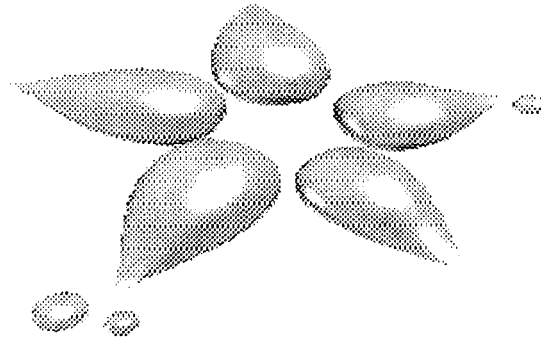


ORIGINAL



United Water

Before the

Florida Public Service Commission

Docket No. 980214-WS

Application for a General Rate Increase

H - 3 Schedule

Containing

25-30.440

Additional Engineering Information

Required of Class A & B

Water and Sewer Utilities

DOCUMENT NUMBER-DATE

05502 MAY 18 88

FPSC-RECORDS/REPORTING

United Water Florida
WTP Dosage Rates Per Plant

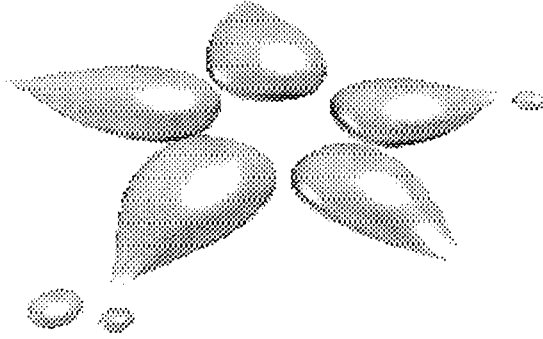
| | <u>Total 1997</u> | Avg. Day | Chlorine | | Corrosion Control | |
|-------------------------|-------------------|-------------------|----------------------|-----------------|-------------------|-------------|
| | <u>Flow mgd</u> | <u>Flow (mgd)</u> | <u>Total 97 (lb)</u> | <u>Avg mg/l</u> | <u>C-5</u> | <u>C-15</u> |
| Alderman | 206.058 | 0.565 | 15753 | 9.17 | | |
| Columbine | 222.059 | 0.608 | 23773 | 12.84 | | |
| Elvia | 248.976 | 0.682 | 18828 | 9.07 | | |
| Lake Lucina | 179.680 | 0.492 | 19729 | 13.17 | | |
| Univ. Prk | 92.904 | 0.255 | 8801 | 11.36 | | |
| Arlington Grid | 949.677 | 2.602 | 86884 | 10.97 | | |
| Holly Oaks | 0 | 0.000 | 0 | 0.00 | | |
| Monument Road | 394.151 | 1.080 | 36024 | 10.96 | | |
| Queen Akers | 32.547 | 0.089 | 2687 | 9.90 | | |
| Holly Oaks Grid | 426.698 | 1.169 | 38711 | 10.88 | | |
| Marshview | 178.3578 | 0.489 | 14811 | 9.96 | | |
| Green Forest | 112.254 | 0.308 | 3721 | 3.97 | | |
| Oak Hill | 113.715 | 0.312 | 5679 | 5.99 | | |
| Wheat Road | 185.832 | 0.509 | 8740 | 5.64 | | |
| Jax Heights Grid | 411.801 | 1.128 | 18140 | 5.28 | | |
| Forest Brook | 16.895 | 0.046 | 965 | 6.85 | | |
| Hyde Grove | 47.763 | 0.131 | 2985 | 7.49 | | |
| Lake Forest | 0 | 0.000 | 0 | 0.00 | | |
| Magnolia Gardens | 51.75 | 0.142 | 4963 | 11.50 | | |
| Venetia Terrace | 20.009 | 0.055 | 583 | 3.49 | | |

**United Water Florida
WTP Dosage Rates Per Plant**

| | <u>Total 1997</u> | <u>Avg. Day</u> | <u>Chlorine</u> | | <u>Corrosion Control</u> | |
|----------------------------|-------------------|-------------------|----------------------|-----------------|--------------------------|-------------|
| | <u>Flow mgd</u> | <u>Flow (mgd)</u> | <u>Total 97 (lb)</u> | <u>Avg mg/l</u> | <u>C-5</u> | <u>C-15</u> |
| Nassau Jail | 4.1138 | 0.011 | 730 | 21.28 | | |
| Ortega Hills | 42.14 | 0.115 | 1592 | 4.53 | | |
| Lofton Oaks | 18.4808 | 0.051 | 2403 | 15.59 | | |
| Amoco | 0.2199 | 0.001 | 91 | 34.75 | | |
| Otter Run | 31.754 | 0.087 | 1905 | 7.19 | | |
| Royal Lakes | 1110.644 | 3.043 | 32913 | 3.55 | | |
| San Jose | 748.246 | 2.050 | 61280 | 9.82 | | |
| St. Johns North | 173.913 | 0.476 | 8519 | 5.87 | | |
| St. Johns Forest | 25.743 | 0.071 | 1030 | 4.80 | | |
| Ponte Vedra North | 63.774 | 0.175 | 3671 | 6.90 | | |
| Corona Road | 335.147 | 0.918 | 14543 | 5.20 | | |
| Ponte Vedra Grid | 398.921 | 1.093 | 17381 | 5.22 | | |
| A1A North | 7.936 | 0.022 | 293 | 4.43 | | |
| A1A South | 0.439 | 0.001 | 28 | 7.65 | | |
| Ponce De Leon | 57.173 | 0.157 | 2011 | 4.22 | | |
| P.D.L. Grid | 65.548 | 0.180 | 2840 | 5.20 | | |
| Total Usage | | | 298,725 | | 49560 | 22009 |
| Total Chemical Cost | | | \$74,744 | | \$37,170 | \$20,908 |
| Unit Cost \$/lb | | | \$0.25 | | \$0.75 | \$0.95 |

**United Water Florida
WWTP Dosage Rates Per Plant**

| | <u>Avg. Day</u> | <u>Chlorine</u> | | <u>Sulfur Dioxide</u> | | <u>Lime</u> | | <u>Polymer</u> | |
|----------------------------|-------------------|----------------------|-----------------|-----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|
| | <u>Flow (mgd)</u> | <u>Total 97 (lb)</u> | <u>Avg mg/l</u> | <u>Total 97 (lb)</u> | <u>Avg mg/l</u> | <u>Total 97 (lb)</u> | <u>Avg mg/l</u> | <u>Total 97 (lb)</u> | <u>Avg mg/l</u> |
| 1. Amoco | 0.001 | 350 | 115.0 | 0 | 0.0 | | | | |
| 2. Holly Oaks | 0.483 | 1749 | 1.2 | 545 | 0.4 | | | | |
| 3. Jax Heights | 1.215 | 0 | 0.0 | 0 | 0.0 | 71826 | 19.4 | | |
| 4. Lofton Oaks | 0.026 | 1248 | 15.8 | 0 | 0.0 | | | | |
| 5. Monterey | 3.011 | 0 | 0.0 | 0 | 0.0 | | | 2150 | 0.2 |
| 6. Ortega Hills | 0.147 | 1503 | 3.4 | 1600 | 3.6 | | | | |
| 7. Ponce de Leon | 0.021 | 979 | 15.3 | 133 | 2.1 | | | | |
| 8. Ponte Vedra | 0.43 | 10860 | 8.3 | 0 | 0.0 | | | | |
| 9. Royal Lakes | 2.173 | 44742 | 6.8 | 14144 | 2.1 | | | | |
| 10. San Jose | 1.997 | 34070 | 5.6 | 14623 | 2.4 | | | | |
| 11. San Pablo | 0.419 | 10648 | 8.3 | 2722 | 2.1 | | | | |
| 12. St Johns North | 0.185 | 12690 | 22.5 | 145 | 0.3 | | | | |
| 13. Sunray (Nassau) | 0.061 | 1796 | 9.7 | 0 | 0.0 | | | | |
| 14. Sunray (St Johns) | 0.029 | 2407 | 27.3 | 0 | 0.0 | | | | |
| Total Usage | | 123042 | | 33912 | | 71826 | | 2150 | |
| Total Chemical cost | | \$36,560 | | \$8,139 | | \$7,757 | | \$29,004 | |
| Unit Cost \$/lb | | \$0.30 | | \$0.24 | | \$0.11 | | \$13.49 | |



United Water

Before the

Florida Public Service Commission

Docket No. 980214-WS

Application for a General Rate Increase

H - 4 Schedule

Containing

25-30.440

Additional Engineering Information

Required of Class A & B

Water and Sewer Utilities

United Water Florida

Water Systems

| <u>System</u> | <u>Public ID #</u> |
|--------------------------------|--------------------|
| Arlington Grid | 2161326 |
| Alderman Park | |
| Columbine | |
| Elvia | |
| Lake Lucina | |
| University Park | |
| Forest Brook | 2160381 |
| Holly Oaks System | 2160924 |
| Holly Oaks | |
| Monument Road | |
| Queen Akers | |
| Hyde Grove | 2160529 |
| Jax Heights System | 2160565 |
| Green Forest | |
| Oak Hill | |
| Wheat Road | |
| Lake Forest | 2160634 |
| Lofton Oaks | 2454338 |
| Magnolia Gardens | 2160708 |
| Marshview | 2160547 |
| Nassau Detention Center | 2454135 |
| Ortega Hills | 2160852 |
| Otter Run | 2454286 |
| Ponce de Leon System | 2554334 |
| Ponce de Leon | |
| A1A North | |
| A1A South | |
| Ponte Vedra System | 2550908 |
| Corona Road | |
| Ponte Vedra North | |
| Royal Lakes | 2160980 |
| San Jose | 2160995 |
| St Johns Forest | 2554368 |
| St Johns North | 2554345 |
| Venetia Terrace | 2161218 |
| Yulee Amoco | 2454310 |

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-2-97 @ 1100 DT
 DATE/TIME SETUP: 12-2-97 @ 1400 DT
 DATE/TIME READ: 12/3/97 @ 0810 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Arlington Grid SYSTEM ID#: 2161326 SYSTEM PHONE #: 721-4601
 ADDRESS: 8043 Carlotta Rd COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Alderman Park WTP

DATE AND TIME COLLECTED: 12-2-97 @ 1100

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | CL2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|---------------------------------|-----|----------|--------------|---------------|-----------------------|----------|
| 1 | well #1 | ✓ | | A | | | 120201 |
| 2 | well #2 | ✓ | | A | | | 120202 |
| 3 | 1036 Carlotta Rd E | 1.0 | | A | | | 120203 |
| 4 | 1005 Parkridge Cir E | 0.6 | | A | | | 120204 |
| 5 | 1305 Alderman Rd E | 0.8 | | A | | | 120205 |
| 6 | 1032 Ald Rd | 1.0 | | A | | | 120206 |
| 7 | 1119 Westlawn Dr | 1.0 | | A | | | 120207 |
| 8 | 7910 Valleyview Dr | 1.0 | | A | | | 120208 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-17-97 @ 1230 RR
 DATE/TIME SETUP: 12-17-97 @ 1400 RR
 DATE/TIME READ: 12/18/97 @ 0800 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Arlington Grid SYSTEM ID#: 2161326 SYSTEM PHONE #: 721-4601
 ADDRESS: 6710 Columbine DR COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Columbine WTP

DATE AND TIME COLLECTED: 12-17-97 @ 1230

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution [] TNTC or C
 Raw [] Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 10 | well | / | | A | | | 1217110 |
| 11 | 2617 Columbine Dr N | 0.5 | | A | | | 1217111 |
| 12 | 2443 Evernia Rd | 1.0 | | A | | | 1217112 |
| 13 | 2617 Charbray Dr | 0.8 | | A | | | 1217113 |
| 14 | 2446 Cotillion Rd | 0.6 | | A | | | 1217114 |
| 15 | 2720 Pine Summit Dr E | 0.5 | | A | | | 1217115 |
| 16 | 6623 Syringa Ln | 0.3 | | A | | | 1217116 |
| 17 | 7032 Barkwood Dr | 0.6 | | A | | | 1217117 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

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 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-2-97 @ 1300 DF
 DATE/TIME SETUP: 12-2-97 @ 1400 DF
 DATE/TIME READ: 12/3/97 @ 0810 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Arlington Grid SYSTEM ID#: 2161326 SYSTEM PHONE #: 721-4601
 ADDRESS: 7755 Elvia Dr COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Elvia WTP

DATE AND TIME COLLECTED: 12-2-97 @ 1300

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

| TO BE COMPLETED BY SAMPLE COLLECTOR | | | | TO BE COMPLETED BY LAB | | | |
|-------------------------------------|------------------------------------|-----|-------------|------------------------|------------------|-----------------------------|-------------|
| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
| 9 | well | / | | A | | | 120209 |
| 10 | 7747 Elvia Dr | 1.0 | | A | | | 120210 |
| 11 | 8006 Arble Dr | 1.0 | | A | | | 120211 |
| 12 | 7240 Arble Dr | 1.0 | | A | | | 120212 |
| 13 | 2805 Wycombe Dr W | 1.0 | | A | | | 120213 |
| 14 | 3537 Raymur Villa Dr | 1.0 | | A | | | 120214 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

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 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

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 Jacksonville, FL 32225
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Initials

DATE/TIME TAKEN: 12-17-97 @ 1130 RR
 DATE/TIME SETUP: 12-17-97 @ 1400 RR
 DATE/TIME READ: 12/18/97 @ 0800 ST

DRINKING WATER BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Arlington Grid SYSTEM ID#: 2161326 SYSTEM PHONE #: 721-4601
 ADDRESS: 2350 Cesery Blvd COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Lake Lucina WTP

DATE AND TIME COLLECTED: 12-17-97 @ 1130

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | well | / | | A | | | 1217101 |
| 2 | 2343 Lake Lucina Dr E | 1.0 | | A | | | 1217102 |
| 3 | 2647 Cesery Blvd | 1.0 | | A | | | 1217103 |
| 4 | 2807 Oakcove Ln | 1.0 | | A | | | 1217104 |
| 5 | 2220 Red Oak Dr | 1.0 | | A | | | 1217105 |
| 6 | 2225 Green Oak Dr | 1.0 | | A | | | 1217106 |
| 7 | 6030 Meadow Ln | 1.0 | | A | | | 1217107 |
| 8 | 3415 Tarpon Dr | 1.0 | | A | | | 1217108 |
| 9 | 3235 Rogero Rd | 0.9 | | A | | | 1217109 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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Interpretation by Program Reviewer

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 HRS# 52481

DATE/TIME TAKEN: 12-8-97 @ 1330 Initials DT
 DATE/TIME SETUP: 12-8-97 @ 1445 DT
 DATE/TIME READ: 12-9-97 @ 0845 AR

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Arlington Grid SYSTEM ID#: 2161326 SYSTEM PHONE #: 721-4601
 ADDRESS: 3703 Cavanaugh COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): University Park WTP

DATE AND TIME COLLECTED: 12-8-97 @ 1330

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

| TO BE COMPLETED BY SAMPLE COLLECTOR | | TO BE COMPLETED BY LAB | | | | | |
|-------------------------------------|------------------------------------|------------------------|-------------|--------------------|------------------|-----------------------------|---------------|
| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
| <u>14</u> | <u>well</u> | <u>/</u> | | <u>A</u> | | | <u>120814</u> |
| <u>15</u> | <u>5514 Bradshaw St</u> | <u>1.6</u> | | <u>A</u> | | | <u>120815</u> |
| <u>16</u> | <u>5369 Selton Ave</u> | <u>0.8</u> | | <u>A</u> | | | <u>120816</u> |
| <u>17</u> | <u>5557 Paul Bett Dr</u> | <u>1.0</u> | | <u>A</u> | | | <u>120817</u> |
| <u>18</u> | <u>4077 University Blvd N</u> | <u>0.8</u> | | <u>A</u> | | | <u>120818</u> |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

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Interpretation by Program Reviewer
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 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

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 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-3-97 @ 1130 DT
 DATE/TIME SETUP: 12-3-97 @ 1415 DT
 DATE/TIME READ: 12/4/97 @ 0820 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Forest Brook WTP SYSTEM ID#: 2160381 SYSTEM PHONE #: 721-4601
 ADDRESS: 5855 Oaklane Dr COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Forest Brook WTP

DATE AND TIME COLLECTED: 12-3-97 @ 1130

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 9 | well | / | | A | | | 120309 |
| 10 | 5854 Oaklane Dr | 1.6 | | A | | | 120310 |
| 11 | 5864 110th St | 0.6 | | A | | | 120311 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-17-97 @ 0930 DS
 DATE/TIME SETUP: 12-17-97 @ 1400 RR
 DATE/TIME READ: 12/18/97 @ 0800 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Holly Oaks System SYSTEM ID#: 2160924 SYSTEM PHONE #: 721-4601
 ADDRESS: 1943 Holly Oaks River Dr COUNTY: Duval DEP DISTRICT: North

COLLECTOR: DAVID Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Holly Oaks WTP

DATE AND TIME COLLECTED: 12-17-97 @ 0930

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Plant is out of service. Plant is fed by system interconnection.

