                     |                     |             |                                       |
|      |  |                     | f www.nigethalonialan   Legista Philips of   | ergentalegy in a    | 24,300              | -           | · · · · · · · · · · · · · · · · · · · |
|      |  |                     |  |                     |                     |             |                                       |
|      |  |                     |  |                     |                     | <del></del> |                                       |
|      | The state of the s |                     | 2000年 1月 10 日本 日本 日本日本 1975年 1971年 1975年 | ・ コン・ス・オキー カーカー     | 12. 2               |             |                                       |
|      |  |                     |  |                     |                     |             |                                       |

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|---|------------------|------------------|------------------|------------------|---|
| CITRUS COUNTY CENTRAL LANDFILL              |                  |                  |                  |                  |   |
| GROUNDWATER MONITORING - QUARTERLY PARAMETE | RS               | ARTONIA TOUR     |                  |                  |   |
|   | MW-A &           | 1                |                  | * 4              |   |
| APRIL, 1994 - 17-701 F.A.C.                 | MCL mg/1 DELETED | MW-B             | MW-C             | MW-D             | MW-2 MW-3   |
|   | ************     | *******          |                  |                  |   |
| PURGEABLE HALOCARBONS (601):                |                  |                  |                  |                  |   |
| (CONTINUED)                                 |                  |                  |                  |                  |   |
| CHLOROMETHANE                               |                  | <0.001           | <0.001           | <0.001           |   |
| DIBROMOCHLOROMETHANE                        |                  | <0.001           | <0.001           | <0.001           |   |
| 1,2-DICHLOROBENZENE                         | 0.6              | <0.001           | <0.001           | <0.001           |   |
| 1,3-DICHLOROBENZENE                         | 0.075            | <0.001           | <0.001           | <0.001           |   |
| 1,4-DICHLOROBENZENE                         | 0.075            | <0.001           | <0.001<br><0.001 | <0.001<br><0.001 |   |
| DICHLORODIFLUOROMETHANE                     | 0.007            | <0.001<br><0.001 | <0.001           | <0.001           |   |
| 1,1-DICHLOROETHANE                          | 0.001<br>0.003   | <0.001           | <0.001           | <0.001           |   |
| 1,2-DICHLOROETHANE<br>1,1-DICHLOROETHENE    | 0.003            | <0.001           | <0.001           | <0.001           |   |
| cis/trans-1,2-DICHLOROETHYLENE              | 0.007            | <0.001           | <0.001           | <0.001           | engal en line algebal en la nombre bras la presidente boto en 1994, de la granda la nombre en 1000 en 1000 en<br>Transporte en la compresión de la compresión |
| 1,2-DICHLOROPROPANE                         | 0.005            | <0.001           | <0.001           | <0.001           |   |
| cis/1,3-DICHLOROPROPENE                     | 0.001            | <0.001           | <0.001           | <0.001           | •   |
| trans-1,3-DICHLOROPROPENE                   | 0.001            | <0.001           | <0.001           | <0.001           |   |
| METHYLENE CHLORIDE                          | 0.005            | 0.004            | <0.001           | <0.001           |   |
| 1,1,2,2-TETRACHLOROETHANE                   | 0.000            | <0.001           | <0.001           | <0.001           |   |
| TETRACHLOROETHENE                           | 0.003            | 0.0014           | <0.001           | <0.001           | 2. A B. C. S. C. 18, 18, 17, 50. The control of the Philips 27, 18, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17  |
| 1,1,1-TRICHLOROETHANE                       | 0.2              | <0.001           | <0.001           | <0.001           |   |
| 1,1,2-TRICHLOROETHANE                       |                  | <0.001           | <0.001           | <0.001           |   |
| TRICHLOROETHENE                             |                  | <0.001           | <0.001           | <0.001           |   |
| TRICHLOROFLUOROMETHANE                      |                  | <0.001           | <0.001           | <0.001           |   |
| VINYL CHLORIDE                              | 0.001            | <0.001           | <0.001           | <0.001           |   |
|   |                  |                  | <del></del>      |                  |   |

|  |   |  | Page  |
|--|---|--|---|
| CITRUS COUNTY CENTRAL LANDFILL   |   |  |   |
| GROUNDWATER MONITORING - QUARTE APRIL, 1994 - 17-701 F.A.C.  | NV-A 6  |  | -2 <b>MW-3</b>                                |
| PURGEABLE AROMATICS (602):   |   |  |   |
| BENZENE<br>CHLOROBENZENE   | 0.001°<br>0.1   | <0.001 <0.001 <0.001<br><0.001 <0.001 <0.001   |   |
| 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE  | 0.6<br>0.075  | <0.001 <0.001 <0.001<br><0.001 <0.001 <0.001<br><0.001 <0.001 <0.001                                 |   |
| ETHYLDENZENE<br>TOLUENE<br>XYLENES   | 0.7<br>1<br>10.5  | <pre>&lt;0.001 &lt;0.001 &lt;0.001 &lt;0.001 &lt;0.001 &lt;0.001 &lt;0.001 &lt;0.001 &lt;0.001</pre> |   |
| METHYL-TERT-BUTYL ETHER TOTAL VOLATILE ORGANIC AROMATIC  |   | <0.001 <0.001 <0.001<br><0.001 <0.001 <0.001   |   |
| COOPER<br>CORROSIVITY (SATURATION INDEX)<br>MANGANESE  | 1<br>0.705  | -3   | 048 0 21<br>6 -2 5<br>041 0 13                |
| ODOR, TON<br>SULFATE AS SO4<br>ZINC  | 3<br>250<br>5   | <5<br>0  | 1 0 <5.0                                      |
| PECAL COLIPORN MP CAL/100 ML<br>TKN  | A STATE OF THE STATE OF   | <1   | <10<br>10 0°46<br>                            |
|  |   |  |   |
|  | Same and the same of the same |  |   |
| COOPER CORROSIVITY (SATURATION INDEX) MANGANESE ODOR, TON SULFATE AS SO4 ZINC FECAL COLIFORN MF CAL/100 ML | .1  | 9<br>-3<br>9<br>8<br><5<br>9   | 6 -2.5<br>041 0:13<br>1<br>0 <5.0<br>046 0.39 |

| 1,3            |   |                   |                        |                      |                       |                      |                            | . aye |
|----------------|---|-------------------|------------------------|----------------------|-----------------------|----------------------|----------------------------|-------|
| ١٠١            | CITRUS COUNTY CENTRAL LANDFILL                              |                   |                        | •                    |                       |                      |                            |       |
| 7              | GROUNDWATER MONITORING - QUARTERLY PARA                     |                   |                        | ું કરો.              |                       |                      |                            |       |
| 9              | JANUARY, 1994 - 17-701 F.A.C.                               | MCL mg/1          | MW-A                   | MW-B                 | MW-C                  | HW-D                 | <u>MW-1</u>                | 18    |
| ) 11           | WATER LEVEL (TO TOP OF CASING) FEET<br>SPECIFIC CONDUCTANCE |                   | 110.41<br>970          | 105.43               | 110.89<br>210         | 104.99<br>280        | 112.60<br>79               |       |
| )<br>          | PH UNITS<br>DISSOLVED OXYGEN                                | 6.5-8.5           | 6.6<br><1.0            | 5.5<br>1.2           | 7.9<br>4.0            | 7.7<br>1.7           | 6.9<br>5.3                 |       |
| 16             | TEMPERATURE AT SAMPLING DEG. C<br>COLOR, PCU                | 15                | 31.0<br>26<br>180.0    | 4.6<br>24<br><5.0    | 26.0<br>25 ,<br>450.0 | <5.0                 | 250.0<br>24<br>180.0       |       |
| 10             | AMMONIA - N UNIONIZED MG/L AS N ARSENIC                     | . ;. 0:05°        | <0.010<br>** 0.013     | <0.010               |                       | <0.010               | <0.010                     |       |
| 7              |   | 6.905             | , 530.0<br><0.0050     | <0.0050              |                       | <0.0050              | <0.0050                    |       |
| ) 23           | CHLORIDE<br>CHROHIUH<br>IRON                                | 250<br>0.1<br>0.3 | 29.0<br><0.010<br>15.0 |                      | 21.0<br><0.010<br>2.8 | <0.010               | 0.20                       |       |
| 25             | LEAD MERCURY NITRATE - N                                    | 0.015<br>0.502    | 0.055                  | <0.0050<br>- <0.0002 | <0.0050<br><0.0002    | <0.0050<br><0.0002   | 0.028<br>⊋<0.0002          |       |
| 29<br>29<br>00 | SODIUM TOTAL DISSOLVED SOLIDS TOTAL ORGANIC CARBON          | 160<br>500        | 6.4<br>600.0<br>4.1    | 3.1<br>38.0<br><1.0  | 2.4                   | 2.9<br>170.0<br><1.0 | 4.4<br>94.0<br>300.0       |       |
| ) 22           | PURGEABLE HALOCARBONS (601).                                |                   | 795.e                  |                      |                       |                      |                            |       |
| ) 25           | BROMODICHLOROMETHANE<br>BROMOPORM                           | 0.10              | <0.001<br><0.005       | - · · - <del>-</del> | <0.001<br><0.005      | <0.001<br><0.005     | <0.001<br><0.005           | -     |
| ) 38<br>39     | BROMOMETHANE CARBON TETRACHLORIDE CHLOROBENZENE             | 0.003/            | <0.001<br><0.001       | <0.001               | <0.001<br><0.001      | <0.001<br><0.001     | <0.001<br><0.001<br><0.001 |       |
| 11             | CHLOROETHANE<br>2-CHLOROETHYLVINYL ETHER<br>CHLOROFORM      | 0.10              | <0.001<br><0.010       | <0.001               | <0.001<br><0.010      | <0.001<br><0.010     | <0.001<br><0.010<br><0.001 |       |
| ) 44           |   |                   |                        |                      |                       |                      |                            | 4.5 m |
| 1 40           |   |                   |                        |                      | -                     | ·                    |                            |       |
| ر<br>اوا       |   |                   |                        |                      |                       |                      |                            |       |
| 1 2            |   |                   |                        |                      |                       | <del> </del>         |                            |       |