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | 2038 Sunset River Dr | 0.8 | | A | | | 121701 |
| 2 | 1752 Ormond Rd | 1.0 | | A | | | 121702 |
| 3 | 1733 Serena Dr E | 1.0 | | A | | | 121703 |
| 4 | 1996 Holly Oaks Ravine Dr | 1.0 | | A | | | 121704 |
| 5 | 10946 Heathfield Rd | 1.0 | | A | | | 121705 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- SATISFACTORY
- INCOMPLETE INFORMATION
- COLLECT REPEAT SAMPLES
- COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12/2/97 @ 1300 RR
 DATE/TIME SETUP: 12-2-97 @ 1400 DT
 DATE/TIME READ: 12/3/97 @ 0810 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Holly Oaks System SYSTEM ID#: 2160924 SYSTEM PHONE #: 721-4601
 ADDRESS: 758 St Johns Bluff Rd COUNTY: Duval DEP DISTRICT: North
 COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Queen Akers WTP

DATE AND TIME COLLECTED: 12-2-97 @ 1300

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 7 | well | / | | A | | | 1202107 |
| 8 | 10615 Jolynn Rd | 0.2 | | P | P | A | 1202108 |
| 9 | 758 Brookview Dr N | 0.2 | | A | | | 1202109 |
| 10 | 10541 Akers Dr S | 0.2 | | A | | | 1202110 |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-3-97 @ 1320 RP
 DATE/TIME SETUP: 12-3-97 @ 1415 DT
 DATE/TIME READ: 12/4/97 @ 0820 ST

DRINKING WATER BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Holly Oaks System SYSTEM ID#: 2160924 SYSTEM PHONE #: 721-4643
 ADDRESS: 758 St Johns Bluff Rd COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4643

SAMPLE SITE (Subdivision): Queen Akers WTP

DATE AND TIME COLLECTED: 12-3-97 @ 1320

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Repeat sample (with upstream/downstream) for TCT on 12/2

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 16 | 10615 Jolynn Rd | 1.0 | | A | | | 1203116 |
| 17 | (u) 10633 Jolynn Rd | 1.0 | | A | | | 1203117 |
| 18 | (d) 10607 Jolynn Rd | 1.0 | | A | | | 1203118 |
| | | | | | | | |
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| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-17-97 @ 1045 DT
 DATE/TIME SETUP: 12-17-97 @ 1400 RR
 DATE/TIME READ: 12/18/97 @ 0800 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Holly Oaks System SYSTEM ID#: 2160924 SYSTEM PHONE #: 721-4601
 ADDRESS: 1258 Monument Rd COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Monument Road WTP

DATE AND TIME COLLECTED: 12-17-97 @ 1045

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution [] TNTC or C
 Raw [] Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 6 | well | / | | A | | | 121706 |
| 7 | 10165 Classic Oak Rd N | 0.8 | | A | | | 121707 |
| 8 | 1382 Monument Rd (Bldg #2) | 1.0 | | A | | | 121708 |
| 9 | 1192 Fromage Way | 1.0 | | A | | | 121709 |
| 10 | 1101 Monument Rd | 0.7 | | A | | | 121710 |
| 11 | 1763 Ravenside DR | 0.7 | | A | | | 121711 |
| 12 | 11647 Ft Caroline Lakes Dr | 1.0 | | A | | | 121712 |
| 13 | 1925 Oakwater Dr | 1.0 | | A | | | 121713 |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

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 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 0930 AR
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Hyde Grove WTP SYSTEM ID#: 2160529 SYSTEM PHONE #: 721-4601
 ADDRESS: 6927 Hanson Dr COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Hyde Grove WTP

DATE AND TIME COLLECTED: 12-11-97 @ 0930

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 3 | well | / | | A | | | 1211103 |
| 4 | 7106 Hanson Dr | 0.5 | | A | | | 1211104 |
| 5 | 6824 Bakersfield Dr | 0.4 | | A | | | 1211105 |
| | | | | | | | |
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| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 1030 RR
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Jax Heights System SYSTEM ID#: 2160565 SYSTEM PHONE #: 721-4601
 ADDRESS: 5537 Green Forest Dr COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Green Forest WTP

DATE AND TIME COLLECTED: 12-11-97 @ 1030

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 6 | well | / | | A | | | 121106 |
| 7 | 5538 Green Forest Dr | 0.5 | | A | | | 121107 |
| 8 | 7921 Falcon St | 0.2 | | A | | | 121108 |
| 9 | 7441 Strato Rd | 0.3 | | A | | | 121109 |
| 10 | 4420 Jade Dr W | 0.6 | | A | | | 121110 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 IRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 645 RR
 DATE/TIME SETUP: 12-11-97 @ 1515 DI
 DATE/TIME READ: 12/12/97 @ 0915 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Jax Heights System SYSTEM ID#: 2160565 SYSTEM PHONE #: 721-4601
 ADDRESS: 4805 Ducheneau Dr COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Oak Hill WTP

DATE AND TIME COLLECTED: 12-11-97 @ 1245

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 11 | well | / | | A | | | 121111 |
| 12 | 6309 Sauterne Dr | 1.0 | | A | | | 121112 |
| 13 | 5223 Dugdale Rd | 1.0 | | A | | | 121113 |
| 14 | 6203 Alexon Dr | 1.0 | | A | | | 121114 |
| 15 | 4804 Jammes Rd | 1.0 | | A | | | 121115 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-3-97 @ 1100 DT
 DATE/TIME SETUP: 12-3-97 @ 1415 DT
 DATE/TIME READ: 12/4/97 @ 0820 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Jax Heights System SYSTEM ID#: 2160565 SYSTEM PHONE #: 721-4601
 ADDRESS: 7400 Wheat Road COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Wheat Road WTP

DATE AND TIME COLLECTED: 12-3-97 @ 1100

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | well | / | | A | | | 120301 |
| 2 | 6310 Tintern Cir W | 1.0 | | A | | | 120302 |
| 3 | 7503 Impala Ln | 0.5 | | A | | | 120303 |
| 4 | 6165 Deepwood Dr E | 0.2 | | A | | | 120304 |
| 5 | 7580 Willow Run Rd | 0.2 | | P | P | A | 120305 |
| 6 | 7953 Dwyer Rd | 1.0 | | A | | | 120306 |
| 7 | 5928 Firestone Rd | 1.0 | | A | | | 120307 |
| 8 | 7351 Wheat Rd | 1.0 | | A | | | 120308 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 Jacksonville, FL 32225
 HRS# 52481

DATE/TIME TAKEN: 12-4-97 @ 1015 DT
 DATE/TIME SETUP: 12-4-97 @ 1435 DT
 DATE/TIME READ: 12/5/97 @ 0835 ST

DRINKING WATER BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Jax Heights System SYSTEM ID#: 2160565 SYSTEM PHONE #: 721-4643
 ADDRESS: 7400 Wheat Road COUNTY: Duval DEP DISTRICT: North

COLLECTOR: DAVID Temple COLLECTOR PHONE #: 721-4643

SAMPLE SITE (Subdivision): Wheat Road WTP

DATE AND TIME COLLECTED: 12-4-97 @ 1015
 TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Repeat sample (with upstream/downstream) for TC + on 12/3

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | 7580 Willow Run Rd | 1.7 | | A | | | 120401 |
| 2 | (u) 7579 W. How Row Rd. | 1.5 | | A | | | 120402 |
| 3 | (d) 6125 Ricker Rd. | 1.8 | | A | | | 120403 |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 1345 DT
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Lake Forest WTP SYSTEM ID#: 2160634 SYSTEM PHONE #: 721-4601
 ADDRESS: 1202 Bunkerhill Blvd COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Lake Forest WTP

DATE AND TIME COLLECTED: 12-11-97 @ 1345
 TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Plant is out of service. System is supplied by city interconnection.

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA
 TO BE COMPLETED BY LAB

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 18 | 7909 Wainwright Dr | 1.0 | | A | | | 121118 |
| 19 | 1049 Stark st | 1.0 | | A | | | 121119 |
| 20 | 8411 Concord Blvd E | 1.0 | | A | | | 121120 |
| 21 | 8032 Concord Cir | 1.0 | | A | | | 121121 |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 1010 DT
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Lofton Oaks WTP SYSTEM ID#: 2454338 SYSTEM PHONE #: 721-4601
 ADDRESS: 300 E Stewart Ave COUNTY: Nassau DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Lofton Oaks WTP

DATE AND TIME COLLECTED: 12-11-97 @ 1010
 TYPE OF SUPPLY: Community System
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 5 | well | / | | A | | | 121105 |
| 6 | 111 Stewart Ave | 0.3 | | A | | | 121106 |
| 7 | Lot #94 | 0.3 | | A | | | 121107 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

DATE/TIME TAKEN: 12-16-97 @ 1150 Initials DT
 DATE/TIME SETUP: 12-16-97 @ 1515 RR
 DATE/TIME READ: 12/17/97 @ 0915 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Magnolia Gardens WTP SYSTEM ID#: 2160708 SYSTEM PHONE #: 721-4601
 ADDRESS: 2538 Lantana Ave W COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Magnolia Gardens WTP

DATE AND TIME COLLECTED: 12-16-97 1150

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

| TO BE COMPLETED BY SAMPLE COLLECTOR | | | | TO BE COMPLETED BY LAB | | | |
|-------------------------------------|------------------------------------|-----|-------------|------------------------|------------------|-----------------------------|-------------|
| # | SAMPLE POINT (SPECIFIC ADDRESS) | CL2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
| 1 | well | / | | A | | | 121601 |
| 2 | 2521 Lantana Ave | 1.0 | | A | | | 121602 |
| 3 | 5821 Begonia Rd | 1.0 | | A | | | 121603 |
| | | | | | | | |
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| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-2-97 @ 1200 RR
 DATE/TIME SETUP: 12-2-97 @ 1400 DT
 DATE/TIME READ: 12/3/97 @ 0800 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Marshview WTP SYSTEM ID#: 2160547 SYSTEM PHONE #: 721-4601
 ADDRESS: 14738 Marshview Drive COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Marshview WTP

DATE AND TIME COLLECTED: 12-2-97 @ 1200

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER:
 Distribution TNTC or C
 Raw Turbid

REMARKS:

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG ~~ME~~

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | well #1 | / | | A | | | 1202101 |
| 2 | well #2 | / | | A | | | 1202102 |
| 3 | 14514 Plumosa Dr | 1.0 | | A | | | 1202103 |
| 4 | 3788 B Ward St | 1.0 | | A | | | 1202104 |
| 5 | 4003 Demery Dr W | 1.0 | | A | | | 1202105 |
| 6 | 4778 Marsh Hammock Dr W | 1.0 | | A | | | 1202104 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 1045 DS
 DATE/TIME SETUP: 12-11-97 @ 1515 DS
 DATE/TIME READ: 12/12/97 @ 0915 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Nassau Jail WTP SYSTEM ID#: 2454135 SYSTEM PHONE #: 721-4601
 ADDRESS: 50 Bobby Moore Cir COUNTY: Nassau DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Nassau County Detention Center WTP

DATE AND TIME COLLECTED: 12/11/97 21045
 TYPE OF SUPPLY: non-transient, non-Community System
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER:
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | CL2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 8 | well | / | | A | | | 121108 |
| 9 | Jail Investigation Unit | 1.0 | | A | | | 121109 |
| 10 | Jail STP tap | 1.0 | | A | | | 121110 |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12/3/97 @ 1300 DT
 DATE/TIME SETUP: 12/3/97 @ 1415 DT
 DATE/TIME READ: 12/4/97 @ 0830 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Ortega Hills WTP SYSTEM ID#: 2160852 SYSTEM PHONE #: 721-4601
 ADDRESS: 5033 Greenway Drive COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Ortega Hills WTP

DATE AND TIME COLLECTED: 12/3/97 @ 1300
 TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 15 | well #1 | / | | A | | | 120315 |
| 16 | well #2 | / | | A | | | 120316 |
| 17 | 7368 Ortega Hills Dr | 1.0 | | A | | | 120317 |
| 18 | 7485 Greenway Dr | 1.0 | | A | | | 120318 |
| | | | | | | | |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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 Jacksonville, FL 32239

Interpretation by Program Reviewer
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 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 0930 DT
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Sunray North WTP SYSTEM ID#: 2454286 SYSTEM PHONE #: 721-4601
 ADDRESS: 000000 Littleberry Ln COUNTY: Nassau DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Sunray North/Otter Run WTP

DATE AND TIME COLLECTED: 12-11-97 @ 0930

TYPE OF SUPPLY: Community System

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | well #1 | / | | A | | | 121101 |
| 2 | well #2 | / | | A | | | 121102 |
| 3 | 239 Otter Run Drive | 1.0 | | A | | | 121103 |
| 4 | 4245 Summer Trace | 0.2 | | A | | | 121104 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer
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 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-8-97 @ 1045 RR
 DATE/TIME SETUP: 12-8-97 @ 1445 DT
 DATE/TIME READ: 12-9-97 @ 0845 RR

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Ponce de Leon System SYSTEM ID#: 2554334 SYSTEM PHONE #: 721-4601
 ADDRESS: 3154 A1A South COUNTY: St Johns DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Ponce de Leon WTP

DATE AND TIME COLLECTED: 12-8-97 @ 1045

TYPE OF SUPPLY: Community System

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution [] TNTC or C
 Raw [] Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 5 | well #1 | / | | A | | | 1208105 |
| 6 | well #2 | / | | A | | | 1208106 |
| 7 | 3129 A1A South | 1.0 | | A | | | 1208107 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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United Water Florida
 ATTN : S Turner
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-8-97 @1000 RR
 DATE/TIME SETUP: 12-8-97 @1445 DF
 DATE/TIME READ: 12-9-97 @0845 RR

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Ponce de Leon System SYSTEM ID#: 2554334 SYSTEM PHONE #: 721-4601
 ADDRESS: 2494 A1A; 2722 A1A COUNTY: St Johns DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): A1A North WTP; A1A South WTP

DATE AND TIME COLLECTED: 12-8-97 @1000

TYPE OF SUPPLY: Community System

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution [] TNTC or C
 Raw [] Turbid

REMARKS: _____

| TO BE COMPLETED BY SAMPLE COLLECTOR | | | | TO BE COMPLETED BY LAB | | | |
|-------------------------------------|------------------------------------|-----|-------------|------------------------|------------------|-----------------------------|-------------|
| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
| 1 | A1A North well | / | | A | | | 1208101 |
| 2 | 2641 A1A | 0.6 | | A | | | 1208102 |
| 3 | A1A South well | / | | A | | | 1208103 |
| 4 | 2700 A1A (Gate Station) | 0.5 | | A | | | 1208104 |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

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 Jacksonville, FL 32239

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- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-8-97 @ 1215 RR
 DATE/TIME SETUP: 12-8-97 @ 1445 DT
 DATE/TIME READ: 12-9-97 @ 0845 RR

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Ponte Vedra System SYSTEM ID#: 2550908 SYSTEM PHONE #: 721-4601
 ADDRESS: 2 Corona Road COUNTY: St Johns DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Corona Road WTP

DATE AND TIME COLLECTED: 12-8-97 @ 1215

TYPE OF SUPPLY: Community System

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR

Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 8 | well #1 | / | | A | | | 1208108 |
| 9 | well #2 | / | | A | | | 1208109 |
| 10 | 554 Rutile Dr | 1.0 | | A | | | 1208110 |
| 11 | 20 Poinciana Dr | 0.4 | | A | | | 1208111 |
| 12 | 620 Ponte Vedra Blvd | 1.0 | | A | | | 1208112 |
| 13 | 569 Ponte Vedra Blvd | 1.0 | | A | | | 1208113 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-16-97 @ 1400 RR
 DATE/TIME SETUP: 12-16-97 @ 1315 RR
 DATE/TIME READ: 12/17/97 @ 0920 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Ponte Vedra System SYSTEM ID#: 2550908 SYSTEM PHONE #: 721-4601
 ADDRESS: 71 state Road A1A COUNTY: St Johns DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Ponte Vedra North WTP

DATE AND TIME COLLECTED: 12-16-97 @ 1400

TYPE OF SUPPLY: Community System

TYPE OF SAMPLE: Compliance Repeat. Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR TO BE COMPLETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 9 | well | / | | A | | | 1216109 |
| 10 | 45 Valencia Rd | 0.7 | | A | | | 1216110 |
| 11 | 341 Ponte Vedra Blvd | 0.5 | | A | | | 1216111 |
| 12 | 405 San Juan Dr | 1.0 | | A | | | 1216112 |
| 13 | 513 Rutile Dr | 1.0 | | A | | | 1216113 |
| 14 | 523 Ponte Vedra Blvd | 0.7 | | A | | | 1216114 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
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Interpretation by Program Reviewer