| CITRUS COUNTY CENTRAL LANDFILL                       |  |                      | ,                |                       | ,                |                                       |  |
|--|--|----------------------|------------------|-----------------------|------------------|---------------------------------------|--|
| GROUNDWATER HONITORING - QUARTERLY PA                | ARAMETERS  |                      |                  |                       |                  |                                       |  |
|  |  | 1.00                 | <b>4</b>         |                       |                  |                                       | .*                                     |
| JANUARY, 1994 - 17-701 F.A.C.                        | MCL mg/l   | MV-A                 | HW-B             | HW-C                  | HW-D             | HW-1                                  |  |
| PURGEABLE HALOCARBONS (601):                         |  |                      |                  |                       |                  |                                       |  |
| 2  |  |                      |                  |                       |                  |                                       |  |
| CHLOROMETHANE DIBROMOCHLOROMETHANE                   |  | <0.001<br><0.001     | <0.001<br><0.001 | <0.001<br><0.001      | <0.001<br><0.001 | <0.001<br><0.001                      |  |
| 1,2-DICHLOROBENZENE                                  | 0.6  | <0.001               | <0.001           | <0.001                | <0.001           | <0.001                                | 474                                    |
| 1,3-DICHLOROBENZENE                                  | 0.035  | <0.001               | <0.001           | <0.001                | <0.001<br><0.001 | <0.001<br><0.001                      |  |
| 1,4-DICHLOROBENZENE DICHLORODIFLUOROMETHANE          | 0.075  | 0.019<br>0.0056      | <0.001<br><0.001 | <0.001<br><0.001      | <0.001           | <0.001                                |  |
| 1,1-DICHLOROETHANE                                   | 0:007  | <0.001               | <0.001           | and the second second | <0.001           | <0.001                                |  |
| 1,2-DICHLOROETHANE 1,1-DICHLOROETHENE                | 0.003<br>5 0.007   | . <0.001<br>. <0.001 | <0.001<br><0.001 | <0.001<br><0.001      | <0.001<br><0.001 | <0.001<br><0.001                      |  |
| cis/trans-1,2-DICHLOROETHYLENE                       |  | 0.0011               | <0.001           | <0.001                | <0.001           | <0.001                                | and the same and same                  |
| 1,2-DICHLOROPROPANE                                  | 0.005  | <0.001               | <0.001           | <0.001                | <0.001           | <0.001                                |  |
| cis/1,3-DICHLOROPROPENE<br>trans-1,3-DICHLOROPROPENE |  | <0.001<br><0.001     | <0.001<br><0.001 | <0.001<br><0.001      | <0.001<br><0.001 | <0.001                                |  |
| METHYLENE CHLORIDE                                   | CONTRACTOR OF THE PARTY OF THE P | <0.001               | <0.001           | .′<0.001              | <0.001           | 0.0026                                |  |
| 1.1.2.2-TETRACHLOROETHANE                            |  | 20.001               |                  |                       |                  | <0.001                                |  |
| TETRACHLOROETHENE 1,1,1-TRICHLOROETHANE              | 0.2  | <0.001<br><0.001     | <0.001<br><0.001 | <0.001<br><0.001      | <0.001<br><0.001 | <0.001<br><0.001                      |  |
| 1.1.2-TRICHLOROETHANE                                |  | <0.001               | <0.001           | <0.001                | <0.001           | <0.001                                |  |
| TRICHLOROBTHENE TRICHLOROFLUOROMETHANE               |  | ≥0.001<br>≥0.001     | <0.001<br><0.001 | <0.001<br><0.001      | <0.001<br><0.001 | <0.001<br><0.001                      | and the second second                  |
| VINVI CUIODIDE                                       | 0.001  | 0.0086               |                  |                       | Cardio State 1   | <0.001                                |  |
|  |  |                      |                  |                       |                  |                                       |  |
|  |  |                      |                  |                       |                  |                                       |  |
|  |  | 147 <del>9</del> 6   |                  |                       |                  |                                       | 5.25 (S.45)                            |
|  |  |                      |                  |                       |                  | · · · · · · · · · · · · · · · · · · · |  |
| <u>a</u>   |  |                      |                  |                       |                  |                                       |  |
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| 6  |  |                      |                  |                       |                  |                                       |  |
| 14<br>15<br>16<br>17<br>18<br>19                     | ·  |                      |                  |                       |                  |                                       | •                                      |
| 15   |  |                      |                  |                       |                  |                                       |  |
| <i>t</i>   |  |                      |                  |                       |                  |                                       |  |
| 21<br>5'   |  | <del></del>          |                  |                       |                  |                                       | ······································ |
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|--|---|--|---|------------------|-------------------|--|
| CITRUS COUNTY CENTRAL LANDFILL   |   |  | ,                                       |                  |                   |  |
| GROUNDWATER MONITORING - QUARTERLY PARA  | (통통기 : 설계 ) 발표 (1 m ) : 1 m ) | ***  |   |                  |                   |  |
| JANUARY, 1994 - 17-701 F.A.C.  | MCL mg/l  | MW-A HW-B                                    | HW-C                                    | MW-D             | <u>MW-1</u>       | •  |
| PURGEABLE AROMATICS (602):   |   | :  |   |                  | ·                 |  |
| BENZENE  | 0.001   | 0.0031 <0.0                                  | 001 <0.001                              |                  | <0.001            | 8 13. ×  |
| CHLOROBENZENE 1,2-DICHLOROBENZENE  | <b>9.1</b><br>0.6   | 0.0061 <0.0<br><0.001 <0.0                   | 001 <0.001                              |                  | <0.001<br><0.001  |  |
| 1,3-DICHLOROBENZENE 1.4-DICHLOROBENZENE  | 0.075   | <0.001 <0.0<br>0.019 <0.0                    | 001 <0.001                              | <0.001<br><0.001 | <0.001<br><0.001  |  |
| BTHYLBENZENE<br>Toluene<br>Xylenes   | 9,7   | . <0.001 <0.0                                |   | <0.001           | 0.0037            |  |
| HETHYL-TERT-BUTYL ETHER  | 10  | <u>*** &lt;0.001* &lt;0.6</u><br><0.010 <0.6 |   |                  | 0.0044<br><0.010  |  |
| TOTAL VOLATILE ORGANIC AROMATICS   | (   | 0.0031 <0.6                                  | 001 <0.001                              | <0.001           | 0.0081            |  |
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|----------|--|---|----------------------------|---------------------------------------|------------------|----------------------------|----------------------|--|-----------------------|
|          | CITRUS COUNTY CENTRAL LANDFILL                           |   |                            | •                                     |                  | •                          |                      |  |                       |
|          | GROUNDWATER HOWITORING - QUARTERLY PARAMETE              | RS  |                            |                                       |                  |                            |                      | (QUARTLYG-WK                           | 1)                    |
|          | OCTOBER, 1993 - 17-701 F.A.C.                            | HCL mg/l  | HW-A                       | MW-B                                  | HW-C             | HW-D                       | HW-1                 |  |                       |
|          | WATER LEVEL (TO TOP OF CASING) FEET SPECIFIC CONDUCTANCE |   | 105.66<br>850              | 106.49<br>27                          | 113.21<br>210    | 104.75<br>360              | 112.45<br>120        |  |                       |
|          | PH UNITS<br>DISSOLVED OXYGEN                             | 6.5-8.5   | 6.4<br><1.0                | 5.1<br>4.9                            | 7.9              | 7.2<br>1.5                 | 6.8<br><1.0          |  |                       |
|          | TURBIDITY NTU<br>TEMPERATURE AT SAMPLING DEG. C          |   | 70 5 7<br>29               | 6.1<br>28                             | 29               | 22<br>31                   | 400 · 👎 🕯            |  |                       |
|          | COLOR, PCU<br>AMMONIA - N UNIONIZED MG/L AS N            | 15  | 160<br><0.010              | <5<br><0.010                          | 35<br><0.010     | 30<br><0.010               | 70<br><0.010         |  |                       |
|          | ARSHUIC ALKALIBITY (TO PH 4.5) AS CaCO3                  | 0.05  | 0.015<br>430               |                                       | 110              | -<0.010<br>180             | 52, , , ,            |  |                       |
|          | CADMIUM CHLORYDB   | 0.005<br>250  | 3.6                        | 2.6                                   | 4.1              | 5.6                        | 3.6                  |  |                       |
|          | CHROHIUM<br>IROM   | 0.1<br>0.3  | <0.010<br>16               | <0.010<br>0.73                        | <0.010<br>7.1    | <0.010<br>1.6              | 0.62<br>30           |  |                       |
|          | LBAD<br>HBRCURT  | 0.015<br>0.002  | <0.0002                    | <0.0050<br><0.0002                    | <0.0002          | <0.000                     | 2` <0.0002           | N/M                                    | de la company         |
| ,        | NITRATE - N<br>SODIUH                                    | 10<br>160   | <0.050<br>6.7              | 0.13 d                                | <0.050<br>2.5    | 3.6                        | 0.14j;;;<br>8.1      |  |                       |
|          | TOTAL DISSOLVED SOLIDS TOTAL ORGANIC CARBON              | 500   | 490<br>5.5                 | 32<br>1.0                             | 130<br>1.6       | 220<br>2.0                 | 82<br>3.9            |  | •                     |
| Ţ        | PURGEABLE HALOCARBONS (601):                             |   |                            |                                       |                  | 9124                       | 19<br>19 (4 ) 4 (5 ) |  |                       |
| 31.      | BROMODICHLOROMETHANE                                     |   | <0.001                     | <0.001                                | <0.001           | <0.001                     | <0.001               |  |                       |
|          | Bromoform<br>Виомометная                                 | 0.10  | <0.005<br>- <0.001         | <0.005                                | <0.005           | <0.005                     | <0.005               |  |                       |
| 75.<br>1 | CARBON TETRACHLORIDE<br>CHLOROBENZEWE                    | 0.003   | <0.001                     |                                       | <0.001           | <0.001<br><0.001<br><0.001 | <0.001               |  |                       |
| S.       | CHLOROETHANE<br>2-CHLOROETHYLVINYL ETHER                 | <u> 4. 4. 4. 4. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.</u>             | <0.003<br><0.001<br><0.010 | <0.001                                | <0.001<br><0.010 | <0.001<br><0.001<br><0.010 | <0.001               | (* * * * * * * * * * * * * * * * * * * |                       |
|          | CHLOROPORH   | 0.10  | <0.001                     |                                       | <0.001           | <0.001                     |                      |  |                       |
|          |  |   |                            |                                       |                  |                            |                      |  |                       |
|          |  |   |                            | <u>+ 4 - May 773 -</u>                |                  |                            |                      |  | ng wasang a walang an |
|          |  | ng i ng magamangan g ng taona ar abankhan a m tabahanna ga ma' agaar maga |                            |                                       |                  |                            |                      |  |                       |
|          |  |   |                            |                                       |                  |                            |                      |  |                       |
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|          | · · · · · · · · · · · · · · · · · · ·                    |   |                            |                                       |                  |                            |                      |  |                       |
|          |  |   | •                          |                                       |                  |                            |                      |  |                       |

| CITRUS COUNTY CENTRAL LANDFILL  GROUNDWATER HONITORING - QUARTERLY PARAMETERS  OCTOBER, 1993 - 17-761 F.A.C.   |  |   |  | Page 2                                    |
|--|--|---|--|---|
| OCTOBER, 1993 - 17-761 F.A.C.  | CITRUS COUNTY CENTRAL LANDFILL               | . ,                                     |  |   |
| PURGEABLE HALOCARBONS (601):  CHLURONETHANE DIBROMOCHLOROMETHANE 1,2-DICHLOROBENZEME 0,6 (-0.01) (-0.001 (-0.0 | GROUNDWATER HONITORING - QUARTERLY PARAMETER |   |  | Andrew Street                             |
| PURGEABLE HALOCARBONS (601).  CHLOROMETHANE  CHLOROMETHANE  DIBROMOCALDROMETHANE  0.6 0.001  |  | HCL mg/l HW-A MW-B                      | HM-C HM-D HM-1   |   |
| DIBROMOCHLOROMETHANE   |  |   |  | ***************                           |
| 1,2-DICHLOROBENZENE  |  |   |  | and the state of the second design of the |
| 1,4-DICHLOROBENTENE  | 1,2-DICHLOROBENZENE                          | 0.6 <0.001 <0.001                       | <0.001 <0.001 <0.00 <b>!</b>   |   |
| 1,1-DICHLOROETHANE   | 1,4-DICHLOROBENZENE                          | 0.075 0.022 <0.001                      | <0.001 0.0011 <0.001   |   |
| 1, I - DICHLOROETHREE  |  | 0.007 <0.001 <0.001                     | <0.001 <0.001 <0.001   |   |
| CINYTRANS-1, Z-DICHLOROETHYLENE  |  |   |  |   |
| Cis/1,3-Dichloropropens  | cls/trans-1,2-DICHLOROETHYLENE               |   |  |   |
| METHYLENE CHLORIDE   | cis/1,3-DICHLOROPROPENE                      | <0.001 <0.001                           | <0.001 <0.001 <0.001   |   |
| TETRRCHLOROETHENE  | HETHYLENE CHLORIDE                           | <0.001 <0.001                           | ~ <0.001   |   |
| 1,1,2-TRICHLOROETHANE  | TETRACHLOROETHENE                            | <0.001 <0.001                           | <0.001 <0.001 <0.001   |   |
| TRICHLOROPLUOROHETHANE   | 1,1,2-TRICHLOROETHANE                        | <0.001 <0.001                           | <0.001 <0.001 <0.001   |   |
|  | TRICHLOROPLUOROMETHANE                       | <0.001 <0.001                           | <0.001 <0.001 / <0.001 / <0.001 / <  |   |
|  | A VINTL CHLORIDS                             | 0.001                                   | <0.001 <0.001 <0.001   |   |
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| CITRUS COUNTY CENTRAL LANDFILL  GROUNDWATER-HONITORING QUARTERLY PAR | AMP PER DO.  |   |   | a                  | B-SAMPLING                 |             |
|--|--------------|---|---|--------------------|----------------------------|-------------|
| OCTOBER, 1993 - 17-701 F.A.C.  | HCL mg/l     | ни-а ни-в                                       | HM-C HM-D                                       | 1                  | 1/16/93<br>W-1             | ÷ ;         |
| PURGEABLE AROMATICS (602):   |              |   |   |                    |                            |             |
| BENZENE<br>CHLOROBENZENE<br>1,2-DICHLOROBENZENE                      | 0.001<br>0.1 | 0.0029 <0.001<br>0.0052 <0.001<br><0.001 <0.001 | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.00f             | <0.001<br><0.001<br><0.001 |             |
| 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE ETHYLBENZENE                 | 0.075<br>0.7 | <0.001 <0.001<br>0.020 <0.001<br><0.001 <0.001  | <0.001 <0.001<br><0.001 <0.001<br><0.001 <0.001 | <0.001<br><0.001   | <0.001<br><0.001           |             |
| TOLURBE:<br>IYLENES<br>HETHYL-TERT-BUTYL ETHER                       | 10           | <0.001 <0.001<br><0.001 <0.001<br><0.010 <0.010 | <0.001 0.001<br><0.001 <0.001<br><0.010 <0.010  | 3 0.043<br>- 0.055 | <0.001<br><0.001<br><0.001 |             |
| TOTAL VOLATILE ORGANIC AROMATICS                                     |              | 0.0029 <0.001                                   | <0.001 0.001                                    |                    | <0.001                     |             |
|  |              |   |   |                    |                            |             |
|  |              |   |   |                    |                            |             |
|  |              | entributa estitui                               |   | ( particular       | nition that the            |             |
|  |              |   | 1,1,1,1   |                    |                            |             |
|  |              |   |   |                    | 10 mg/mg/2000              |             |
|  |              |   |   |                    |                            |             |
|  |              |   | <u> </u>  |                    |                            | (* )<br>- 5 |
|  |              |   |   |                    |                            |             |
|  |              |   |   |                    |                            | <i>:</i>    |
|  |              |   |   |                    |                            |             |