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-1-97 @ 1210 RR
 DATE/TIME SETUP: 12-1-97 @ 1445 DJ
 DATE/TIME READ: 12/2/97 @ 0900 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Royal Lakes WTP SYSTEM ID#: 2160980 SYSTEM PHONE #: 721-4601
 ADDRESS: 8509 Western Way COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Royal Lakes WTP

DATE AND TIME COLLECTED: 12-1-97 @ 1210
 TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PP

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | well #1 | / | | A | | | 1201101 |
| 2 | well #2 | / | | A | | | 1201102 |
| 3 | well #3 | / | | A | | | 1201103 |
| 4 | 8275 Western Way Cir | 1.0 | | A | | | 1201104 |
| 5 | 8214 Princeton Sq Blvd E | 1.0 | | A | | | 1201105 |
| 6 | 8426 Allerton Dr | 0.2 | | A | | | 1201106 |
| 7 | 8629 Royalwood Dr | 0.2 | | A | | | 1201107 |
| 8 | 8745 Bellerive Blvd | 0.6 | | A | | | 1201108 |
| 9 | 7504 Starwood Dr | 0.4 | | A | | | 1201109 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 400 Millcoe Road
 PO BOX 8004 32239
 Jacksonville, FL 32225
 IRS# 52481

Initials

DATE/TIME TAKEN: 12-1-97 @ 1210 RR
 DATE/TIME SETUP: 12-1-97 @ 1415 DT
 DATE/TIME READ: 12/2/97 @ 0900 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Royal Lakes WTP SYSTEM ID#: 2160980 SYSTEM PHONE #: 721-4601
 ADDRESS: 8509 Western Way COUNTY: Duval DEP DISTRICT: North
 COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Royal Lakes WTP

DATE AND TIME COLLECTED: 12-1-97 @ 1210

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG ~~TA~~

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 10 | 8367 Philips Hwy | 0.6 | | A | | | 120110 |
| 11 | 8245 Bayberry Rd | 0.7 | | A | | | 120111 |
| 12 | 8505 Baycenter Rd | 0.7 | | A | | | 120112 |
| 13 | Cypress Green Dr, #409 | 0.7 | | A | | | 120113 |
| 14 | 7922 Linkside Dr | 0.8 | | A | | | 120114 |
| 15 | 7623 Baymeadows Cr W, #2064 | 1.0 | | A | | | 120115 |
| 16 | 7595 Baymeadows CrW, Bldg16 | 1.0 | | A | | | 120116 |
| 17 | 7740 Southside Blvd, Bldg21 | 1.0 | | A | | | 120117 |
| 18 | 9645 Baymeadows Rd, #712 | 1.0 | | A | | | 120118 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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Interpretation by Program Reviewer

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- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-3-97 @ 1150 RR
 DATE/TIME SETUP: 12-3-97 @ 1415 DT
 DATE/TIME READ: 12/4/97 @ 0820 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Royal Lakes WTP SYSTEM ID#: 2160980 SYSTEM PHONE #: 721-4601
 ADDRESS: 8509 Western Way COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Royal Lakes WTP

DATE AND TIME COLLECTED: 12-3-97 @ 1150

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | 9563 Sugar Hollow Ln | 1.0 | | A | | | 1203101 |
| 2 | 1077 Turnberry Ct | 1.0 | | A | | | 1203102 |
| 3 | 7792 Las Palmas Way | 1.0 | | A | | | 1203103 |
| 4 | 8000 Laguna Terr, Apt27-30 | 0.4 | | A | | | 1203104 |
| 5 | 9150 Baymeadows Rd, #523 | 1.0 | | A | | | 1203105 |
| 6 | 8641 Western Way | 1.0 | | A | | | 1203106 |
| 7 | 8700 Southside Blvd | 0.6 | | A | | | 1203107 |
| 8 | 9968 Baymeadows Rd | 0.4 | | A | | | 1203108 |
| 9 | 7992 Southside (Hillwood) | 0.6 | | A | | | 1203109 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
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 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-3-97 @ 1150 RR
 DATE/TIME SETUP: 12-3-97 @ 1415 DT
 DATE/TIME READ: 12/4/97 @ 0820 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Royal Lakes WTP SYSTEM ID#: 2160980 SYSTEM PHONE #: 721-4601
 ADDRESS: 8509 Western Way COUNTY: Duval DEP DISTRICT: North
 COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Royal Lakes WTP

DATE AND TIME COLLECTED: 12-3-97 @ 1150

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

| TO BE COMPLETED BY SAMPLE COLLECTOR | | | | TO BE COMPLETED BY LAB | | | |
|-------------------------------------|------------------------------------|-----|-------------|------------------------|------------------|-----------------------------|-------------|
| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
| 10 | 9947 Fawnridge Dr | 0.5 | | A | | | 1203110 |
| 11 | 10910 Starwood Dr | 0.5 | | A | | | 1203111 |
| 12 | 9417 Philips Hwy | 0.6 | | A | | | 1203112 |
| 13 | 8285 Dix Ellis TR, #210 | 1.0 | | A | | | 1203113 |
| 14 | 8014 Bayberry Dr | 0.7 | | A | | | 1203114 |
| 15 | 7750 Philips Hwy | 0.5 | | A | | | 1203115 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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Interpretation by Program Reviewer

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- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 IRS# 52481

Initials

DATE/TIME TAKEN: 12-1-97 @ 1200 DT
 DATE/TIME SETUP: 12-1-97 @ 1445 DT
 DATE/TIME READ: 12/2/97 @ 0900 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: St Johns Forest WTP SYSTEM ID#: 2554368 SYSTEM PHONE #: 721-4601
 ADDRESS: 2740 County Rd 210 W COUNTY: St Johns DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): St Johns Forest WTP

DATE AND TIME COLLECTED: 12-1-97 @ 1200

TYPE OF SUPPLY: Community System

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 15 | shallow well #1 | / | | A | | | 120115 |
| 16 | shallow well #2 | / | | A | | | 120116 |
| 17 | deep well #1 | / | | A | | | 120117 |
| 18 | deep well #2 | / | | A | | | 120118 |
| 19 | 3150 County Rd 210 W | 0.2 | | A | | | 120119 |
| 20 | 10001 Cartwheel Bay | 0.2 | | A | | | 120120 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-1-97 @ 1300 DT
 DATE/TIME SETUP: 12-1-97 @ 1445 ST
 DATE/TIME READ: 12/2/97 @ 0900 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: St Johns North WTP SYSTEM ID#: 2554345 SYSTEM PHONE #: 721-4601
 ADDRESS: 1363 Biglige Ave COUNTY: St Johns DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): St Johns North WTP

DATE AND TIME COLLECTED: 12-1-97 @ 1300
 TYPE OF SUPPLY: Community System
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 21 | well #1 | / | | A | | | 120121 |
| 22 | well #2 | / | | A | | | 120122 |
| 23 | well #3 | / | | A | | | 120123 |
| 24 | 1487 Mallard Lake Ave | 1.0 | | A | | | 120124 |
| 25 | 1703 Heatherwood Dr | 1.0 | | A | | | 120125 |
| 26 | 1820 Fairfax Ct S | 0.7 | | A | | | 120126 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-1-97 @ 1100 DT
 DATE/TIME SETUP: 12-1-97 @ 1445 DT
 DATE/TIME READ: 12/2/97 @ 0900 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: San Jose WTP SYSTEM ID#: 2160995 SYSTEM PHONE #: 721-4601
 ADDRESS: 7128 Balboa Road COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): San Jose WTP

DATE AND TIME COLLECTED: 12-1-97 @ 1100

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution [] TNTC or C
 Raw [] Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMQ-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| X | well #1 - off line | / | / | / | | | |
| 1 | well #2 | / | | A | | | 120101 |
| 2 | well #3 | / | | A | | | 120102 |
| 3 | 3678 Toledo Rd | 1.0 | | A | | | 120103 |
| 4 | 3811 Pizzarro Rd | 1.0 | | A | | | 120104 |
| 5 | 4207 Habana Ave | 1.0 | | A | | | 120105 |
| 6 | 7861 Praver Dr W | 1.0 | | A | | | 120106 |
| 7 | 8462 Lynda Sue Ln E | 1.0 | | A | | | 120107 |
| 8 | 8660 LaLosa Dr W | 1.0 | | A | | | 120108 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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Interpretation by Program Reviewer
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 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
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 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12-1-97 @ 1100 DT
 DATE/TIME SETUP: 12-1-97 @ 1445 Dr
 DATE/TIME READ: 12/2/97 @ 0900 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: San Jose WTP SYSTEM ID#: 2160995 SYSTEM PHONE #: 721-4601
 ADDRESS: 7128 Balboa Road COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): San Jose WTP

DATE AND TIME COLLECTED: 12-1-97 @ 1100

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 9 | 3909 Villa San Jose Dr | 1.0 | | A | | | 120109 |
| 10 | 3878 Conga St | 1.0 | | A | | | 120110 |
| 11 | 2335 Smullian Trail N | 1.0 | | A | | | 120111 |
| 12 | 6963 La Loma Dr | 1.0 | | A | | | 120112 |
| 13 | 2852 Alvarado Ave | 1.0 | | A | | | 120113 |
| 14 | 2938 Dupont Ave | 1.0 | | A | | | 120114 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-8-97 @ 1130 DT
 DATE/TIME SETUP: 12-8-97 @ 1445 DT
 DATE/TIME READ: 12-9-97 @ 0845 RR

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: San Jose WTP SYSTEM ID#: 2160995 SYSTEM PHONE #: 721-4601
 ADDRESS: 7128 Balboa Road COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): San Jose WTP

DATE AND TIME COLLECTED: 12-8-97 @ 1130

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | 7315 Hernando Rd | 1.0 | | A | | | 120801 |
| 2 | 8114 Naranja Dr W | 1.0 | | A | | | 120802 |
| 3 | 7846 Mendoza Dr | 1.0 | | A | | | 120803 |
| 4 | 4759 Praver Dr S | 0.7 | | A | | | 120804 |
| 5 | 8023 Argentine Dr W | 1.0 | | A | | | 120805 |
| 6 | 4027 San Remo Dr | 1.0 | | A | | | 120806 |
| 7 | 4008 San Severa Dr | 1.0 | | A | | | 120807 |
| 8 | 3614 Cathedral Pl N | 1.0 | | A | | | 120808 |
| 9 | 3741 Montclair Dr | 1.0 | | A | | | 120809 |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

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 A-Coliforms are Absent TA-Turbid, absence of gas or acid

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 Jacksonville, FL 32239

Interpretation by Program Reviewer
 SATISFACTORY
 INCOMPLETE INFORMATION
 COLLECT REPEAT SAMPLES
 COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-8-97 @ 2:10 DT
 DATE/TIME SETUP: 12-8-97 @ 1:45 DT
 DATE/TIME READ: 12-9-97 @ 0845 RR

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: San Jose WTP SYSTEM ID#: 2160995 SYSTEM PHONE #: 721-4601
 ADDRESS: 7128 Balboa Road COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): San Jose WTP

DATE AND TIME COLLECTED: 12-8-97 2:10
 TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution [] TNTC or C
 Raw [] Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 10 | 8405 Papelon Way | 1.0 | | A | | | 120810 |
| 11 | 7918 Manata St | 1.0 | | A | | | 120811 |
| 12 | 3431 Via de la Reina | 1.0 | | A | | | 120812 |
| 13 | 7016 San Sebastian | 1.0 | | A | | | 120813 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 IRS# 52481

Initials

DATE/TIME TAKEN: 12/3/97 @ 1230 DS
 DATE/TIME SETUP: 12/3/97 @ 1415 DS
 DATE/TIME READ: 12/4/97 @ 0800 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Venetia Terrace WTP SYSTEM ID#: 2161218 SYSTEM PHONE #: 721-4601
 ADDRESS: 5190 Ensign Drive COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Venetia Terrace WTP

DATE AND TIME COLLECTED: 12/3/97 @ 1230

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 12 | well | / | | A | | | 120312 |
| 13 | 6231 Commodore Dr | 1.0 | | A | | | 120313 |
| 14 | 5149 Admiral Dr | 0.3 | | A | | | 120314 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

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- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 1115 DT
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Yulee Amoco WTP SYSTEM ID#: 2454310 SYSTEM PHONE #: 721-4601
 ADDRESS: Rt 3, Box 488 Yulee COUNTY: Nassau DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Yulee Amoco WTP
 DATE AND TIME COLLECTED: 12-11-97 @ 1115
 TYPE OF SUPPLY: non-Community System
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: _____

| TO BE COMPLETED BY SAMPLE COLLECTOR | | | | TO BE COMPLETED BY LAB | | | |
|-------------------------------------|------------------------------------|-----|-------------|------------------------|------------------|-----------------------------|-------------|
| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
| 11 | well | / | | A | | | 121111 |
| 12 | spigot, left of property | 1.0 | | A | | | 121112 |
| 13 | spigot, building right side | 1.0 | | A | | | 121113 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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 Jacksonville, FL 32239

Interpretation by Program Reviewer

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- COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 IRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 1220 DT
 DATE/TIME SETUP: 12-11-97 @ 1315 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Bon Air SYSTEM ID#: 2160099 SYSTEM PHONE #: 721-4601
 ADDRESS: none COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Bon Air

DATE AND TIME COLLECTED: 12-11-97 @ 1220

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Consecutive system, fed by city interconnection.

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR

Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 14 | 9171 Parker Ave | 0.2 | | A | | | 12114 |
| 15 | 9124 Rota Ave | 0.2 | | A | | | 12115 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 WRS# 52481

Initials

DATE/TIME TAKEN: 12-16-97 @ 1110 RR
 DATE/TIME SETUP: 12-16-97 @ 1515 RR
 DATE/TIME READ: 12/17/97 @ 0920 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Brackridge SYSTEM ID#: 2160105 SYSTEM PHONE #: 721-4601
 ADDRESS: none COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Brackridge

DATE AND TIME COLLECTED: 12-16-97 @ 1110

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Consecutive system, fed by city interconnection.

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | Cl2 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | 8418 Brackridge Blvd S | 1.0 | | A | | | 1216101 |
| 2 | 2937 Brackridge Blvd W | 0.6 | | A | | | 1216102 |
| | | | | | | | |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

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 Jacksonville, FL 32239

Interpretation by Program Reviewer

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials

DATE/TIME TAKEN: 12-16-97 @ 1130 RR
 DATE/TIME SETUP: 12-16-97 @ 1515 RR
 DATE/TIME READ: 12/17/97 @ 0920 ST

**DRINKING WATER
 BACTERIOLOGICAL ANALYSIS**

SYSTEM NAME: Greenfield SYSTEM ID#: 2160438 SYSTEM PHONE #: 721-4601
 ADDRESS: none COUNTY: Duval DEP DISTRICT: North
 COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Greenfield

DATE AND TIME COLLECTED: 12-16-97 @ 1130

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Consecutive system, fed by city interconnection.

TO BE COMPLETED BY SAMPLE COLLECTOR Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 3 | 6670 Ortolon Ave | 1.0 | | A | | | 1216103 |
| 4 | 6533 Starling Ave | 1.0 | | A | | | 1216104 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer

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- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

DATE/TIME TAKEN: 12-16-97 @ 1215 ^{Initials} RR
 DATE/TIME SETUP: 12-16-97 @ 1315 RR
 DATE/TIME READ: 12/17/97 @ 0920 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Milmar Manor SYSTEM ID#: 2160769 SYSTEM PHONE #: 721-4601
 ADDRESS: none COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Milmar Manor

DATE AND TIME COLLECTED: 12-16-97 @ 1215

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Consecutive system, fed by city interconnection.

TO BE COMPLETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR

Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 7 | 5750 Heston Rd | 0.4 | | A | | | 1216107 |
| 8 | 5730 Milmar Dr N | 0.2 | | A | | | 1216108 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

 United Water Florida
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 Jacksonville, FL 32239

Interpretation by Program Reviewer
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 () INCOMPLETE INFORMATION
 () COLLECT REPEAT SAMPLES
 () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 1400 Millcoe Road
 (PO BOX 8004 32239)
 Jacksonville, FL 32225
 HRS# 52481

Initials
 DATE/TIME TAKEN: 12/11/97 @ 1300 DT
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Riverview SYSTEM ID#: 2160970 SYSTEM PHONE #: 721-4601
 ADDRESS: none COUNTY: Duval DEP DISTRICT: North

COLLECTOR: David Temple COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Riverview

DATE AND TIME COLLECTED: 12/11/97 @ 1300

TYPE OF SUPPLY: Community
 TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Consecutive system, fed by city interconnection.