GWM803/WK1 80 ACRE SITE

| NITOR WELL 3  |  |  | 1991   |   |  | 1992   | ,       |
|---|--|--|--|---|--|--|---------|
| PRIMARY   | CONTAMINENT<br>LEVEL   | SEPTEMBER  | OCTOBER  | JANUARY   | APRIL  | JULY   | OCTOBER |
| Nitrate-N   | 10   |  | 0.093  | 0.077   | 0.16   | <0.050   | <0.050  |
| Sodium  | 160  |  | 12   | 8.5   | 12   | 8.8  | 8.0     |
| Turbidity   | 1  |  | 45   | 750   | 800  | 350  | 500     |
| Cadmium   | 0.010  |  | <0.0050  | <0.0050   | 0.0075   | <0.0050  | <0.0050 |
| Chromium  | 0.05   |  | 0.063  | 0.030   | 0.095  | 0.022  | <0.046  |
| Chloride  | 250  |  | <1.0   | 4.0   | 6.0  | 5.0  | 4.9     |
| Color   | 15   | ئات منت شب شاه انت<br>ا  | 550  | <0.025  | 20   | 20   | 10      |
| Copper  | 1  |  | 0.029  | <0.025  | 0.041  | <0.025   | 0.041   |
| Corrosivity   | -0.2 to +0.2   |  | -2.0   | -2.2  | -2.1   | -2.3   | -2.5    |
| Iron  | 0.3  |  | 15   | 6.0   | 23   | 5.2  | 11      |
| Manganese   | 0.05   |  | 0.14   | 0.042   | 0.27   | 0.046  | 0.13    |
| Odor  | 3  |  | 2  | 2.0   | 2  | 2  | 2       |
| PH Units  | 6.5 - 8.5  |  | 6.9  | 7.0   | 6.9  | 7.0  | 6.6     |
| Sulfate   | 250  |  | <5.0   | 6.9   | <5.0   | 9.3  | <5.0    |
| TDS   | 500  | الياد جات شير جين جان<br>ال  | 6.0  | 210   | 280  | 28   | 44      |
| Zinc  | 5  |  | 0.30   | 0.081   | 0.66   | 0.15   | 0.29    |
| Temperature   | N/A  |  | 21   | 20  | 23   | 24   | 24      |
| TOC   | N/A  |  | 1.9  | 1.4   | 2.3  | 2.0  | 1.4     |
| Specific Cond.  | N/A  |  | 50   | 48  | 50   | 50   | 43      |
| Water Level   | M/ A   |  | 112.01'  | 113.15'   | 113.85'  | 115.00'  | 113.73  |
|   | <b>77</b> (4)  |  | <1   | <1  | <1   | <1   | <1      |
|   | N / A  |  |  |   | ` •  | ` •  |         |
| Fecal Coliform TKN  80 ACRE SITE  | N/A<br>N/A   |  | 0.16   | 0.23  | 0.30   | 0.26   | 0.46    |
| Fecal Coliform TKN  80 ACRE SITE ONITOR WELL 3  | N/A CONTAMINENT  |  | 0.16   | 0.23  | ,  |  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  | N/A  | JANUARY  | 0.16   | 0.23  | O.30  OCTOBER  | 0.26 JANUARY   | ,       |
| Fecal Coliform TKN  80 ACRE SITE ONITOR WELL 3 PRIMARY Nitrate-N  | N/A  CONTAMINENT  LEVEL  10  | <0.050   | 0.16<br>1<br>APRIL<br>0.050  | 0.23<br>.993<br><br><0.050  | OCTOBER<br>  | JANUARY<br>====================================                          | 1994    |
| Fecal Coliform TKN  80 ACRE SITE NITOR WELL 3 PRIMARY Nitrate-N Sodium  | N/A  CONTAMINENT  LEVEL  10 160  | <0.050<br>5.4  | 0.16<br>APRIL<br>0.050<br>5.0  | 0.23 .993 JULY  | OCTOBER<br><br><0.050<br>8.8   | JANUARY<br>  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE NITOR WELL 3  PRIMARY Nitrate-N Sodium Turbidity   | N/A  CONTAMINENT  LEVEL  10  160  1  | <0.050<br>5.4<br>220   | 0.16  APRIL  0.050 5.0 120   | 0.23 .993 JULY  | OCTOBER<br>  | JANUARY<br>  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium  | N/A  CONTAMINENT LEVEL  10 160 1 0.010   | <0.050<br>5.4<br>220<br><0.0050  | 0.16  APRIL  0.050 5.0 120 <0.0050   | 0.23  .993  JULY  <0.050 6.1  650 <0.0050   | OCTOBER <0.050 8.8 310 <0.0050   | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Sodium Turbidity Cadmium Chromium   | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05  | <0.050<br>5.4<br>220<br><0.0050<br><0.014  | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010  | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037   | OCTOBER <0.050 8.8 310 <0.0050 0.062   | JANUARY <0.050 4.5 250 <0.0050 0.11                                      | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride   | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250  | <0.050<br>5.4<br>220<br><0.0050<br><0.014<br>3.6   | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4  | 0.23  .993  JULY  <0.050 6.1  650 <0.0050 0.037 3.8   | OCTOBER  | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7                                 | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color   | N/A  CONTAMINENT  LEVEL  10 160 1 0.010 0.05 250 15  | <0.050<br>5.4<br>220<br><0.0050<br><0.014<br>3.6<br>15   | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20   | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037 3.8 160   | OCTOBER  <0.050 8.8 310 <0.0050 0.062 3.1 400  | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7 400                             | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride   | N/A  CONTAMINENT  LEVEL  10 160 1 0.010 0.05 250 15 1  | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025</pre>   | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025  | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037 3.8 160 <0.025  | OCTOBER  <0.050 8.8 310 <0.0050 0.062 3.1 400 <0.025   | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7 400 <0.025                      | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color   | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2  | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9</pre>  | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1   | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037 3.8 160 <0.025 -2.0   | OCTOBER  <0.050 8.8 310 <0.0050 0.062 3.1 400 <0.025 -5.6  | JANUARY <0.050 4.5 250 <0.0050 0.11 4.7 400 <0.025 -3.1                  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color Copper  | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3  | <0.050 5.4 220 <0.0050 <0.014 3.6 15 <0.025 -2.9 2.2   | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3   | 0.23  JULY  <0.050 6.1 650 <0.0050 0.037 3.8 160 <0.025 -2.0 9.6  | OCTOBER  <0.050 8.8 310 <0.0050 0.062 3.1 400 <0.025 -5.6 13                                     | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7 400 <0.025 -3.1 2.2             | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Cadmium Chromium Chromium Chloride Color Copper Corrosivity   | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05                                       | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028</pre>  | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018                                       | 0.23  JULY  | OCTOBER  | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7 400 <0.025 -3.1 2.2 0.034       | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chromium Chloride Color Copper Corrosivity Iron  | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3                                     | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2</pre>                                      | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2                                     | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037 3.8 160 <0.025 -2.0 9.6 0.13 2                                    | OCTOBER  | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7 400 <0.025 -3.1 2.2 0.034 1     | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chromium Chloride Color Copper Corrosivity Iron Manganese  | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5                           | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7</pre>                                  | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6                                 | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037 3.8 160 <0.025 -2.0 9.6 0.13 2 7.3                                | OCTOBER  | JANUARY  <0.050 4.5 250 <0.0050 0.11 4.7 400 <0.025 -3.1 2.2 0.034 1 6.5 | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Sodium Turbidity Cadmium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate  | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250                       | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0</pre>                          | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0                            | 0.23  JULY  <0.050 6.1 650 <0.0050 0.037 3.8 160 <0.025 -2.0 9.6 0.13 2 7.3 <5.0                            | OCTOBER  <0.050 8.8 310 <0.0050 0.062 3.1 400 <0.025 -5.6 13 0.13 2 6.6 <5.0                     | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Sodium Turbidity Cadmium Chromium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units   | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500                   | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18</pre>                       | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32                         | 0.23  JULY  <0.050 6.1 650 <0.0050 0.037 3.8 160 <0.025 -2.0 9.6 0.13 2 7.3 <5.0 40                         | OCTOBER  | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Sodium Turbidity Cadmium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate  | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5                 | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18 0.15</pre>                  | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32 0.066                   | 0.23  JULY  | OCTOBER  | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate TDS Zinc Temperature                                      | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A             | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18 0.15 24</pre>               | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32 0.066 23                | 0.23  JULY  | OCTOBER  | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate TDS Zinc  | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A N/A         | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18 0.15 24 3.2</pre>           | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32 0.066 23 1.8            | 0.23  JULY  | OCTOBER  | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate TDS Zinc Temperature TOC Specific Cond. | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A             | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18 0.15 24 3.2 42</pre>        | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32 0.066 23 1.8 37         | 0.23  JULY  | OCTOBER  | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Cadmium Turbidity Cadmium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate TDS Zinc Temperature TOC Specific Cond. Water Level       | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A N/A N/A N/A | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18 0.15 24 3.2 42 112.55</pre> | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32 0.066 23 1.8 37 113.40' | 0.23  JULY  <0.050 6.1  650 <0.0050 0.037 3.8 160 <0.025 -2.0 9.6 0.13 2 7.3 <5.0 40 0.51 23 1.2 43 114.25' | OCTOBER   <0.050 8.8 310 <0.0050 0.062 3.1 400 <0.025 -5.6 13 0.13 2 6.6 <5.0 34 0.064 23 1.7 32 | JANUARY  | 1994    |
| Fecal Coliform TKN  80 ACRE SITE  NITOR WELL 3  PRIMARY  PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chromium Chloride Color Copper Corrosivity Iron Manganese Odor PH Units Sulfate TDS Zinc Temperature TOC Specific Cond. | N/A  CONTAMINENT LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A N/A         | <pre>&lt;0.050 5.4 220 &lt;0.0050 &lt;0.014 3.6 15 &lt;0.025 -2.9 2.2 0.028 2 6.7 &lt;5.0 18 0.15 24 3.2 42</pre>        | 0.16  APRIL  0.050 5.0 120 <0.0050 <0.010 5.4 20 <0.025 -3.1 1.3 0.018 2 6.6 <5.0 32 0.066 23 1.8 37         | 0.23  JULY  | OCTOBER  | JANUARY  | 1994    |