TO BE COMPLETED BY SAMPLE COLLECTOR LETED BY LAB
 Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|----|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 16 | 1539 Ollie Dr | 0.3 | | A | | | 121116 |
| 17 | 9002 Adams St | 1.6 | | A | | | 121117 |
| | | | | | | | |
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*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

United Water Florida Primary Laboratory
 400 Millcoe Road
 PO BOX 8004 32239
 Jacksonville, FL 32225
 IRS# 52481

Initials

DATE/TIME TAKEN: 12-11-97 @ 0900 RR
 DATE/TIME SETUP: 12-11-97 @ 1515 DT
 DATE/TIME READ: 12/12/97 @ 0915 ST

DRINKING WATER
 BACTERIOLOGICAL ANALYSIS

SYSTEM NAME: Westwood SYSTEM ID#: 2161257 SYSTEM PHONE #: 721-4601
 ADDRESS: none COUNTY: Duval DEP DISTRICT: North

COLLECTOR: Robert Riggs COLLECTOR PHONE #: 721-4601

SAMPLE SITE (Subdivision): Westwood

DATE AND TIME COLLECTED: 12-11-97 @ 0900

TYPE OF SUPPLY: Community

TYPE OF SAMPLE: Compliance Repeat Replacement OTHER: _____
 Distribution TNTC or C
 Raw Turbid

REMARKS: Consecutive system, fed by city interconnection.

LETED BY LAB

TO BE COMPLETED BY SAMPLE COLLECTOR

Analysis Method: MF MMO-MUG PA

| # | SAMPLE POINT (SPECIFIC ADDRESS) | C12 | NON COLI | TOTAL COLI * | CONFIRM TOTAL | CONFIRM FECAL E. COLI | SAMPLE # |
|---|------------------------------------|-----|-------------|--------------------|------------------|-----------------------------|-------------|
| 1 | 269 Santa Barbara Ave | 0.9 | | A | | | 1211101 |
| 2 | 157 Lane Ave | 0.9 | | A | | | 1211102 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*Preliminary results. Total Coliform and Fecal Coliform confirmation will follow in 24-48 hours.

P-Coliforms are Present C-Confluent growth TNTC-Too Numerous To Count
 A-Coliforms are Absent TA-Turbid, absence of gas or acid

NAME AND MAILING ADDRESS
 OF PERSON/FIRM TO RECEIVE REPORT

United Water Florida
 ATTN : S Turner
 PO Box 8004
 Jacksonville, FL 32239

Interpretation by Program Reviewer

- () SATISFACTORY
- () INCOMPLETE INFORMATION
- () COLLECT REPEAT SAMPLES
- () COLLECT REPLACEMENT SAMPLES

Reviewing Official: _____

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: I.D.#: 2161326
ARLINGTON GRID:ALDERMAN PARK WTP, 8043 CARLOTTA RD

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/21/97 Sample Time: 09:40
Sample Location: ALDERMAN PARK WTP PLANT EFF TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/97
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000187

Date Sample Received: 04/21/97 Group(s) Analyzed & Results attached for
compliance with 62-550,F.A.C.:

NO3,NO2

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Ch 2 PVA

Date: 04/24/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81869 Submission Number: 9704000187 ALDERMAN PARK WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81870 Submission Number: 9704000187 ALDERMAN PARK WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 64834 Submission Number: 9607000301

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | SM3113B | < 0.003 | 08/06/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | SM3113B | < 0.025 | 08/02/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 08/01/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 08/01/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 08/01/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 08/01/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | SM3113B | < 0.005 | 08/01/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 08/06/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | SM3111B | < 0.05 | 08/07/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | SM3113B | < 0.025 | 08/05/96 | 82315 |
| 1052 | Sodium (160) | 44.0 | MG/L | SM3111B | < 1.0 | 08/07/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 08/08/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 64836 Submission Number: 9607000301

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------|----------|------|---------|--------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 08/05/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | SM3111B | < 0.05 | 08/07/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | SM3111B | < 0.05 | 08/07/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | SM3111B | < 0.01 | 08/08/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | SM3111B | < 0.05 | 08/07/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | SM3111B | < 0.05 | 08/07/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 64837 Submission Number: 9607000301

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | SM2150B | < 1 | 07/31/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 64833 Submission Number: 9607000301

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | SM4500C | < 0.02 | 08/02/96 | 82315 |

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

SYSTEM INFORMATION

Address: I.D.#: 2161326
ALDERMAN PARK WTP 8043 CARLOTTA RD

Analysis Lab
Date ID
08/02/96 82315

LOCATION
08/02/96 Sample Time: 08:50
ALDERMAN PARK WTP PLANT EFFLUENT TAP
Distribution Phone:

Signature: Robert Riggs
DISTRIBUTION ENTRY POINT

IDENTIFICATION INFORMATION

Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/97
Laboratories, Inc.
80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Lab HRS #:

LABORATORY SUBMISSION NUMBER: 9608000029
Received: 08/02/96 Group(s) Analyzed & Results attached for
compliance with 62-550, F.A.C.:

I, _____, do HEREBY CERTIFY that all attached analytical data are

Robert Riggs

Laboratory Manager Date: 08/15/96

ADDITIONAL INFORMATION (to be completed by State)

Condition Satisfactory: _____ Sample Analysis Satisfactory: _____

Requested for: _____ Reason: _____

Requested to resample: _____ Date Notified: _____

Reporting Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 65020 Submission Number: 9608000029

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.551 | MG/L | SM4500F | < 0.1 | 08/14/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 08/02/96 | 82315 |

315

Southeastern Environmental
 Laboratories, Inc.
 80 Industrial Loop North, Building 5
 Orange Park, FL 32073
 (904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

 Sample: 65021 Submission Number: 9608000029

| <u>Parameter</u> | <u>Analysis</u> | | | | <u>Analysis</u> | <u>Lab</u> |
|----------------------|-----------------|-------------|---------------|------------|-----------------|------------|
| | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| Lead (250) | 82.2 | MG/L | SM4500C | < 0.5 | 08/05/96 | 82315 |
| (15 color units) | < 5 | CU | SM2120B | < 5 | 08/02/96 | 82315 |
| Lead (2.0) | 0.507 | MG/L | SM4500F | < 0.1 | 08/14/96 | 82315 |
| Organic Agents (0.5) | < 0.02 | MG/L | SM5540C | < 0.02 | 08/02/96 | 82315 |
| (.5-8.5) | 6.77 | S.U. | 150.1 | < 1.0 | 08/02/96 | 82315 |
| Lead (250) | 107 | MG/L | 375.4 | < 1.0 | 08/06/96 | 82315 |
| (500) | 511 | MG/L | SM2540C | < 10 | 08/06/96 | 82315 |

A.C.:

quarter

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ure to
sample.



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2161326
 Public Water System Name: Arlington Grid
 Public Water System Type:
 Community Non-Community Non-Transient Non-Community

LABORATORY CERTIFICATION INFORMATION

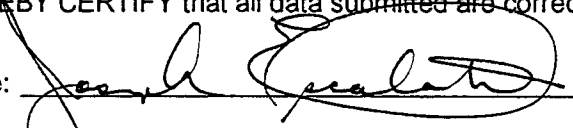
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4302
 Sample Date (MMDDYY): 7/30/96 Sample Time: 11:45
 Sample Location: Alderman Park WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 8/22/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2161326

Laboratory Sample Number: 4302

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 1.7 | 1.6 | 1.0 | 900.0 | 8/2/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: I.D.#: 2161326
ARLINGTON GRID:COLUMBINE WTP, 6710 COLUMBINE DR

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/21/97 Sample Time: 09:50
Sample Location: COLUMBINE WTP PLANT EFF TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/97
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000188
Date Sample Received: 04/21/97 Group(s) Analyzed & Results attached for
compliance with 62-550,F.A.C.:

NO3,NO2

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Chert 2 Bro L

Date: 04/24/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81871 Submission Number: 9704000188 COLUMBINE WTP PLANT EFF TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81872 Submission Number: 9704000188 COLUMBINE WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: ARLINGTON GRID COLUMBINE WTP
I.D.#: 2161326

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/26/96 Sample Time: 10:20
Sample Location: COLUMBINE WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc.
Address: 80 Industrial Loop North Building 5
Orange Park, FL 32073
Phone #: (904)269-6176
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000256
Date Sample Received: 03/26/96 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____
Resample Requested for: _____ Reason: _____
Person notified to resample: _____ Date Notified: _____
DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57466 Submission Number: 9603000256

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57465 Submission Number: 9603000256

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57464 Submission Number: 9603000256

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 04/01/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 04/04/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/28/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 04/04/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 20.8 | MG/L | 273.1 | < 1.0 | 03/28/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.002* | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DETECTION LIMIT CHANGED DUE TO MATRIX INTERFERENCE.

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57467 Submission Number: 9603000256

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

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Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57468 Submission Number: 9603000256

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------|----------|------|--------|--------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | 0.082 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/28/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57469 Submission Number: 9603000256

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 85.1 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.06 | S.U. | 150.1 | < 1.0 | 03/26/96 | 82315 |
| 1055 | Sulfate (250) | 119 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 462 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57470 Submission Number: 9603000256

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/26/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2161326
 Public Water System Name: Arlington Grid
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

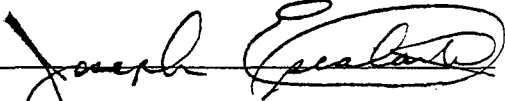
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4299
 Sample Date (MMDDYY): 5/29/96 Sample Time: 14:25
 Sample Location: Columbine WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2161326

Laboratory Sample Number: 4299

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-----------------------|------------------|-------------------------------------|---------------------------|----------------------------|------------------------------|--------------------------|
| 4000 | Gross Alpha | 1.1 | 1.0 | 0.7 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: ARLINGTON GRID:ELVIA WTP, 7755 ELVIA DR
I.D.#: 2161326

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/21/97 Sample Time: 09:30
Sample Location: ELVIA WTP PLANT EFF TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: David Temple

Check Type(s): DISTRIB ENTRY PT

Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Orange Park, FL 32073 Phone #: (904)269-6176
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000186

Date Sample Received: 04/21/97 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

NO3,NO2

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Chris L. Busch

Date: 04/24/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81867 Submission Number: 9704000186 ELVIA WTP PLANT EFF TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|--------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81868 Submission Number: 9704000186 ELVIA WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: ARLINGTON GRID ELVIA WTP I.D.#: 2161326

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/26/96 Sample Time: 10:00
Sample Location: ELVIA WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000255

Date Sample Received: 03/26/96 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57459 Submission Number: 9603000255

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57458 Submission Number: 9603000255

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.403 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

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Orange Park, FL 32073
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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57457 Submission Number: 9603000255

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 04/01/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 04/04/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/28/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 04/04/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 13.7 | MG/L | 273.1 | < 1.0 | 03/28/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DHRS # 82315

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(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57460 Submission Number: 9603000255

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57461 Submission Number: 9603000255

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/28/96 | 82315 |
| 1095 | Zinc (5) | 0.073 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57462 Submission Number: 9603000255

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 53.4 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.403 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.08 | S.U. | 150.1 | < 1.0 | 03/26/96 | 82315 |
| 1055 | Sulfate (250) | 133 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 398 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57463 Submission Number: 9603000255

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/26/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2161326
 Public Water System Name: Arlington Grid
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

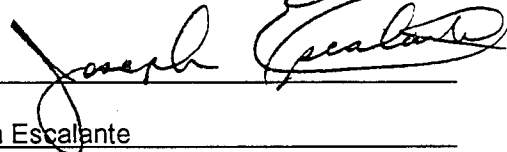
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4296
 Sample Date (MMDDYY): 5/29/96 Sample Time: 14:50
 Sample Location: Elvia WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2161326

Laboratory Sample Number: 4296

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.6 | 0.8 | 0.5 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: I.D.#: 2161326
ARLINGTON GRID: LAKE LUCINA WTP, 2350 CESERY BLVD

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/21/97 Sample Time: 10:00
Sample Location: LAKE LUCINA WTP PLANT EFF TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/97
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000189

Date Sample Received: 04/21/97 Group(s) Analyzed & Results attached for
compliance with 62-550, F.A.C.:

NO3, NO2

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Chris J. Bl...

Date: 04/24/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81873 Submission Number: 9704000189 LAKE LUCINA WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81874 Submission Number: 9704000189 LAKE LUCINA WTP PLANT EFF TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: ARLINGTON GRID LAKE LUCINA WTP
I.D.#: 2161326

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/26/96 Sample Time: 10:35
Sample Location: LAKE LUCINA WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000257

Date Sample Received: 03/26/96 Group(s) Analyzed & Results attached for
compliance with 62-550,F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57473 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57472 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57471 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|----------|------|--------|---------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 04/01/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 04/04/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/28/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 04/04/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 18.1 | MG/L | 273.1 | < 1.0 | 03/28/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57474 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57475 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/28/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57476 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 80.2 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.13 | S.U. | 150.1 | < 1.0 | 03/26/96 | 82315 |
| 1055 | Sulfate (250) | 116 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 417 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57477 Submission Number: 9603000257

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/26/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2161326
 Public Water System Name: Arlington Grid
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

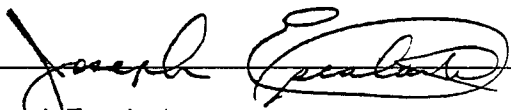
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4298
 Sample Date (MMDDYY): 5/29/96 Sample Time: 13:50
 Sample Location: Lake Lucina WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2161326

Laboratory Sample Number: 4298

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-----------------------|------------------|-------------------------------------|---------------------------|----------------------------|------------------------------|--------------------------|
| 4000 | Gross Alpha | 0.6 | 0.8 | 0.6 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81875 Submission Number: 9704000190 UNIVERSITY PARK WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81876 Submission Number: 9704000190 UNIVERSITY PARK WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address:

I.D.#: 2161326

ARLINGTON GRID UNIVERSITY PARK WTP

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/26/96 Sample Time: 10:55

Sample Location: UNIVERSITY PARK WTP PLANT EFFLUENT TAP

Sampler Name and Phone:

ROBERT RIGGS

Sampler's Signature:



Check Type(s): DISTRIB ENTRY PT

Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96

Address: 80 Industrial Loop North Building 5
Orange Park, FL 32073 Phone #: (904)269-6176

Subcontracted Lab HRS #:

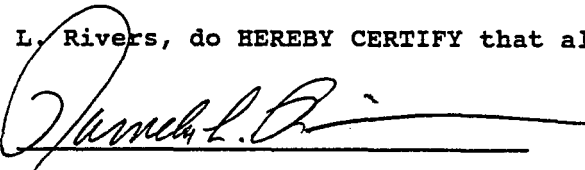
ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000258

Date Sample Received: 03/26/96 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature



Title: Laboratory Manager

Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57480 Submission Number: 9603000258

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57479 Submission Number: 9603000258

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57478 Submission Number: 9603000258

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 04/01/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 04/04/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/28/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 04/04/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 12.9 | MG/L | 273.1 | < 1.0 | 03/28/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

JHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57481 Submission Number: 9603000258

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57482 Submission Number: 9603000258

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | 0.067 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/28/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57483 Submission Number: 9603000258

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 50.5 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.03 | S.U. | 150.1 | < 1.0 | 03/26/96 | 82315 |
| 1055 | Sulfate (250) | 150 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 403 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57484 Submission Number: 9603000258

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/26/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2161326
 Public Water System Name: Arlington Grid
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

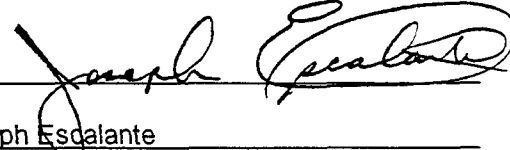
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4297
 Sample Date (MMDDYY): 5/29/96 Sample Time: 13:40
 Sample Location: University Park WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2161326

Laboratory Sample Number: 4297

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.6 | 0.7 | 0.5 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

Southeastern Environmental
Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address:
FOREST BROOK WTP

I.D.#: 2160381

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/30/97 Sample Time: 13:40
Sample Location: FOREST BROOK WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #: 84269

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000313

Date Sample Received: 04/30/97 Group(s) Analyzed & Results attached for
compliance with 62-550,F.A.C.:

INORG, VOL, SEC, PEST/PCB, GRP II

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Ch 2BL

Date: 05/20/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 82520 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | SM3113B | < 0.003 | 05/06/97 | 82315 |
| 1005 | Arsenic (0.05) | < 0.005 | MG/L | SM3113B | < 0.005 | 05/05/97 | 82315 |
| 1010 | Barium (2) | 0.031 | MG/L | 200.7 | < 0.010 | 05/02/97 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 05/02/97 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 05/02/97 | 82315 |
| 1020 | Chromium (0.1) | < 0.010 | MG/L | 200.7 | < 0.010 | 05/02/97 | 82315 |
| 1030 | Lead (0.015) | < 0.001 | MG/L | SM3113B | < 0.001 | 05/05/97 | 82315 |
| 1035 | Mercury (0.002) | < 0.0005 | MG/L | 245.1 | < 0.005 | 05/13/97 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | SM3111B | < 0.05 | 05/01/97 | 82315 |
| 1045 | Selenium (0.05) | < 0.002 | MG/L | SM3113B | < 0.002 | 05/05/97 | 82315 |
| 1052 | Sodium (160) | 6.00 | MG/L | SM3111B | < 0.500 | 05/01/97 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 05/06/97 | 82315 |

DHRS # 82315

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PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 82521 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.419 | MG/L | SM4500F | < 0.1 | 05/05/97 | 82315 |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 05/2/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 82522 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/02/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 82523 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|--------------------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | SM4500C < 0.02 | 05/05/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS028 VOLATILE ORGANIC ANALYSIS 62-550.310(2)(b)

Sample Number: 82524 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|----------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2969 | Para-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2378 | 1,2,4-Trichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2380 | Cis-1,2-dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2955 | Xylenes (o) | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| -- | Xylenes (m,p) | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2964 | Dichloromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2968 | O-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2976 | Vinyl Chloride | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2977 | 1,1-Dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2979 | Trans-1,2-dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2980 | 1,2-dichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2981 | 1,1,1-trichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2982 | Carbon Tetrachloride | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 83 | 1,2-dichloropropane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2984 | Trichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2985 | 1,1,2-trichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2987 | Tetrachloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2989 | Monochlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2990 | Benzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2991 | Toluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2992 | Ethylbenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2996 | Styrene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS034 UNREGULATED GROUP II ANALYSIS 62-550.410

Sample Number: 82525 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | | Lab |
|-----------|---------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2210 | Chloromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2212 | Dichlorodifluoromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2214 | Bromomethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2216 | Chloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2218 | Trichlorofluoromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2251 | Methyl-tert-butyl-ether | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2408 | Dibromomethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2410 | 1,1-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2412 | 1,3-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2413 | 1,3-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2414 | 1,2,3-trichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2416 | 2,2-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2941 | Chloroform | 0.0109 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 42 | Bromoform | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2943 | Bromodichloromethane | 0.0028 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2944 | Dibromochloromethane | 0.0016 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2965 | o-chlorotoluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2966 | p-chlorotoluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2967 | m-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2978 | 1,1-dichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2986 | 1,1,1,2-tetrachloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2988 | 1,1,2,2-tetrachloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2993 | Bromobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 82526 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | 0.047 | MG/L | 200.7 | < 0.010 | 05/06/97 | 82315 |
| 1022 | Copper (1) | < 0.010 | MG/L | SM3111B | < 0.010 | 05/01/97 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | SM3111B | < 0.05 | 05/01/97 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | SM3111B | < 0.01 | 05/1/97 | 82315 |
| 1050 | Silver (0.1) | < 0.020 | MG/L | SM3111B | < 0.020 | 05/02/97 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | SM3111B | < 0.05 | 05/01/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 82527 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|--------------------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 15.1 | MG/L | SM4500C < 0.5 | 05/05/97 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | SM2120B < 5 | 05/01/97 | 82315 |
| 1025 | Fluoride (2.0) | 0.463 | MG/L | SM4500F < 0.1 | 05/05/97 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.05 | MG/L | SM5540C < 0.05 | 05/01/97 | 82315 |
| 1925 | pH (6.5-8.5) | 7.28 | S.U. | 150.1 < 1.0 | 05/01/97 | 82315 |
| 1055 | Sulfate (250) | 37.8 | MG/L | 375.4 < 1.0 | 05/05/97 | 82315 |
| 1930 | TDS (500) | 219 | MG/L | SM2540C < 5 | 05/02/97 | 82315 |

DHRS # 82315

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Orange Park, FL 32073
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DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 82528 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | SM2150B | < 1 | 05/01/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS029 PEST & PCB CHEM ANALYSIS 62-550.310(2)(c)

Sample Number: 82529 Submission Number: 9704000313 FOREST BROOK WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | | Lab |
|-----------|--------------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2931 | Dibromochloropropane (.2) | < 0.005 | UG/L | 504 | < 0.005 | 05/10/97 | 84269 |
| 2946 | Ethylene dibromide (.02) | < 0.005 | UG/L | 504 | < 0.005 | 05/10/97 | 84269 |
| 2042 | Hexachlorocyclopentadiene (50) | < 0.1 | UG/L | 505 | < 0.1 | 05/07/97 | 84269 |
| 2035 | Di(2-ethylhexyl)adipate (400) | < 1.0 | UG/L | 525 | < 1.0 | 05/05/97 | 84269 |
| 2039 | Di(2-ethylhexyl)phthalate (6) | < 1.0 | UG/L | 525 | < 1.0 | 05/05/97 | 84269 |
| 2037 | Simazine (4) | < 0.1 | UG/L | 507 | < 0.1 | 05/05/97 | 84269 |
| 2050 | Atrazine (3) | < 0.1 | UG/L | 507 | < 0.1 | 05/05/97 | 84269 |
| 2051 | Alachlor (2) | < 0.3 | UG/L | 507 | < 0.3 | 05/05/97 | 84269 |
| 2005 | Endrin (2) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2010 | Lindane (.2) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2015 | Methoxychlor (40) | < 0.02 | UG/L | 508 | < 0.02 | 05/05/97 | 84269 |
| 2020 | Toxaphene (3) | < 0.2 | UG/L | 508 | < 0.2 | 05/05/97 | 84269 |
| 2065 | Heptachlor (.4) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 67 | Heptachlor Epoxide (.2) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2274 | Hexachlorobenzene (1) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2383 | PCB's (.5) | < 0.05 | UG/L | 508 | < 0.05 | 05/05/97 | 84269 |
| 2959 | Chlordane (2) | < 0.05 | UG/L | 508 | < 0.05 | 05/05/97 | 84269 |
| 2031 | Dalapon (200) | < 1 | UG/L | 515.1 | < 1 | 05/08/97 | 84269 |
| 2040 | Picloram (500) | < 0.2 | UG/L | 515.1 | < 0.2 | 05/08/97 | 84269 |
| 2041 | Dinoseb (7) | < 0.2 | UG/L | 515.1 | < 0.2 | 05/08/97 | 84269 |
| 2105 | 2,4-D (70) | < 0.5 | UG/L | 515.1 | < 0.5 | 05/08/97 | 84269 |
| 2110 | 2,4,5-TP (Silvex) (50) | < 0.05 | UG/L | 515.1 | < 0.05 | 05/08/97 | 84269 |
| 2326 | Pentachlorophenol (1) | < 0.05 | UG/L | 515.1 | < 0.05 | 05/08/97 | 84269 |
| 2036 | Oxamyl (Vydate) (200) | < 0.5 | UG/L | 531.1 | < 0.5 | 05/16/97 | 84269 |
| 2046 | Carbofuran (40) | < 0.5 | UG/L | 531.1 | < 0.5 | 05/16/97 | 84269 |
| 2034 | Glyphosate (700) | < 10 | UG/L | 547 | < 10 | 05/06/97 | 84269 |
| 2033 | Endothall (100) | < 10.0 | UG/L | 548 | < 10.0 | 05/07/97 | 84269 |
| 2032 | Diquat (20) | < 1.0 | UG/L | 549.1 | < 1.0 | 05/05/97 | 84269 |
| 2306 | Benzo(a)pyrene (.2) | < 0.01 | UG/L | 550 | < 0.01 | 05/05/97 | 84269 |

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FLORIDA 34677

813-855-1844

Southeastern Environmental Laboratories, Inc.
80 Industrial Loop North, Bldg. 5
Orange Park, Florida 32073

June 2, 1997
Project No. 10869
Page 1 of 2

LABORATORY REPORT

Project Description: Analysis of Water Sample
Sample Description: 01 - Water, 83276, sampled 5/12/97, 0945
Date Received: 5/13/97, 1200

- DEP Report Forms Attached

FHRS Environmental Lab No. E84129
FHRS Drinking Water Lab No. 84269
Comprehensive QA Plan No. 870317



Francis I. Daniels
Laboratory Director

EL No. 83276

PESTICIDE & PCB CHEMICAL ANALYSIS
 62-550.310(2) (c)
 (PWS029)

| <u>Parameter ID</u> | <u>NAME (MCL ug/l)</u> | <u>Sample Number</u> | <u>Analysis Result (ug/l)</u> | <u>Analyt. Method</u> | <u>Analysis Date</u> | <u>MDL</u> | <u>Lab ID</u> |
|---------------------|--------------------------------|----------------------|-------------------------------|-----------------------|----------------------|------------|---------------|
| 2005 | Endrin (2) | 10869-01 | 0.01 U | EPA 508 | 5/14/97 | 0.01 | 84269 |
| 2010 | Lindane (.2) | 10869-01 | 0.01 U | EPA 508 | 5/14/97 | 0.01 | 84269 |
| 2015 | Methoxychlor (40) | 10869-01 | 0.02 U | EPA 508 | 5/14/97 | 0.02 | 84269 |
| 2020 | Toxaphene (3) | 10869-01 | 0.2 U | EPA 508 | 5/14/97 | 0.2 | 84269 |
| 2031 | Dalapon (200) | 10869-01 | 1 U | EPA 515.1 | 5/16/97 | 1 | 84269 |
| 2032 | Diquat (20) | 10869-01 | 1 U | EPA 549.1 | 5/19/97 | 1 | 84269 |
| 2033 | Endothall (100) | 10869-01 | 10 U | EPA 548.1 | 5/14/97 | 10 | 84269 |
| 2034 | Glyphosate (700) | 10869-01 | 10 U | EPA 547 | 5/14/97 | 10 | 84269 |
| 2035 | Di(2-ethylhexyl)adipate (400) | 10869-01 | 1 U | EPA 506 | 5/14/97 | 1 | 84269 |
| 2036 | Oxamyl (Vydate) (200) | 10869-01 | 0.5 U | EPA 531.1 | 5/22/97 | 0.5 | 84269 |
| 2037 | Simazine (4) | 10869-01 | 0.1 U | EPA 507 | 5/14/97 | 0.1 | 84269 |
| 2039 | Di(2-ethylhexyl)phthalate (6) | 10869-01 | 1 U | EPA 506 | 5/14/97 | 1 | 84269 |
| 2040 | Picloram (500) | 10869-01 | 0.2 U | EPA 515.1 | 5/16/97 | 0.2 | 84269 |
| 2041 | Dinoseb (7) | 10869-01 | 0.2 U | EPA 515.1 | 5/16/97 | 0.2 | 84269 |
| 2042 | Hexachlorocyclopentadiene (50) | 10869-01 | 0.1 U | EPA 505 | 5/21/97 | 0.1 | 84269 |
| 2046 | Carbofuran (40) | 10869-01 | 0.5 U | EPA 531.1 | 5/22/97 | 0.5 | 84269 |
| 2050 | Atrazine (3) | 10869-01 | 0.1 U | EPA 507 | 5/14/97 | 0.1 | 84269 |
| 2051 | Alachlor (2) | 10869-01 | 0.3 U | EPA 507 | 5/14/97 | 0.3 | 84269 |
| 2065 | Heptachlor (.4) | 10869-01 | 0.01 U | EPA 508 | 5/14/97 | 0.01 | 84269 |
| 2067 | Heptachlor epoxide (.2) | 10869-01 | 0.01 U | EPA 508 | 5/14/97 | 0.01 | 84269 |
| 2105 | 2,4-D (70) | 10869-01 | 0.5 U | EPA 515.1 | 5/16/97 | 0.5 | 84269 |
| 2110 | 2,4,5-TP (Silvex) (50) | 10869-01 | 0.05 U | EPA 515.1 | 5/16/97 | 0.05 | 84269 |
| 2274 | Hexachlorobenzene (1) | 10869-01 | 0.01 U | EPA 508 | 5/14/97 | 0.01 | 84269 |
| 2306 | Benzo(a)pyrene (.2) | 10869-01 | 0.01 U | EPA 550 | 5/14/97 | 0.01 | 84269 |
| 2326 | Pentachlorophenol (1) | 10869-01 | 0.05 U | EPA 515.1 | 5/16/97 | 0.05 | 84269 |
| 2383 | PCBs (.5) | 10869-01 | 0.05 U | EPA 508 | 5/14/97 | 0.05 | 84269 |
| 2931 | Dibromochloropropane (.2) | 10869-01 | 0.005 U | EPA 504.1 | 5/20/97 | 0.005 | 84269 |
| 2946 | Ethylene dibromide (.02) | 10869-01 | 0.005 U | EPA 504.1 | 5/20/97 | 0.005 | 84269 |
| 2959 | Chlordane (2) | 10869-01 | 0.05 U | EPA 508 | 5/14/97 | 0.05 | 84269 |

U - Analyte was not detected; indicated concentration is method detection limit.



Lawton Chiles
Governor

James T. Howell, M.D., M.P.H.
Secretary

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160381

Public Water System Name: Forest Brook WTP

Public Water System Type:
 Community Non-Community Non-Transient Non-Community

LABORATORY CERTIFICATION INFORMATION

Laboratory Certification Number: 13186

Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4306

Sample Date (MMDDYY): 7/28/97 Sample Time: 12:15

Sample Location: Forest Brook WTP Plant Effluent Tap

Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: David Temple
Title: Lab Tech / Sampler
Phone: 904/721-4601

I do HEREBY CERTIFY that all data submitted are correct.

Signature:

Name: Joseph Escalante

Title: Chemist III

Lab: Safe Drinking Water Laboratory

Phone: 407/297-2095, SC 326-2095

Date: 9/2/97

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



Lawton chiles
Governor

James T. Howell, M.D., M.P.H.
Secretary

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160381

Laboratory Sample Number: 4306

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 3.9 | 1.3 | 0.7 | 900.0 | 8/4/97 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: FOREST BROOK WTP, 5855 OAKLANE DR
I.D.#: 2160381

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 05/23/96 Sample Time: 11:30
Sample Location: FOREST BROOK WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS, SAMPLER/LAB TECH I, 904-721-4643

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9605000210

Date Sample Received: 05/23/96 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

NO3, NO2

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 05/29/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 61002 Submission Number: 9605000210

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/24/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 61003 Submission Number: 9605000210

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/24/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND
REHABILITATIVE SERVICES
District Four

LAWTON CHILES, GOVERNOR

HRS Duval County Public Health Unit

Environmental Health/Engineering Division
900 Building - Suite 300
900 University Boulevard North
Jacksonville, Florida 32211

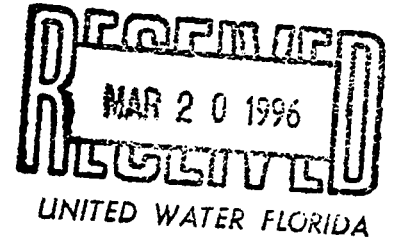
March 13, 1996



JOHN A. DELANEY, MAYOR

United Water
Attn: Scott Turner
P. O. Box 8004
Jacksonville, FL 32239

DUVAL COUNTY
RE: 1996 Chemical Compliance
Forest Brook WTP
PWS ID #: 2160381



Dear Mr. Turner:

In order for your water system to remain in compliance, we wish to inform you of the chemical analyses which are due for the 1996 compliance period.

The following analyses are required for your water system:

1. Nitrate
2. Nitrite

The samples should be taken from the entry point to the distribution (plant effluent). These samples must be treated water.

These samples must be analyzed by a HRS certified laboratory. The results shall be submitted to this office upon completion. Do not rely on the laboratory to submit the results for you. Please keep a copy of these results for your own records.

These analyses need to be submitted to this office no later than November 1, 1996, in order to allow us time to review the results and give you credit in a timely manner.

If you have any questions, please contact the drinking water section at 630-3272.