80 ACRE SITE GWM802/WK1

MONITOR WELL 2

1991

| PRIMARY  | CONTAMINENT<br>LEVEL  | SEPTEMBER  | OCTOBER  | JANUARY   | APRIL   | JULY   | OCTOBE        |
|--|---|--|--|---|---|--|---------------|
| Nitrate-N  | 10  | <0.50  |  | 0.050   | <0.050  | <0.50  | <0.05         |
| Sodium   | 160   | 5.6  |  | 8.0   | 5.4   | 5.9  | 2.8           |
| Turbidity  | 1   | 15   |  | 15  | 4.1   | 18   | 6.1           |
| Cadmium  | 0.010   | <0.0050  |  | 0.0060  | <0.0050   | <0.0050  | <0.00         |
| Chromium   | 0.05  | <0.010   |  | <0.010  | <0.010  | <0.010   | <0.01         |
| Chloride   | 250   | 3.9  |  | 3.9   | 2.8   | 3.0  | 2.0           |
| Color  | 15  | 5  |  | 20  | 20  | 25   | 20            |
| Copper   | 1   | <0.025   |  | 0.043   | <0.025  | <0.025   | 0.12          |
| Corrosivity  | -0.2 to $+0.2$  | -2.2   |  | -1.6  | -1.9  | -1.2   | -2.8          |
| Iron   | 0.3   | 1.6  |  | 2.7   | 2.1   | 2.6  | 1.3           |
| Manganese  | 0.05  | 0.063  |  | 0.12  | 0.10  | 0.12   | 0.05          |
| Odor   | 3   | 1  |  | 5.0   | 32  | 65   | 65            |
| PH Units   | 6.5 - 8.5   | 7.0  |  | 7.2   | 6.9   | 7.5  | 6.5           |
| Sulfate  | 250   | <5.0   |  | <5.0  | <5.0  | <5.0   | <5.0          |
| TDS  | 500   | 72   |  | 66  | 56  | 56   | 24            |
| Zinc   | 5   | 0.024  |  | 0.065   | 0.043   | 0.14   | 0.04          |
| Temperature  | N/A   | 22.8   |  | 17  | 22  | . 23   | 23            |
| TOC  | N/A   | 5.2  |  | 1.4   | 9.9   | 15   | 4.5           |
| Specific Cond.   | N/A   | 59   |  | 91  | 90  | 94   | 45            |
| Water Level  |   | 128.79'  |  | 128.48'   | 128.90'   | 135.05'  | 129.63        |
| Fecal Coliform   | N/A   | <1   |  | <1  | <1  | <1   | <1            |
| TKN  | N/A   | 0.46   |  | 2.8   | 0.98  | 2.5  | 0.67          |
| 80 ACRE SITE   |   |  |  | ٠   |   |  |               |
| 80 ACRE SITE   | CONTAMINENT   |  | . 1  | 1993  |   |  | 1994          |
| PRIMARY  | CONTAMINENT<br>LEVEL  | JANUARY  | APRIL  | 1993<br>JULY  | OCTOBER   | JANUARY  |               |
| IITOR WELL 2   |   | <0.050   | APRIL<br><0.050  | JULY<br>  | <0.050  | <0.050   |               |
| PRIMARY  | LEVEL   | <0.050<br>2.7  | APRIL<br><0.050<br>2.4   | JULY<br><0.050<br>2.3   | <0.050<br>2.1   | <0.050<br>2.1  |               |
| PRIMARY Nitrate-N  | LEVEL<br>==================================   | <0.050<br>2.7<br>13  | APRIL<br><0.050<br>2.4<br>6.9  | JULY<br><0.050<br>2.3-<br>6.9   | <0.050<br>2.1<br>5.5  | <0.050<br>2.1<br>2.1   |               |
| PRIMARY  Nitrate-N Sodium  | LEVEL<br>10<br>160  | <0.050<br>2.7  | APRIL<br><0.050<br>2.4<br>6.9  | JULY<br><0.050<br>2.3-<br>6.9   | <0.050<br>2.1<br>5.5  | <0.050<br>2.1<br>2.1   |               |
| PRIMARY  Nitrate-N Sodium Turbidity  | LEVEL<br>10<br>160<br>1   | <0.050<br>2.7<br>13  | APRIL<br><0.050<br>2.4<br>6.9  | JULY<br><0.050<br>2.3-<br>6.9   | <0.050<br>2.1<br>5.5  | <0.050<br>2.1<br>2.1   |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  | LEVEL<br>10<br>160<br>1<br>0.010  | <0.050<br>2.7<br>13<br><0.0050   | APRIL<br><0.050<br>2.4<br>6.9<br><0.0050   | JULY<br><0.050<br>2.3-<br>6.9<br><0.0050  | <0.050<br>2.1<br>5.5<br><0.0050   | <0.050<br>2.1<br>2.1<br><0.0050  |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  Chromium  | LEVEL<br>10<br>160<br>1<br>0.010<br>0.05  | <0.050<br>2.7<br>13<br><0.0050<br><0.010   | APRIL<br><0.050<br>2.4<br>6.9<br><0.0050<br><0.010   | JULY <0.050 2.3 6.9 <0.0050 <0.010  | <0.050<br>2.1<br>5.5<br><0.0050<br><0.010   | <0.050<br>2.1<br>2.1<br><0.0050<br><0.010  |               |
| PRIMARY PRIMARY Nitrate-N Sodium Turbidity Cadmium Chromium Chloride   | LEVEL  10 160 1 0.010 0.05 250  | <0.050<br>2.7<br>13<br><0.0050<br><0.010<br>4.9  | APRIL<br><0.050<br>2.4<br>6.9<br><0.0050<br><0.010<br>3.6  | JULY <0.050 2.3 6.9 <0.0050 <0.010 2.7  | <0.050<br>2.1<br>5.5<br><0.0050<br><0.010<br>2.1  | <0.050<br>2.1<br>2.1<br><0.0050<br><0.010<br>5.8   |               |
| PRIMARY  Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color  | LEVEL  10 160 1 0.010 0.05 250 15   | <0.050<br>2.7<br>13<br><0.0050<br><0.010<br>4.9<br>10  | APRIL<br><0.050<br>2.4<br>6.9<br><0.0050<br><0.010<br>3.6<br><5                                  | JULY <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5   | <0.050 2.1 5.5 <0.0050 <0.010 2.1 <5  | <0.050 2.1 2.1 <0.0050 <0.010 5.8 <5   |               |
| PRIMARY  PRIMARY  Nitrate-N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper   | LEVEL  10 160 1 0.010 0.05 250 15   | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025</pre>  | APRIL <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025  | JULY <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025  | <0.050 2.1 5.5 <0.0050 <0.010 2.1 <5 <0.025   | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025</pre>  |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3                                    | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6</pre>   | APRIL <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9   | JULY <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8   | <0.050 2.1 5.5 <0.0050 <0.010 2.1 <5 <0.025 -4.5  | <0.050 2.1 2.1 <0.0050 <0.010 5.8 <5 <0.025 -4.2   |               |
| PRIMARY  PRIMARY  Nitrate-N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2  | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7</pre>   | APRIL <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4                                       | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2  | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67</pre>   | <0.050 2.1 2.1 <0.0050 <0.010 5.8 <5 <0.025 -4.2 0.78  |               |
| PRIMARY PRIMARY Nitrate-N Sodium Turbidity Cadmium Chromium Chloride Color Copper Corrosivity Iron Manganese   | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05                               | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074</pre>                                   | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055                                | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045                                  | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027</pre>                                   | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030</pre>  |               |
| PRIMARY  PRIMARY  Nitrate-N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units   | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3                             | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260</pre>                               | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260                            | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260                              | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8</pre>                                 | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2</pre>  |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units  Sulfate  | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250               | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260 6.5</pre>                           | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260 6.6                        | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260 6.9 <5.0                     | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8 6.3</pre>                             | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2 6.0</pre>                                    |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units  Sulfate  TDS   | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5                   | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260 6.5 &lt;5.0 26</pre>                | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260 6.6 <5.0 14                | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260 6.9 <5.0 20                  | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8 6.3 &lt;5.0</pre>                     | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2 6.0 &lt;5.0</pre>                            |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units  Sulfate  TDS  Zinc                                   | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5         | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260 6.5 &lt;5.0</pre>                   | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260 6.6 <5.0 14 0.053          | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260 6.9 <5.0 20 <0.020           | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8 6.3 &lt;5.0 38</pre>                  | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2 6.0 &lt;5.0 36</pre>                         |               |
| PRIMARY  PRIMARY  Nitrate—N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units  Sulfate  TDS  Zinc  Temperature                      | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A     | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260 6.5 &lt;5.0 26 0.070</pre>          | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260 6.6 <5.0 14                | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260 6.9 <5.0 20                  | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8 6.3 &lt;5.0 38 &lt;0.020</pre>        | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2 6.0 &lt;5.0 36 &lt;0.020</pre>               |               |
| PRIMARY  PRIMARY  Nitrate-N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units  Sulfate  TDS  Zinc  Temperature  TOC  Specific Cond. | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5         | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260 6.5 &lt;5.0 26 0.070 22 26 56</pre> | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260 6.6 <5.0 14 0.053 23 14 46 | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260 6.9 <5.0 20 <0.020 24 8.4 43 | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8 6.3 &lt;5.0 38 &lt;0.020 24</pre>     | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2 6.0 &lt;5.0 36 &lt;0.020 24 &lt;1.0 27</pre> |               |
| PRIMARY  PRIMARY  Nitrate-N  Sodium  Turbidity  Cadmium  Chromium  Chloride  Color  Copper  Corrosivity  Iron  Manganese  Odor  PH Units  Sulfate  TDS  Zinc  Temperature  TOC                 | LEVEL  10 160 1 0.010 0.05 250 15 1 -0.2 to +0.2 0.3 0.05 3 6.5 - 8.5 250 500 5 N/A N/A | <pre>&lt;0.050 2.7 13 &lt;0.0050 &lt;0.010 4.9 10 &lt;0.025 -2.6 1.7 0.074 260 6.5 &lt;5.0 26 0.070 22 26</pre>    | APRIL  <0.050 2.4 6.9 <0.0050 <0.010 3.6 <5 <0.025 -2.9 1.4 0.055 260 6.6 <5.0 14 0.053 23 14    | JULY  <0.050 2.3 6.9 <0.0050 <0.010 2.7 <5 <0.025 -2.8 1.2 0.045 260 6.9 <5.0 20 <0.020 24 8.4    | <pre>&lt;0.050 2.1 5.5 &lt;0.0050 &lt;0.010 2.1 &lt;5 &lt;0.025 -4.5 0.67 0.027 8 6.3 &lt;5.0 38 &lt;0.020 24 1.4</pre> | <pre>&lt;0.050 2.1 2.1 &lt;0.0050 &lt;0.010 5.8 &lt;5 &lt;0.025 -4.2 0.78 0.030 2 6.0 &lt;5.0 36 &lt;0.020 24 &lt;1.0</pre>    | 1994<br>APRIL |

Specific Cond. Water Level Fecal Coliform

TKN

N/A

N/A

N/A

| 80 ACRE SITE           |  |               |         |         | (              | SWM801.WK | ı       |
|------------------------|--|---------------|---------|---------|----------------|-----------|---------|
| MONITOR WELL 1         |  |               | 1991    |         |                | 1992      |         |
| PRIMARY                | CONTAMINENT<br>LEVEL                   | SEPTEMBER     | OCTOBER | JANUARY | APRIL          | JULY      | OCTOBER |
| Nitrate-N              | 10                                     | <0.050        |         | 0.057   | <0.050         | 0.27      | <0.050  |
| Sodium                 | 160                                    | 4.5           |         | 4.1     | 5.0            | 5.2       | 2.6     |
| Turbidity              | 1                                      | 46            |         | 15      | 450            | 90        | 24      |
| Cadmium                | 0.010                                  | <0.0050       |         | <0.0050 | <0.0050        | <0.0050   | <0.005  |
| Chromium               | 0.05                                   | <0.010        |         | <0.010  | 0.035          | <0.010    | <0.010  |
| Chloride               | 250                                    | 5.6           |         | 4.3     | 4.3            | 4.5       | 3.9     |
| Color                  | 15                                     | <b>&lt;</b> 5 |         | <5.0    | <5             | 5         | <5      |
| Copper                 | 1                                      | <0.025        |         | <0.025  | <0.025         | 0.099     | 0.029   |
| Corrosivity            | -0.2 to $+0.2$                         | -2.5          |         | -1.2    | -0.66          | -1.2      | -2.3    |
| Iron                   | 0.3                                    | 0.75          |         | 0.18    | 5.6            | 0.54      | 0.21    |
| Manganese              | 0.05                                   | <0.010        |         | <0.010  | 0.10           | 0.014     | <0.010  |
| Odor                   | 3                                      | <1            |         | 4.0     | <1             | 2         | <1      |
| PH Units               | 6.5 - 8.5                              | 6.8           |         | 7.8     | 8.0            | 7.6       | 6.7     |
| Sulfate                | 250                                    | <5.0          |         | <5.0    | <5.0           | <5.0      | <5.0    |
| TDS                    | 500                                    | 47            |         | 40      | 56             | 60        | 24      |
| Zinc                   | 5                                      | 0.090         |         | 0.026   | 0.14           | 0.14      | 0.062   |
| Temperature            | N/A                                    | 23.2          |         | 21      | 24             | 24        | 25      |
| TOC                    | N/A                                    | 8.7           |         | 1.8     | 3.1            | 5.4       | 4.0     |
| Specific Cond.         | N/A                                    | 57            |         | 69      | 80             | 88        | 45      |
| Water Level            |  | 110.48'       |         | 111.89' | 112.11'        | 114.07'   | 109.82' |
| Fecal Coliform         | N/A                                    | <1            |         | <1      | <1             | <1        | <1      |
| TKN                    | N/A                                    | 0.83          |         | <0.10   | <0.10          | 0.40      | <0.10   |
| 80 ACRE SITE           |  | •             | •       |         |                |           |         |
| ONITOR WELL 1          | CONTAMINENT                            |               | ]       | L993    | •              |           | 1994    |
| PRIMARY                | LEVEL                                  | JANUARY       | APRIL   | JULY    | OCTOBER        | JANUARY   | APRIL   |
| :========<br>Nitrate-N | ====================================== | <0.050        | <0.050  | NOTE:   | ======<br>MW-1 | EE======  | ======  |
| Sodium                 | 160                                    | 3.1           | 4.0     |         | DED WITH       |           | *       |
| Turbidity              | 1                                      | 12            | 6.0     | 60 AC   | RE SITE        |           |         |
| Cadmium                | 0.010                                  | <0.0050       | <0.0050 |         | ETERS PER      |           |         |
| Chromium               | 0.05                                   | <0.010        | <0.010  | PERMI:  |                |           |         |
| Chloride               | 250                                    | 6.8           | 13      |         | TIONS -        | •         |         |
| Color                  | 15                                     | <5            | 15      |         | TERM CARE      |           | ,       |
| Copper                 | 1                                      | <0.025        | <0.025  |         | TIVE 7/93      |           |         |
| Corrosivity            | -0.2 to +0.2                           | -1.5          | -2.7    |         |                | •         |         |
| Iron                   | 0.3                                    | 0.13          | 0.22    |         |                |           |         |
| Manganese              | 0.05                                   | <0.010        | <0.010  |         |                |           |         |
| Odor                   | 3                                      | 1             | 1       |         |                |           |         |
| PH Units               | 6.5 - 8.5                              | 7.3           | 6.7     |         | •              |           |         |
|                        | 250                                    | <5.0          | <5.0    |         |                |           |         |
| Sulfate                | 500                                    | 22            | 34      |         |                |           |         |
| TDS                    | 500                                    | 0.043         | 0.099   |         |                |           |         |
| Zinc                   | N/A                                    | 24            | 24      |         |                |           |         |
| Temperature<br>TOC     | N/A<br>N/A                             | 5.9           | 5.2     |         |                |           |         |
| Specific Cond          | N/A<br>N/A                             | 69            | 50      |         |                |           |         |