Sincerely,

Deborah A. Jones
Environmental Specialist II

cc:

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: HOLLY OAKS/QUEENS SYSTEM HOLLY OAKS WTP I.D.#: 2160924

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/25/96 Sample Time: 08:30
Sample Location: HOLLY OAKS WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000236
Date Sample Received: 03/25/96 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57293 Submission Number: 9603000236

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57292 Submission Number: 9603000236

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57291 Submission Number: 9603000236

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 03/26/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 03/26/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 03/26/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/25/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 03/28/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 25.8 | MG/L | 273.1 | < 1.0 | 03/26/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57294 Submission Number: 9603000236

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57295 Submission Number: 9603000236

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | 0.052 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/26/96 | 82315 |
| 1095 | Zinc (5) | 0.056 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57296 Submission Number: 9603000236

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 103 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.17 | S.U. | 150.1 | < 1.0 | 03/25/96 | 82315 |
| 1055 | Sulfate (250) | 147 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 476 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57297 Submission Number: 9603000236

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/25/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160924
 Public Water System Name: Holly Oaks System
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

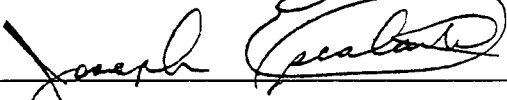
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4294
 Sample Date (MMDDYY): 5/29/96 Sample Time: 13:30
 Sample Location: Holly Oaks WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160924

Laboratory Sample Number: 4294

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.8 | 1.3 | 0.9 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: H O/QUEENS SYS:MONUMENT RD WTP, 1258 MONMENT RD I.D.#: 2160924

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/21/97 Sample Time: 10:30
Sample Location: MONUMENT RD WTP PLANT EFF TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: *David Temple*
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000191
Date Sample Received: 04/21/97 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

NO3,NO2

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature *Chb D Broh*

Date: 04/24/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81877 Submission Number: 9704000191 MONUMENT RD WTP PLANT EFF TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81878 Submission Number: 9704000191 MONUMENT RD WTP PLANT EFF TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

**Southeastern Environmental
Laboratories, Inc.**

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: HOLLY OAKS/QUEENS SYSTEM MONUMENT RD WTP I.D.#: 2160924

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/25/96 Sample Time: 08:15
Sample Location: MONUMENT RD WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000235
Date Sample Received: 03/25/96 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57286 Submission Number: 9603000235

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57285 Submission Number: 9603000235

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57284 Submission Number: 9603000235

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|----------|------|--------|---------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 03/26/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 03/26/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 03/26/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/25/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 03/28/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 35.0 | MG/L | 273.1 | < 1.0 | 03/26/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.002* | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DETECTION LIMIT CHANGED DUE TO MATRIX INTERFERENCE.

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
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(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57287 Submission Number: 9603000235

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57288 Submission Number: 9603000235

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/26/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57289 Submission Number: 9603000235

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 113 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.20 | S.U. | 150.1 | < 1.0 | 03/25/96 | 82315 |
| 1055 | Sulfate (250) | 116 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 513 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57289 Submission Number: 9603000235

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1017 | Chloride (250) | 113 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 490 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.20 | S.U. | 150.1 | < 1.0 | 03/25/96 | 82315 |
| 1055 | Sulfate (250) | 116 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 513 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57290 Submission Number: 9603000235

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/25/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160924
 Public Water System Name: Holly Oaks System
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

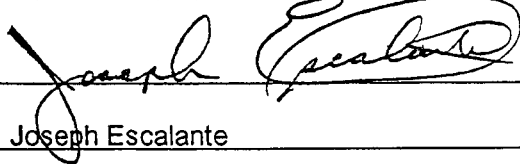
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4295
 Sample Date (MMDDYY): 5/29/96 Sample Time: 15:05
 Sample Location: Monument Road WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160924

Laboratory Sample Number: 4295

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.4 | 0.7 | 0.5 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: I.D.#: 2160924
H O/QUEENS SYS:QUEEN AKERS WTP, 758 ST JOHNS BLUFF

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/21/97 Sample Time: 10:40
Sample Location: QUEEN AKERS WTP PLANT EFF TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/97
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000192
Date Sample Received: 04/21/97 Group(s) Analyzed & Results attached for
compliance with 62-550,F.A.C.:

NO3,NO2

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Cheryl Busch

Date: 04/24/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____
Resample Requested for: _____ Reason: _____
Person notified to resample: _____ Date Notified: _____
DEP/ERS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81879 Submission Number: 9704000192 QUEEN AKERS WTP PLANT EFF TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 81880 Submission Number: 9704000192 QUEEN AKERS WTP PLANT EFF TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/23/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: HOLLY OAKS /QUEENS SYSTEM 758 ST JOHNS BLUFF RD I.D.#: 2160924

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 05/14/96 Sample Time: 11:55
Sample Location: QUEEN AKERS WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Orange Park, FL 32073 Phone #: (904)269-6176
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9605000110
Date Sample Received: 05/14/96 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

INORGANICS, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.
Signature Pamela L. Rivers

Title: Laboratory Manager Date: 05/28/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 60341 Submission Number: 9605000110

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/15/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 60340 Submission Number: 9605000110

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.490 | MG/L | 340.1 | < 0.1 | 05/16/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/15/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 60337 Submission Number: 9605000110

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------|----------|------|--------|--------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 05/17/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 05/15/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | 236.1 | < 0.05 | 05/15/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 05/15/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 05/15/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 05/15/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 60338 Submission Number: 9605000110

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 23.2 | MG/L | 325.3 | < 1.0 | 05/20/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 05/15/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.577 | MG/L | 340.1 | < 0.1 | 05/16/93 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 05/15/96 | 82315 |
| 1925 | pH (6.5-8.5) | 6.88 | S.U. | 150.1 | < 1.0 | 05/14/96 | 82315 |
| 1055 | Sulfate (250) | 147 | MG/L | 375.4 | < 1.0 | 05/14/96 | 82315 |
| 1930 | TDS (500) | 364 | MG/L | 160.1 | < 10 | 05/15/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 60339 Submission Number: 9605000110

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 05/20/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 05/16/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 05/16/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 05/16/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 05/16/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 05/16/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 05/16/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 05/24/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 05/15/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 05/16/96 | 82315 |
| 1052 | Sodium (160) | 12.7 | MG/L | 273.1 | < 1.0 | 05/15/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 05/24/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 60342 Submission Number: 9605000110

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 05/21/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 60343 Submission Number: 9605000110

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 05/14/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160924
 Public Water System Name: Holly Oaks System
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

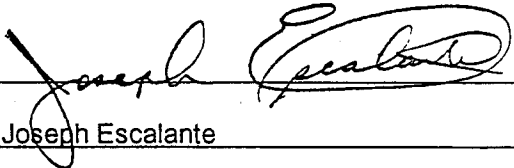
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4293
 Sample Date (MMDDYY): 5/29/96 Sample Time: 13:15
 Sample Location: Queen Akers WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160924

Laboratory Sample Number: 4293

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 1.1 | 1.2 | 0.9 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address:
HYDE GROVE WTP

I.D.#: 2160529

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/30/97 Sample Time: 14:15
Sample Location: HYDE GROVE WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #: 84269

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000309
Date Sample Received: 04/30/97 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

INORG, VOL, GROUP II, SEC, PEST/PCB

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Cheryl

Date: 05/20/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 82482 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|--------------|----------|------|---------------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method MDL | Date | ID |
| 1025 | Fluoride (4) | 0.595 | MG/L | SM4500F < 0.1 | 05/05/97 | 82315 |
| 1041 | Nitrite (1) | 0.023 | MG/L | 353.2 < 0.02 | 05/02/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 82483 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | 0.243 | MG/L | 353.2 | < 0.05 | 05/02/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 82484 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|--------------------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | SM4500c < 0.02 | 05/05/97 | 82315 |

DHRS # 82315

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(904) 269-6176

DHRS E-82179

PWS028 VOLATILE ORGANIC ANALYSIS 62-550.310(2)(b)

 Sample Number: 82485 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | | Lab |
|-----------|----------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2969 | Para-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2378 | 1,2,4-Trichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2380 | Cis-1,2-dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2955 | Xylenes (o) | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| -- | Xylenes (m,p) | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2964 | Dichloromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2968 | O-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2976 | Vinyl Chloride | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2977 | 1,1-Dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2979 | Trans-1,2-dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2980 | 1,2-dichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2981 | 1,1,1-trichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2982 | Carbon Tetrachloride | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2983 | 1,2-dichloropropane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2984 | Trichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2985 | 1,1,2-trichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2987 | Tetrachloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2989 | Monochlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2990 | Benzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2991 | Toluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2992 | Ethylbenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2996 | Styrene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS034 UNREGULATED GROUP II ANALYSIS 62-550.410

Sample Number: 82486 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | | Lab |
|-----------|---------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2210 | Chloromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2212 | Dichlorodifluoromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2214 | Bromomethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2216 | Chloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2218 | Trichlorofluoromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2251 | Methyl-tert-butyl-ether | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2408 | Dibromomethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2410 | 1,1-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2412 | 1,3-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2413 | 1,3-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2414 | 1,2,3-trichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2416 | 2,2-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2941 | Chloroform | 0.0144 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 42 | Bromoform | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2943 | Bromodichloromethane | 0.0079 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2944 | Dibromochloromethane | 0.0040 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2965 | o-chlorotoluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2966 | p-chlorotoluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2967 | m-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2978 | 1,1-dichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2986 | 1,1,1,2-tetrachloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2988 | 1,1,2,2-tetrachloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |
| 2993 | Bromobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/08/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 82487 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|------------------|----------|------|-----------------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method MDL | Date | ID |
| 1002 | Aluminum (0.2) | 0.136 | MG/L | 200.7 < 0.010 | 05/06/97 | 82315 |
| 1022 | Copper (1) | < 0.010 | MG/L | SM3111B < 0.010 | 05/01/97 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | SM3111B < 0.05 | 05/01/97 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | SM3111B < 0.01 | 05/01/97 | 82315 |
| 1050 | Silver (0.1) | < 0.020 | MG/L | SM3111B < 0.020 | 05/02/97 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | SM3111B < 0.05 | 05/01/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
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DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 82488 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|------------------------|----------|------|----------------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method MDL | Date | ID |
| 1017 | Chloride (250) | 19.4 | MG/L | SM4500C < 0.5 | 05/05/97 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | SM2120B < 5 | 05/01/97 | 82315 |
| 1025 | Fluoride (2.0) | 0.595 | MG/L | SM4500F < 0.1 | 05/05/97 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.05 | MG/L | SM5540C < 0.05 | 05/01/97 | 82315 |
| 1925 | pH (6.5-8.5) | 7.24 | S.U. | 150.1 < 1.0 | 05/01/97 | 82315 |
| 1055 | Sulfate (250) | 111 | MG/L | 375.4 < 1.0 | 05/05/97 | 82315 |
| 1930 | TDS (500) | 335 | MG/L | SM2540C < 5 | 05/02/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 82489 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | SM2150B | < 1 | 05/01/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
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(904) 269-6176

DHRS E-82179

PWS029 PEST & PCB CHEM ANALYSIS 62-550.310(2)(c)

Sample Number: 82490 Submission Number: 9704000309 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|--------------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2931 | Dibromochloropropane (.2) | < 0.005 | UG/L | 504 | < 0.005 | 05/10/97 | 84269 |
| 2946 | Ethylene dibromide (.02) | < 0.005 | UG/L | 504 | < 0.005 | 05/10/97 | 84269 |
| 2042 | Hexachlorocyclopentadiene (50) | < 0.1 | UG/L | 505 | < 0.1 | 05/07/97 | 84269 |
| 2035 | Di(2-ethylhexyl)adipate (400) | < 1.0 | UG/L | 525 | < 1.0 | 05/05/97 | 84269 |
| 2039 | Di(2-ethylhexyl)phthalate (6) | < 1.0 | UG/L | 525 | < 1.0 | 05/05/97 | 84269 |
| 2037 | Simazine (4) | < 0.1 | UG/L | 507 | < 0.1 | 05/05/97 | 84269 |
| 2050 | Atrazine (3) | < 0.1 | UG/L | 507 | < 0.1 | 05/05/97 | 84269 |
| 2051 | Alachlor (2) | < 0.3 | UG/L | 507 | < 0.3 | 05/05/97 | 84269 |
| 2005 | Endrin (2) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2010 | Lindane (.2) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2015 | Methoxychlor (40) | < 0.02 | UG/L | 508 | < 0.02 | 05/05/97 | 84269 |
| 2020 | Toxaphene (3) | < 0.2 | UG/L | 508 | < 0.2 | 05/05/97 | 84269 |
| 2065 | Heptachlor (.4) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 67 | Heptachlor Epoxide (.2) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2274 | Hexachlorobenzene (1) | < 0.01 | UG/L | 508 | < 0.01 | 05/05/97 | 84269 |
| 2383 | PCB's (.5) | < 0.05 | UG/L | 508 | < 0.05 | 05/05/97 | 84269 |
| 2959 | Chlordane (2) | < 0.05 | UG/L | 508 | < 0.05 | 05/05/97 | 84269 |
| 2031 | Dalapon (200) | < 1 | UG/L | 515.1 | < 1 | 05/08/97 | 84269 |
| 2040 | Picloram (500) | < 0.2 | UG/L | 515.1 | < 0.2 | 05/08/97 | 84269 |
| 2041 | Dinoseb (7) | < 0.2 | UG/L | 515.1 | < 0.2 | 05/08/97 | 84269 |
| 2105 | 2,4-D (70) | < 0.5 | UG/L | 515.1 | < 0.5 | 05/08/97 | 84269 |
| 2110 | 2,4,5-TP (Silvex) (50) | < 0.05 | UG/L | 515.1 | < 0.05 | 05/08/97 | 84269 |
| 2326 | Pentachlorophenol (1) | < 0.05 | UG/L | 515.1 | < 0.05 | 05/08/97 | 84269 |
| 2036 | Oxamyl (Vydate) (200) | < 0.5 | UG/L | 531.1 | < 0.5 | 05/16/97 | 84269 |
| 2046 | Carbofuran (40) | < 0.5 | UG/L | 531.1 | < 0.5 | 05/16/97 | 84269 |
| 2034 | Glyphosate (700) | < 10 | UG/L | 547 | < 10 | 05/06/97 | 84269 |
| 2033 | Endothall (100) | < 10.0 | UG/L | 548 | < 10.0 | 05/07/97 | 84269 |
| 2032 | Diquat (20) | < 1.0 | UG/L | 549.1 | < 1.0 | 05/05/97 | 84269 |
| 2306 | Benzo(a)pyrene (.2) | < 0.01 | UG/L | 550 | < 0.01 | 05/05/97 | 84269 |

DHRS # 82315

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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 82530 Submission Number: 9704000314 HYDE GROVE WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | | Lab |
|-----------|-------------------|----------|------|---------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | SM3113B | < 0.003 | 05/06/97 | 82315 |
| 1005 | Arsenic (0.05) | < 0.005 | MG/L | SM3113B | < 0.005 | 05/05/97 | 82315 |
| 1010 | Barium (2) | 0.028 | MG/L | 200.7 | < 0.010 | 05/02/97 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 05/02/97 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 05/02/97 | 82315 |
| 1020 | Chromium (0.1) | < 0.010 | MG/L | 200.7 | < 0.010 | 05/02/97 | 82315 |
| 1030 | Lead (0.015) | < 0.001 | MG/L | SM3113B | < 0.001 | 05/05/97 | 82315 |
| 1035 | Mercury (0.002) | < 0.0005 | MG/L | 245.1 | < 0.005 | 05/13/97 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | SM3111B | < 0.05 | 05/01/97 | 82315 |
| 1045 | Selenium (0.05) | < 0.002 | MG/L | SM3113B | < 0.002 | 05/05/97 | 82315 |
| 1052 | Sodium (160) | 7.80 | MG/L | SM3111B | < 0.500 | 05/01/97 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 05/06/97 | 82315 |



Lawton chiles
Governor

James T. Howell, M.D., M.P.H.
Secretary

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160529

Public Water System Name: Hyde Grove WTP

Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

Laboratory Certification Number: 13186

Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4307

Sample Date (MMDDYY): 7/28/97 Sample Time: 11:30

Sample Location: Hyde Grove WTP Plant Effluent Tap

Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: David Temple
Title: Lab Tech / Sampler
Phone: 904/721-4601

I do HEREBY CERTIFY that all data submitted are correct.

Signature:

Name: Joseph Escalante

Title: Chemist III

Lab: Safe Drinking Water Laboratory

Phone: 407/297-2095, SC 326-2095

Date: 9/2/97

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



Lawton Chiles
Governor

James T. Howell, M.D., M.P.H.
Secretary

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160529

Laboratory Sample Number: 4307

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.6 | 1.2 | 0.9 | 900.0 | 8/4/97 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: I.D.#: 2160529
HYDE GROVE WTP 6927 HANSON DR

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/25/96 Sample Time: 10:45
Sample Location: HYDE GROVE WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
DAVID TEMPLE

Sampler's Signature: 
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

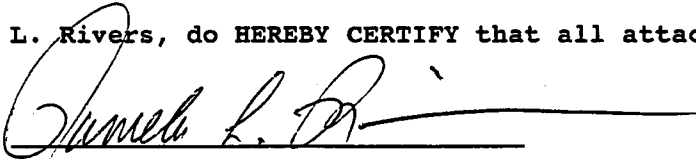
Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/96
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9604000287

Date Sample Received: 04/25/96 Group(s) Analyzed & Results attached for
compliance with 62-550, F.A.C.:

NO3, NO2

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature 

Title: Laboratory Manager Date: 05/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 59438 Submission Number: 9604000287

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 59439 Submission Number: 9604000287

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/26/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND
REHABILITATIVE SERVICES
District Four

LAWTON CHILES, GOVERNOR

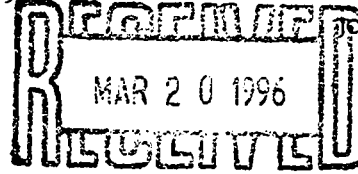
HRS Duval County Public Health Unit

Environmental Health/Engineering Division
900 Building - Suite 300
900 University Boulevard North
Jacksonville, Florida 32211

March 13, 1996



JOHN A. DELANEY, MAYOR



UNITED WATER FLORIDA

United Water
Attn: Scott Turner
P. O. Box 8004
Jacksonville, FL 32239

DUVAL COUNTY
RE: 1996 Chemical Compliance
Hyde Grove WTP
PWS ID #: 2160529

Dear Mr. Turner:

In order for your water system to remain in compliance, we wish to inform you of the chemical analyses which are due for the 1996 compliance period.