50 112.20'

<1 0.17

69 111.33'

<1 <0.10

|                                     |             |   |                                    |   | ر المستوالية المستوادية المستوادية .<br>- المستوالية المستوادية المستوادية . |         |
|-------------------------------------|-------------|---|------------------------------------|---|--|---------|
| ANNUAL PARAMETERS                   | MCL'S 07/93 | MW-A  | MW-B                               | MW-C  | MW-D   | MW-1    |
| ANTIMONY                            | 0.006       | <0.0050   | <0.0050                            | <0.0050   | <0.0050  | <0.0050 |
| ARSENIC                             | 0.05        | 0.012   | <0.010                             | <0.010  | <0.010   | <0.010  |
| ASBESTOS                            | 7 MFL*      | 0.00*   | 0.00*                              | 0.00*   | 0.00*  | 0.00*   |
| BARIUM                              |             | 0.13  | <0.010                             | <0.010  | 0.071  | 0.080   |
| BERYLLIUM                           | 0.004       |   | <0.0040                            | <0 .ॄ0040   |  | <0.0040 |
| CADMIUM                             | 0.005       | <0.0050   |                                    | <0.0050   | <0.0050  | <0.0050 |
| CHROMIUM                            | 0.1         | <0.010  | 1990 - Jane Walder Williams (1994) | <0.010  | <0.010   |         |
| CYANIDE                             | 0.2         | <0.010  | <0.010                             | <0.010  |  |         |
| PLUORIDE                            | 4.0         | <0.20   | <0.20                              | <0.20   | <0.20  | <0.20   |
| LEAD                                | 0.015       | <0.0050   | <0.0050                            | ₹0.0050   |  |         |
| MERCURY                             | 0.002       |   |                                    |   | <0.00020   |         |
| NICKEL                              | 0.1         | <0.040  | <0.040                             | <0.040  | <0.040   | <0.040  |
| NITRATE-N                           | 10          |   | 0.097                              | 0:510   | <0.050   | <0.050  |
| NITRITE-N                           |             | <0.050  | <0.050                             | <0.050  | <0.050   | <0.050  |
| NITRATE + NITRITE - N               | 10          | <ul> <li>1. *** *** *** *** *** *** *** *** *** *</li></ul> | 0.097                              | 0.058   | <0.050   | <0.050  |
| SELENIUM                            | 0.05        | <0.010  | <0.010                             | ₹0.010  | <0.010   | ₹0.010  |
| SODIUM                              | 160         | 7.0   | 3.0                                | 2.6   | 4.0  | 3.0     |
| THALLIUM                            | 0.002       | <0.010  | <0.010                             | <0.010  | <0.010   | <0.010  |
| TURBIDITY TOTAL COLIFORM MF CAL/100 | 1 NTU       | 120<br><1   | 2.4                                | 6.4   | 12   | 28      |
| GROSS ALPHA pC1/1                   | 70          | 6,6+1.1   | <1<br>0.6+0.1                      | <1<br>0 040 3   | <1<br><0.5+0.3   | <1      |
| GROSS BETA PC1/1                    |             | 8.9+0.9   | 1.4+0.2                            | \$4500 1 PMS()   July 1   1   1   1   1   1   1   1   1   1 | <1.4+0.6   |         |
| Okobb Barn per/r                    |             | 0.5.0.5   | 1.4.0.2                            | 1.0.0.4   | \1.4+0.0   | 3.1+0.3 |
| ALUMINUM                            | 0.2         | <0.20   | 0.49                               | <0.20   | <0.20  | 3.6     |
| CHLORIDE                            | 250         | 5.4   | 2.2                                | 3.8   | 3.2  | 4.3     |
| COLOR, PCU                          | 15          | 180   | <5                                 | 20  | 25   | 10      |
| COPPER                              | 1           | <0.025  | <0.025                             | <0.025  | <0.025   | <0.025  |
| SURFACTANTS (MBAS-EPA 425.          | •           | <0.10   | <0.10                              | <0.10   | ₹0.10  | <0.10   |
| IRON                                | 0.3         | 15  | 0.29                               | 6.5   | 1.4  | 1.0     |
| MANGANESE                           | <b>0.05</b> | 1.6   | <0.010                             | 0.015   | 0.71   | 0.014   |
| ODOR, TON                           | 3           | 8   | 7.3                                | 4   | . 8  | 4       |
| PH, UNITS                           | 6.5 - 8.5   | 6.5   |                                    | 8.2   | 7.1  | 7.0     |
| SILVER                              | 0.1         | <0.010  | <0.010                             | <0.010  | <0.010   | <0.010  |
| SULFATE AS SO4                      | 250         | 7.1   | <5.0                               | <5.0  | <5.0   | <5.0    |
| TOTAL DISSOLVED SOLIDS              | 500         | 480   | 10                                 | 110   | 190  | 30      |
| ZINC                                | <b>5</b> .  | <0.020  | 0.049                              | 0.028   | 0.067  | 0.041   |

14112 6.8.