The following analyses are required for your water system:

1. Nitrate
2. Nitrite

The samples should be taken from the entry point to the distribution (plant effluent). These samples must be treated water.

These samples must be analyzed by a HRS certified laboratory. The results shall be submitted to this office upon completion. Do not rely on the laboratory to submit the results for you. Please keep a copy of these results for your own records.

These analyses need to be submitted to this office no later than November 1, 1996, in order to allow us time to review the results and give you credit in a timely manner.

If you have any questions, please contact the drinking water section at 630-3272.

Sincerely,

Deborah A. Jones
Environmental Specialist II

cc:

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: JAX HEIGHTS SYSTEM GREEN FOREST WTP
I.D.#: 2160565

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 05/12/97 Sample Time: 10:30
Sample Location: GREEN FOREST WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
DAVID TEMPLE LAB TECH/SUPERVISOR

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/97
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9705000097

Date Sample Received: 05/12/97 Group(s) Analyzed & Results attached for
compliance with 62-550, F.A.C.:

NO2, NO3

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Cliff Brol

Date: 05/16/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

Sample Number: 83265 Submission Number: 9705000097 GREEN FOREST WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/14/97 | 82315 |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 05/14/97 | 82315 |

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: JAX HEIGHTS SYSTEM GREEN FOREST WTP
I.D.#: 2160565

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/25/96 Sample Time: 11:05
Sample Location: GREEN FOREST WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000240
Date Sample Received: 03/25/96 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57321 Submission Number: 9603000240

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57320 Submission Number: 9603000240

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.141 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57319 Submission Number: 9603000240

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 03/26/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 03/26/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 03/26/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/25/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 03/28/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 5.38 | MG/L | 273.1 | < 1.0 | 03/26/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57322 Submission Number: 9603000240

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57323 Submission Number: 9603000240

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | 0.051 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/26/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57324 Submission Number: 9603000240

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 19.6 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | 0.141 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.15 | S.U. | 150.1 | < 1.0 | 03/25/96 | 82315 |
| 1055 | Sulfate (250) | 46.2 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 192 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57325 Submission Number: 9603000240

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/25/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160565
 Public Water System Name: Jax Heights System
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

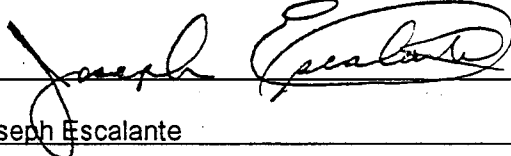
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4286
 Sample Date (MMDDYY): 5/29/96 Sample Time: 10:25
 Sample Location: Green Forest WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160565

Laboratory Sample Number: 4286

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.4 | 0.4 | 0.3 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address:

I.D.#: 2160565

JAX HEIGHTS SYSTEM OAK HILL WTP

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 05/12/97 Sample Time: 10:20

Sample Location: OAK HILL WTP PLANT EFFLUENT TAP

Sampler Name and Phone:

DAVID TEMPLE LAB TECH/SUPERVISOR

Sampler's Signature: David Temple

Check Type(s): DISTRIB ENTRY PT

Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97

Address: 80 Industrial Loop North Building 5
Orange Park, FL 32073

Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9705000097

Date Sample Received: 05/12/97 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

NO2, NO3

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Chad B...

Date: 05/16/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

Sample Number: 83266 Submission Number: 9705000097 OAK HILL WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/14/97 | 82315 |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 05/14/97 | 82315 |

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: I.D.#: 2160565
JAX HEIGHTS SYSTEM OAK HILL WTP

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/25/96 Sample Time: 11:35
Sample Location: OAK HILL WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/96
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000242

Date Sample Received: 03/25/96 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57335 Submission Number: 9603000242

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57334 Submission Number: 9603000242

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | < 0.1 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57333 Submission Number: 9603000242

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|----------|------|--------|---------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 03/26/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 03/26/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 03/26/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/25/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 03/28/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 6.00 | MG/L | 273.1 | < 1.0 | 03/26/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57336 Submission Number: 9603000242

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57337 Submission Number: 9603000242

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/27/96 | 82315 |
| 1095 | Zinc (5) | 0.056 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57338 Submission Number: 9603000242

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1017 | Chloride (250) | 15.7 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | < 0.1 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.11 | S.U. | 150.1 | < 1.0 | 03/25/96 | 82315 |
| 1055 | Sulfate (250) | 56.7 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 223 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57339 Submission Number: 9603000242

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/25/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160565
 Public Water System Name: Jax Heights System
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION

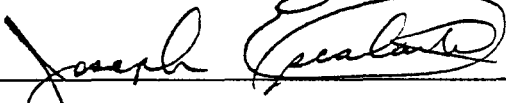
Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4285
 Sample Date (MMDDYY): 5/29/96 Sample Time: 10:15
 Sample Location: Oak Hill WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160565

Laboratory Sample Number: 4285

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.5 | 0.5 | 0.3 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: JAX HEIGHTS SYSTEM WHEAT RD WTP
I.D.#: 2160565

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 05/12/97 Sample Time: 09:25
Sample Location: WHEAT RD WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
DAVID TEMPLE LAB TECH/SUPERVISOR

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9705000097

Date Sample Received: 05/12/97 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

NO2, NO3

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Ch. J. Ph.

Date: 05/16/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

Sample Number: 83267 Submission Number: 9705000097 WHEAT RD WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 05/14/97 | 82315 |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 05/14/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: JAX HEIGHTS SYSTEM WHEAT RD WTP I.D.#: 2160565

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 03/25/96 Sample Time: 11:15
Sample Location: WHEAT RD WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental HRS #: 82315 Expiration Date: 6/30/96
Laboratories, Inc.
Address: 80 Industrial Loop North Phone #: (904)269-6176
Building 5
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9603000241
Date Sample Received: 03/25/96 Group(s) Analyzed & Results attached for
compliance with 62-550, F.A.C.:

PRIMARIES, SECONDARIES

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature Pamela L. Rivers

Title: Laboratory Manager Date: 04/08/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 57328 Submission Number: 9603000241

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 57327 Submission Number: 9603000241

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | < 0.1 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 03/26/96 | 82315 |

Southeastern Environmental
Laboratories, Inc.

DHRS # 82315

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 57326 Submission Number: 9603000241

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | 204.2 | < 0.003 | 04/01/96 | 82315 |
| 1005 | Arsenic (0.05) | < 0.025 | MG/L | 206.2 | < 0.025 | 03/26/96 | 82315 |
| 1010 | Barium (2) | < 0.1 | MG/L | 200.7 | < 0.1 | 03/26/96 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 | < 0.002 | 04/04/96 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 | < 0.003 | 04/04/96 | 82315 |
| 1020 | Chromium (0.1) | < 0.05 | MG/L | 200.7 | < 0.05 | 03/26/96 | 82315 |
| 1030 | Lead (0.015) | < 0.005 | MG/L | 239.2 | < 0.005 | 03/25/96 | 82315 |
| 1035 | Mercury (0.002) | < 0.001 | MG/L | 245.1 | < 0.001 | 03/28/96 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | 249.1 | < 0.05 | 03/28/96 | 82315 |
| 1045 | Selenium (0.05) | < 0.025 | MG/L | 270.2 | < 0.025 | 03/29/96 | 82315 |
| 1052 | Sodium (160) | 5.43 | MG/L | 273.1 | < 1.0 | 03/26/96 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 | < 0.001 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 57329 Submission Number: 9603000241

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | 335.3 | < 0.02 | 04/02/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MET

Sample Number: 57330 Submission Number: 9603000241

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1002 | Aluminum (0.2) | < 0.1 | MG/L | 200.7 | < 0.1 | 04/04/96 | 82315 |
| 1022 | Copper (1) | < 0.05 | MG/L | 220.1 | < 0.05 | 03/27/96 | 82315 |
| 1028 | Iron (0.3) | < 0.05 | MG/L | 236.1 | < 0.05 | 03/27/96 | 82315 |
| 1032 | Manganese (0.05) | < 0.01 | MG/L | 243.1 | < 0.01 | 03/27/96 | 82315 |
| 1050 | Silver (0.1) | < 0.05 | MG/L | 272.1 | < 0.05 | 03/26/96 | 82315 |
| 1095 | Zinc (5) | < 0.05 | MG/L | 289.1 | < 0.05 | 03/27/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 MIN

Sample Number: 57331 Submission Number: 9603000241

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|------------------------|----------|------|--------|--------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1017 | Chloride (250) | 5.54 | MG/L | 325.3 | < 1.0 | 04/01/96 | 82315 |
| 1905 | Color (15 color units) | < 5 | CU | 110.2 | < 5 | 03/27/96 | 82315 |
| 1025 | Fluoride (2.0) | < 0.1 | MG/L | 340.1 | < 0.1 | 03/28/96 | 82315 |
| 2905 | Foaming Agents (0.5) | < 0.02 | MG/L | 425.1 | < 0.02 | 03/27/96 | 82315 |
| 1925 | pH (6.5-8.5) | 7.18 | S.U. | 150.1 | < 1.0 | 03/25/96 | 82315 |
| 1055 | Sulfate (250) | 42.6 | MG/L | 375.4 | < 1.0 | 03/28/96 | 82315 |
| 1930 | TDS (500) | 207 | MG/L | 160.1 | < 10 | 03/26/96 | 82315 |

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320 ODOR

Sample Number: 57332 Submission Number: 9603000241

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|--------------------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1920 | Odor (3 threshold odor number) | < 1 | OTN | 140.1 | < 1 | 03/25/96 | 82315 |



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160565
 Public Water System Name: Jax Heights System
 Public Water System Type:
 Community Non-Community Non-Transient Non-Communit

LABORATORY CERTIFICATION INFORMATION


Laboratory Certification Number: 13186
 Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4287
 Sample Date (MMDDYY): 5/29/96 Sample Time: 10:30
 Sample Location: Wheat Road WTP Plant Effluent Tap
 Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: D. Temple
 Title: Lab Tech I / Sampler
 Phone: 904/721-4643

I do HEREBY CERTIFY that all data submitted are correct.

Signature: 
 Name: Joseph Escalante
 Title: Chemist III
 Lab: Safe Drinking Water Laboratory
 Phone: 407/297-2095, SC 326-2095
 Date: 6/26/96

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160565

Laboratory Sample Number: 4287

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 0.7 | 0.4 | 0.3 | 900.0 | 6/4/96 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address:
LAKE FOREST WTP

I.D.#: 2160634

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 08/27/97 Sample Time: 10:10
Sample Location: LAKE FOREST WTP EFFLUENT TAP
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): PLANT TAP
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/98
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #: 84269

ANALYSIS INFORMATION SUBMISSION NUMBER: 9708000282

Date Sample Received: 08/27/97 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

INORG, VOC, GRP II, SECONDARIES, PEST/PCB

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Chris J. B... L

Date: 09/17/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS031 SECONDARY CHEMICAL ANALYSIS 62-550.320

SUBMISSION NUMBER: 9708000282 LAKE FOREST WTP EFFLUENT TAP

| Parameter ID | Name / MCL mg/L | Sample Number | Analysis Result | Unit | Analysis Method | MDL | Analysis Date | Lab ID |
|-----------------|------------------|------------------|--------------------|------|--------------------|---------|------------------|-----------|
| 1002 | Aluminum (0.2) | 89946 | 0.062 | MG/L | 200.7 | < 0.010 | 09/04/97 | 82315 |
| 1022 | Copper (1) | 89946 | < 0.010 | MG/L | SM3111B | < 0.010 | 09/05/97 | 82315 |
| 1028 | Iron (0.3) | 89946 | < 0.05 | MG/L | SM3111B | < 0.05 | 09/04/97 | 82315 |
| 1032 | Manganese (0.05) | 89946 | < 0.01 | MG/L | SM3111B | < 0.01 | 09/04/97 | 82315 |
| 1050 | Silver (0.1) | 89946 | < 0.020 | MG/L | SM3111B | < 0.020 | 09/04/97 | 82315 |
| 1095 | Zinc (5) | 89946 | < 0.05 | MG/L | SM3111B | < 0.05 | 09/05/97 | 82315 |
| 1017 | Chloride (250) | 89947 | 27.9 | MG/L | SM4500C | < 0.5 | 09/05/97 | 82315 |
| 1905 | Color (15) | 89947 | < 5 | CU | SM2120B | < 5 | 08/27/97 | 82315 |
| 1025 | Fluoride (2.0) | 89947 | 0.804 | MG/L | SM4500F | < 0.1 | 09/03/97 | 82315 |
| 2905 | MBAS (0.5) | 89947 | < 0.05 | MG/L | SM5540C | < 0.05 | 08/29/97 | 82315 |
| 1925 | pH (6.5-8.5) | 89947 | 7.43 | S.U. | 150.1 | < 1.0 | 08/27/97 | 82315 |
| 1055 | Sulfate (250) | 89947 | 80.4 | MG/L | 375.4 | < 1.0 | 09/03/97 | 82315 |
| | TDS (500) | 89947 | 295 | MG/L | SM2540C | < 5 | 09/02/97 | 82315 |
| 1920 | Odor (3) | 89948 | < 1 | OTN | SM2150B | < 1 | 08/28/97 | 82315 |

DHRS # 82315

**Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1)

SUBMISSION NUMBER: 9708000282 LAKE FOREST WTP EFFLUENT TAP

| Parameter ID | Name / MCL mg/L | Sample Number | Analysis Result | Unit | Analysis Method | MDL | Analysis Date | Lab ID |
|-----------------|-------------------|------------------|--------------------|------|--------------------|----------|------------------|-----------|
| 1074 | Antimony (0.006) | 89943 | < 0.003 | MG/L | SM3113B | < 0.003 | 08/28/97 | 82315 |
| 1005 | Arsenic (0.05) | 89943 | < 0.005 | MG/L | SM3113B | < 0.005 | 09/03/97 | 82315 |
| 1010 | Barium (2) | 89943 | 0.014 | MG/L | 200.7 | < 0.010 | 09/03/97 | 82315 |
| 1075 | Beryllium (0.004) | 89943 | < 0.002 | MG/L | 200.7 | < 0.002 | 09/03/97 | 82315 |
| 1015 | Cadmium (0.005) | 89943 | < 0.003 | MG/L | 200.7 | < 0.003 | 09/03/97 | 82315 |
| 1020 | Chromium (0.1) | 89943 | < 0.010 | MG/L | 200.7 | < 0.010 | 09/03/97 | 82315 |
| 1030 | Lead (0.015) | 89943 | < 0.001 | MG/L | SM3113B | < 0.001 | 09/02/97 | 82315 |
| 1035 | Mercury (0.002) | 89943 | < 0.0005 | MG/L | 245.1 | < 0.0005 | 09/09/97 | 82315 |
| 1036 | Nickel (0.1) | 89943 | < 0.05 | MG/L | SM3111B | < 0.05 | 09/05/97 | 82315 |
| 1045 | Selenium (0.05) | 89943 | < 0.002 | MG/L | SM3113B | < 0.002 | 09/04/97 | 82315 |
| 1052 | Sodium (160) | 89943 | 12.0 | MG/L | SM3111B | < 0.500 | 09/04/97 | 82315 |
| 1085 | Thallium (0.002) | 89943 | < 0.001 | MG/L | 200.9 | < 0.001 | 08/28/97 | 82315 |
| | Nitrate (10) | 89944 | < 0.05 | MG/L | 353.2 | < 0.05 | 08/27/97 | 82315 |
| 1025 | Fluoride (4) | 89942 | 0.761 | MG/L | SM4500F | < 0.1 | 09/03/97 | 82315 |
| 1041 | Nitrite (1) | 89942 | < 0.02 | MG/L | 353.2 | < 0.02 | 08/28/97 | 82315 |
| 1024 | Cyanide (0.2) | 89941 | < 0.02 | MG/L | SM4500C | < 0.02 | 08/29/97 | 82315 |