| GROUNDWATER MONITORING      |                |                   |                        |                      |        |           |
|-----------------------------|----------------|-------------------|------------------------|----------------------|--------|-----------|
| ANNUAL PARAMETERS           | MCL'S 07/93    | MW-A              | MW-B                   | MW-C                 | WM=D   | MW=1      |
| rihalomethanes:             |                |                   |                        |                      |        |           |
| BROMOFORM                   | 0.10           | <b>≺0.001</b>     | <del>~&lt;</del> 0.001 | <del>~~~0.</del> 001 | <0.001 | <0.001    |
| CHLOROFORM                  | 0.10           | <0.001            | <0.001                 | <0.001               | <0.001 | <0.001    |
| DICHLOROBROMOMETHANE        | 0.10           | <0.001            | <0.001                 | <0.001               | <0.001 | <0.001    |
| DIBROHOCHLOROMETHANE        | 0.10           | <0.001            | <0.001                 | <0.001               | <0.001 | <0.001    |
|                             |                |                   |                        |                      |        | 7         |
| PRIMARY/ORGANICS-VOLATILES: |                |                   |                        |                      |        |           |
| VINYL CHLORIDE              | 0.001          | 0.008             | <0.001                 | <0.001               | <0.001 | <0.00     |
| BENZENE                     | 0.001          | 0.0032            | <0.001                 | <0.001               | <0.001 | <0.00     |
| CARBON TETRACHLORIDE        | 0.003          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| 1,2-DICHLOROETHANE          | 0.003          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| PRICHLOROETHENE             | 0.003          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| 1,4-DICHLOROBENZENE (para)  | <b>0.07</b> 5  | 0.002             | <del>&lt;0.001</del>   | <del></del>          | 0.0012 | <0.00     |
| 1,1-DICHLOROETHENE          | 0.007          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| 1,1,1-TRICHLOROETHANE       | 0.2            | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| :18-1,2-DICHLOROETHYLENE    | 0.07           | 0.0012            | <0.001                 | <0.001               | <0.001 | <0.00     |
| 1,2-DICHLOROPROPANE         | 0.005          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| ETHYLBENZENE                | 0.7            | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| CHLOROBENZENE               | 0.1            | <del>0.0052</del> | <del>~</del> <0.001    | <0.001               | <0.001 | ~~~~<0.00 |
| 1,2-DICHLOROBENZENE         | 0.6            | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| STYRENE                     | 0.1            | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| retrachloroethene           | 0.003          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| TOLUENE                     | 1              | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| trans-1,2-DICHLOROETHYLENE  | 0.1            | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| KYLENES                     | 10             | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| METHYLENE CHLORIDE:         |                |                   | _                      | _                    | _      |           |
| (DICHLOROMETHANE)           | 0.005          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| 1,2,4-TRICHLOROBENZENE      | <del>0.7</del> | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
| 1,1,2-TRICHLOROETHANE       | 0.005          | <0.001            | <0.001                 | <0.001               | <0.001 | <0.00     |
|                             |                |                   |                        |                      |        | 1         |

|                                    |                   |  |  |  | rac  | <del>                                      </del> |
|------------------------------------|-------------------|--|--|--|--|---|
| GROUNDWATER MONICANNUAL PARAMETERS |                   | MW-A   | M₩-B   | MW-C   | MW-D   | MW-1  |
| PRIMARY ORGANICS                   |                   |  |  |  |  |   |
| ALACHLOR                           | 0.002             | <0.00  | the control of the co | 4. [1] [14] [16] [18] [14] [14] [15] [16] [16]   |  | <0.001  |
| ATRAZINE                           | 0.003             | <0.00  |  |  |  | <0.001  |
| SIMAZINE                           | 0.004             | <0.00  |  | 144  |  | <0.001  |
| CHLORDANE                          | 0.002             | <0.00  |  |  |  | <0.0001   |
| ENDRIN                             | 0.00002           | 36 (40 1 1 1 6 6 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 | 2020 C - 6 20 - 6 6 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | THEOLOGICAL DECIT SECRET COST 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 002 < 0.00002  |   |
| HEPTACHLOR                         | 0.0004            |  |  |  | 001 < 0.00001  |   |
| HEPTACHLOR EPOXI                   |                   |  | 化铁铁 化二氯甲基酚 化二氯甲基酚 化二氯甲基酚   | 三足をは20世間の作をしましたしょう   | 002 < 0.00002  |   |
| GAMMA=BHC (LINDA) HETHOXYCHLOR     | NE) 0.002<br>0.04 | <0.00  |  |  | 001 <0.00001<br>05 <0.0005   |   |
|                                    | 0.003             |  |  |  |  | <0.0005   |
| 70 TOXAPHENE                       | 0.003             | <0.00  | 11 <0.00   | 01 <0.00   | 1 <0.001   | <0.001  |
| POLYCHLORINATED                    | BIPHENYLS:        |  |  |  |  |   |
| PCB-1016                           | 0.0005            | <0.00  | 005 <0.00  | 00.00  | 05 <0.0005   | <0.0005   |
| PCB-1221                           | 0.0005            | <0.00  | <del>905 &lt;0.0</del> 0   | <del>)05 &lt;0.00</del>  | 05 <0.0005   | <0.0005   |
| PCB-1232                           | 0.0005            | <0.00  | 005 <0.00  | 005 <0.00  | 05 <0.0005   | <0.0005   |
| PCB-1242                           | 0.0005            | <0.00  | 005 <0.00  | 005 <0.00  | 05 <0.0005   | <0.0005   |
| PCB-1248                           | 0.0005            | <0.00  | 005 <0.00  | <b>305 &lt;0.00</b>  | 05 <0.0005   | <0.0005   |
| PCB-1254                           | 0.0005            | <0.00  | 005 <0.00  | 005 <0.00  | 05 <0.0005   | <0.0005   |
| PCB-1260                           | 0,0005            | <0.00  | 005 <0.00  | 005 <0.00  | 05 <0.0005   | <0.0005   |
| PRIMARY ORGANICS                   | _ UPDRICIDES.     |  |  |  | All Miller to the street region of the control of the special between the control of the special between the control of the co | **************************************            |
| 2,4-D                              | 0.07              | <0.00  | 005 <0.00  | 005 <0.00  | 05 <0.0005   | <0.0005   |
| DALAPON                            | 0.2               | <0.01  |  |  |  | <0.01   |
| DINOSEB                            | 0.007             | <0.00  | Marian (1900)  | **************************************   | Standard Communication of the  | <0.0005   |
| PENTACHLOROPHENO                   |                   | <0.00  | \$44.8C.\$44.4C.\$5.0C.\$5.0C.\$5.0C.\$7.5C.\$44.6C.\$5.4A.\$5.  | * 200 20000 40000000 90 F F F F A4 1   |  | <0.001  |
| PICLORAM                           | 0.5               | <0.00  | 0.56.90  | A 1977 Oct. 12 (2000) A 1979 A 19 | The state of the s |   |
| 2,4,5-TP SILVEX                    | 0.050             | <0.00  |  |  | 05 <0.00005  |   |
| CARBOFURAN                         |                   |  |  | 2-1  |  |   |
| OXAMYL                             | 0.04              | <0.00  | ECOLOGICA CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR C   | 2002/08-00000000000000000000000000000000   | Market Market Control of the Control | <0.001  |
| GLYPHOSATE                         | 0.2               | <0.00  | 2004 B.A. COMBRESSON WAS SWINGERS  | 808 CARROS BODO BODO BODO DA GARAGO DE LA CARRO D  | · 175 · 14 · 14 · 14 · 14 · 14 · 14 · 14 · 1   |   |
|                                    | 0.7               | <0.3   | (1997)   |  |  | <0.350  |
| ENDOTHALL<br>DIQUAT                | 0.1<br>0.02       | <0.02<br><0.00                                 |  |  |  | <0.025<br><0.001                                  |
| DIUUAT                             | <b>ひ.</b> ひ.      | ZIA (AC  | ~: 21A /Af   | -: 2/A /A/A  |  | -/2 /2/2 T  |

| GROUNDWATER MONITORING ANNUAL PARAMETERS                                     | MCL'S 07/93       | MW-A                       | MW-B                       | MW-C                       | MW-D                       | MW-1                       |
|--|-------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| PRIMARY ORGANICS-FUMIGANTS:<br>1,2-DIBROMOETHANE (EDB)                       |                   |                            |                            |                            |                            |                            |
| (ETHYLENE DIBROMIDE)  1,2-DIBROMO-3-CHLOROPROPANE (AKA DIBROMOCHLOROPROPANE) | 0.00002<br>0.0002 |                            | <0.00002<br><0.00002       |                            |                            |                            |
| PRIMARY-ORGANICS-BN:<br>BENZO (a) PYRENE                                     | 0.0002            | <0.001                     | <0.001                     | <0.001                     | <0.001                     | <0.001                     |
| BIS (2-ETHYL HEXYL) ADIPATE BIS (2-ETHYLHEXYL) PHTHALATE                     | 0.006<br>0.006    | <0.001<br><0.010<br><0.006 | <0.001<br><0.010<br><0.006 | <0.001<br><0.010<br><0.006 | <0.001<br><0.010<br><0.006 | <0.001<br><0.010<br><0.006 |
| HEXACHLOROBENZENE HEXACHLOROCYCLOPENTADINE                                   | 0.001<br>0.05     | <0.001<br><0,010           | <0.001<br><0.010           | <0.001<br><0.010           | <0.001<br><0.010           | <0.001<br><0.010           |
| WATER LEVEL (TOP OF CASING) F  | EET               | 103.25                     | 107.09                     | 110.41                     | 105.11                     | 112.6                      |

12 G.B.