**Southeastern Environmental
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DHRS # 82315

DHRS E-82179

PWS028 VOLATILE ORGANIC ANALYSIS 62-550.310(2)(b)

Submission Number: 9708000282 LAKE FOREST WTP EFFLUENT TAP

| Parameter | Sample | Analysis | | | | Analysis | Lab | |
|-----------|----------------------------|---------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Number</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 2969 | Para-dichlorobenzene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2378 | 1,2,4-Trichlorobenzene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2380 | Cis-1,2-dichloroethylene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2955 | Xylenes (o) | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| -- | Xylenes (m,p) | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2964 | Dichloromethane | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2968 | O-dichlorobenzene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2976 | Vinyl Chloride | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2977 | 1,1-Dichloroethylene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2979 | Trans-1,2-dichloroethylene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2980 | 1,2-dichloroethane | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2981 | 1,1,1-trichloroethane | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2982 | Carbon Tetrachloride | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 83 | 1,2-dichloropropane | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2984 | Trichloroethylene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2985 | 1,1,2-trichloroethane | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2987 | Tetrachloroethylene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2989 | Monochlorobenzene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2990 | Benzene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2991 | Toluene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2992 | Ethylbenzene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2996 | Styrene | 89945 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |

**Southeastern Environmental
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(904) 269-6176

DHRS # 82315

DHRS E-82179

PWS029 PEST & PCB CHEM ANALYSIS 62-550.310(2)(c)

Submission Number: 9708000282 LAKE FOREST WTP EFFLUENT TAP

| Parameter ID | Name/(MCL) | Sample Number | Analysis Result | Unit | Method | MDL | Analysis Date | Lab ID |
|--------------|--------------------------------|---------------|-----------------|------|--------|---------|---------------|--------|
| 2931 | Dibromochloropropane (.2) | 89949 | < 0.005 | UG/L | 504 | < 0.005 | 09/02/97 | 84269 |
| 2946 | Ethylene dibromide (.02) | 89949 | < 0.005 | UG/L | 504 | < 0.005 | 09/02/97 | 84269 |
| 2042 | Hexachlorocyclopentadiene (50) | 89949 | < 0.1 | UG/L | 505 | < 0.1 | 09/04/97 | 84269 |
| 2035 | Di(2-ethylhexyl)adipate (400) | 89949 | < 1.0 | UG/L | 506 | < 1.0 | 08/28/97 | 84269 |
| 2039 | Di(2-ethylhexyl)phthalate (6) | 89949 | < 1.0 | UG/L | 506 | < 1.0 | 08/28/97 | 84269 |
| 2037 | Simazine (4) | 89949 | < 0.1 | UG/L | 507 | < 0.1 | 08/28/97 | 84269 |
| 2050 | Atrazine (3) | 89949 | < 0.1 | UG/L | 507 | < 0.1 | 08/28/97 | 84269 |
| 2051 | Alachlor (2) | 89949 | < 0.3 | UG/L | 507 | < 0.3 | 08/28/97 | 84269 |
| 2005 | Endrin (2) | 89949 | < 0.01 | UG/L | 508 | < 0.01 | 08/28/97 | 84269 |
| 2010 | Lindane (.2) | 89949 | < 0.01 | UG/L | 508 | < 0.01 | 08/28/97 | 84269 |
| 2015 | Methoxychlor (40) | 89949 | < 0.02 | UG/L | 508 | < 0.02 | 08/28/97 | 84269 |
| 2020 | Toxaphene (3) | 89949 | < 0.2 | UG/L | 508 | < 0.2 | 08/28/97 | 84269 |
| 2065 | Heptachlor (.4) | 89949 | < 0.01 | UG/L | 508 | < 0.01 | 08/28/97 | 84269 |
| 67 | Heptachlor Epoxide (.2) | 89949 | < 0.01 | UG/L | 508 | < 0.01 | 08/28/97 | 84269 |
| 2274 | Hexachlorobenzene (1) | 89949 | < 0.01 | UG/L | 508 | < 0.01 | 08/28/97 | 84269 |
| 2383 | PCB's (.5) | 89949 | < 0.05 | UG/L | 508 | < 0.05 | 08/28/97 | 84269 |
| 2959 | Chlordane (2) | 89949 | < 0.05 | UG/L | 508 | < 0.05 | 08/28/97 | 84269 |
| 2031 | Dalapon (200) | 89949 | < 1 | UG/L | 515.1 | < 1 | 08/30/97 | 84269 |
| 2040 | Picloram (500) | 89949 | < 0.2 | UG/L | 515.1 | < 0.2 | 08/30/97 | 84269 |
| 2041 | Dinoseb (7) | 89949 | < 0.2 | UG/L | 515.1 | < 0.2 | 08/30/97 | 84269 |
| 2105 | 2,4-D (70) | 89949 | < 0.5 | UG/L | 515.1 | < 0.5 | 08/30/97 | 84269 |
| 2110 | 2,4,5-TP (Silvex) (50) | 89949 | < 0.05 | UG/L | 515.1 | < 0.05 | 08/30/97 | 84269 |
| 2326 | Pentachlorophenol (1) | 89949 | < 0.05 | UG/L | 515.1 | < 0.05 | 08/30/97 | 84269 |
| 2036 | Oxamyl (Vydate) (200) | 89949 | < 0.5 | UG/L | 531.1 | < 0.5 | 09/03/97 | 84269 |
| 2046 | Carbofuran (40) | 89949 | < 0.5 | UG/L | 531.1 | < 0.5 | 09/03/97 | 84269 |
| 2034 | Glyphosate (700) | 89949 | < 10 | UG/L | 547 | < 10 | 08/29/97 | 84269 |
| 2033 | Endothall (100) | 89949 | < 10.0 | UG/L | 548 | < 10.0 | 08/28/97 | 84269 |
| 2032 | Diquat (20) | 89949 | < 1.0 | UG/L | 549.1 | < 1.0 | 08/31/97 | 84269 |
| 2306 | Benzo(a)pyrene (.2) | 89949 | < 0.01 | UG/L | 550 | < 0.01 | 08/28/97 | 84269 |

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DHRS # 82315

DHRS E-82179

PWS034 UNREGULATED GROUP II ANALYSIS 62-550.410

Submission Number: 9708000282 LAKE FOREST WTP EFFLUENT TAP

| Parameter | | Sample | Analysis | | | Analysis Lab | | |
|-----------|---------------------------|--------|----------|------|--------|--------------|----------|-------|
| ID | Name/(MCL) | Number | Result | Unit | Method | MDL | Date | ID |
| 2210 | Chloromethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2212 | Dichlorodifluoromethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2214 | Bromomethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2216 | Chloroethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2218 | Trichlorofluoromethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2251 | Methyl-tert-butyl-ether | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2408 | Dibromomethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2410 | 1,1-dichloropropene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2412 | 1,3-dichloropropene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2413 | 1,3-dichloropropene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2414 | 1,2,3-trichloropropane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2416 | 2,2-dichloropropane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2941 | Chloroform | 89950 | 0.0283 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 42 | Bromoform | 89950 | 0.0019 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2943 | Bromodichloromethane | 89950 | 0.0206 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2944 | Dibromochloromethane | 89950 | 0.0087 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2965 | o-chlorotoluene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2966 | p-chlorotoluene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2967 | m-dichlorobenzene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2978 | 1,1-dichloroethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2986 | 1,1,1,2-tetrachloroethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2988 | 1,1,2,2-tetrachloroethane | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |
| 2993 | Bromobenzene | 89950 | < 0.0005 | MG/L | 524.2 | < 0.0005 | 09/08/97 | 82315 |

No. 89949

PESTICIDE & PCB CHEMICAL ANALYSIS
 62-550.310(2) (c)
 (PWS029)

| <u>Parameter ID</u> | <u>NAME (MCL ug/l)</u> | <u>Sample Number</u> | <u>Analysis Result (ug/l)</u> | <u>Analyt. Method</u> | <u>Analysis Date</u> | <u>MDL</u> | <u>Lab ID</u> |
|---------------------|--------------------------------|----------------------|-------------------------------|-----------------------|----------------------|------------|---------------|
| 2005 | Endrin (2) | 11462-01 | 0.01 U | EPA 508 | 8/28/97 | 0.01 | 84269 |
| 2010 | Lindane (.2) | 11462-01 | 0.01 U | EPA 508 | 8/28/97 | 0.01 | 84269 |
| 2015 | Methoxychlor (40) | 11462-01 | 0.02 U | EPA 508 | 8/28/97 | 0.02 | 84269 |
| 2020 | Toxaphene (3) | 11462-01 | 0.2 U | EPA 508 | 8/28/97 | 0.2 | 84269 |
| 2031 | Dalapon (200) | 11462-01 | 1 U | EPA 515.1 | 8/30/97 | 1 | 84269 |
| 2032 | Diquat (20) | 11462-01 | 1 U | EPA 549.1 | 8/31/97 | 1 | 84269 |
| 2033 | Endothall (100) | 11462-01 | 10 U | EPA 548.1 | 8/28/97 | 10 | 84269 |
| 2034 | Glyphosate (700) | 11462-01 | 10 U | EPA 547 | 8/29/97 | 10 | 84269 |
| 2035 | Di(2-ethylhexyl)adipate (400) | 11462-01 | 1 U | EPA 506 | 8/28/97 | 1 | 84269 |
| 2036 | Oxamyl (Vydate) (200) | 11462-01 | 0.5 U | EPA 531.1 | 9/3/97 | 0.5 | 84269 |
| 2037 | Simazine (4) | 11462-01 | 0.1 U | EPA 507 | 8/28/97 | 0.1 | 84269 |
| 19 | Di(2-ethylhexyl)phthalate (6) | 11462-01 | 1 U | EPA 506 | 8/28/97 | 1 | 84269 |
| 2040 | Picloram (500) | 11462-01 | 0.2 U | EPA 515.1 | 8/30/97 | 0.2 | 84269 |
| 2041 | Dinoseb (7) | 11462-01 | 0.2 U | EPA 515.1 | 8/30/97 | 0.2 | 84269 |
| 2042 | Hexachlorocyclopentadiene (50) | 11462-01 | 0.1 U | EPA 505 | 9/4/97 | 0.1 | 84269 |
| 2046 | Carbofuran (40) | 11462-01 | 0.5 U | EPA 531.1 | 9/3/97 | 0.5 | 84269 |
| 2050 | Atrazine (3) | 11462-01 | 0.1 U | EPA 507 | 8/28/97 | 0.1 | 84269 |
| 2051 | Alachlor (2) | 11462-01 | 0.3 U | EPA 507 | 8/28/97 | 0.3 | 84269 |
| 2065 | Heptachlor (.4) | 11462-01 | 0.01 U | EPA 508 | 8/28/97 | 0.01 | 84269 |
| 2067 | Heptachlor epoxide (.2) | 11462-01 | 0.01 U | EPA 508 | 8/28/97 | 0.01 | 84269 |
| 2105 | 2,4-D (70) | 11462-01 | 0.5 U | EPA 515.1 | 8/30/97 | 0.5 | 84269 |
| 2110 | 2,4,5-TP (Silvex) (50) | 11462-01 | 0.05 U | EPA 515.1 | 8/30/97 | 0.05 | 84269 |
| 2274 | Hexachlorobenzene (1) | 11462-01 | 0.01 U | EPA 508 | 8/28/97 | 0.01 | 84269 |
| 2306 | Benzo(a)pyrene (.2) | 11462-01 | 0.01 U | EPA 550 | 8/28/97 | 0.01 | 84269 |
| 2326 | Pentachlorophenol (1) | 11462-01 | 0.05 U | EPA 515.1 | 8/30/97 | 0.05 | 84269 |
| 2383 | PCBs (.5) | 11462-01 | 0.05 U | EPA 508 | 8/28/97 | 0.05 | 84269 |
| 2931 | Dibromochloropropane (.2) | 11462-01 | 0.005 U | EPA 504.1 | 9/2/97 | 0.005 | 84269 |
| 2946 | Ethylene dibromide (.02) | 11462-01 | 0.005 U | EPA 504.1 | 9/2/97 | 0.005 | 84269 |
| 2959 | Chlordane (2) | 11462-01 | 0.05 U | EPA 508 | 8/28/97 | 0.05 | 84269 |

U - Analyte was not detected; indicated concentration is method detection limit.



Lawton chiles
Governor

James T. Howell, M.D., M.P.H.
Secretary

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION

Public Water System ID Number: 2160634
Public Water System Name: Lake Forest WTP
Public Water System Type:
 Community Non-Community Non-Transient Non-Community

LABORATORY CERTIFICATION INFORMATION

Laboratory Certification Number: 13186
Parameter Group Analyzed: Radiological

SAMPLE INFORMATION

Laboratory Sample Number: 4319
Sample Date (MMDDYY): 8/27/97 Sample Time: 10:10
Sample Location: Lake Forest WTP Plant Effluent Tap
Sample Type: Check Regular Distribution Composite
 Clearance Maximum Residence Time Plant Tap
 Raw Well Resample
 Special

Sampler Name: Robert Riggs
 Title: Lab Tech / Sampler
 Phone: 904/721-4601

I do HEREBY CERTIFY that all data submitted are correct.

Signature:
Name: Joseph Escalante
Title: Chemist III
Lab: Safe Drinking Water Laboratory
Phone: 407/297-2095, SC 326-2095
Date: 10/14/97

Results to:
Scott Turner
United Water Florida
P. O. Box 8004
Jacksonville, FL 32239
904/721-4643

Copy to:
Lynal DeFalco
Dept. of Environmental Protection
7825 Baymeadows Way, Suite B-200
Jacksonville, FL 32256-7577



RADIOLOGICAL ANALYSIS

Public Water System ID Number: 2160634

Laboratory Sample Number: 4319

| <u>Contam. ID</u> | <u>PARAMETER</u> | <u>Analysis Results (pCi/L)</u> | <u>Analysis Error</u> | <u>Detection Limit</u> | <u>Analytical Method</u> | <u>Analysis Date</u> |
|-------------------|------------------|---------------------------------|-----------------------|------------------------|--------------------------|----------------------|
| 4000 | Gross Alpha | 2.9 | 1.2 | 0.8 | 900.0 | 9/8/97 |
| 4020 | Radium-226 | | | | 903.1 | |
| 4030 | Radium-228 | | | | *Alt | |
| 4400 | Natural Uranium | | | | 908.0 | |
| 4100 | Gross Beta | | | | 900.0 | |
| 4102 | Tritium | | | | 906.0 | |
| 4172 | Strontium-89 | | | | 905.0 | |
| 4174 | Strontium-90 | | | | 905.0 | |
| 4264 | Iodine-131 | | | | **Alt | |
| 4270 | Cesium-134 | | | | 901.1 | |
| 4276 | Cesium-137 | | | | 901.1 | |
| 4142 | Cobalt-60 | | | | 901.1 | |

NOTE: Methods are from "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," US EPA, EPA-600/4-80-032, unless noted.

*Alternate Approved Procedure: Brooks - Blanchard Method

**Alternate Approved Procedure: Radiochemical Determination of I-131 in Milk and Water



Lawton Chiles
Governor

James T. Howell, M.D., M.P.H.
Secretary

Safe Drinking Water Analyte Sheet (RADIOCHEMISTRY)

LABORATORY: Safe Drinking Water Laboratory

CERTIFICATION ID#: 13186

Date: July 1, 1997

Supersedes previous issue dated: 1/2/97

RADIOCHEMISTRY

| | Method No. | Publication | [XX indicates ANALYTE CERTIFIED] |
|---------------------------|--------------|---|----------------------------------|
| <u>XX</u> Gross Alpha | <u>900.0</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u>XX</u> Gross Beta | <u>900.0</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u>XX</u> Radium-226 | <u>903.1</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u>XX</u> Radium-228 | <u>Ra-05</u> | Radiochemistry Procedures Manual, EPA-520/5-84-006 (Brooks and Blanchard, EPA Approved Procedure) | |
| <u>XX</u> Natural Uranium | <u>908.1</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u> </u> Radon | <u> </u> | | |
| <u>XX</u> Tritium | <u>906.0</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u>XX</u> Strontium-89 | <u>905.0</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u>XX</u> Strontium-90 | <u>905.0</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u>XX</u> Iodine-131 | <u>*Alt</u> | Radiochemical Determination of I-131 in Milk and Water *(EPA Alternate Approved Procedure) | |
| <u>XX</u> Photon Emitters | <u>901.1</u> | Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032 | |
| <u> XX</u> Cesium-134 | | | |
| <u> XX</u> Cesium-137 | | | |
| <u> XX</u> Cobalt-60 | | | |
| <u> XX</u> Barium-133 | | | |
| <u> XX</u> Zinc-65 | | | |

Lawton Chiles
Governor



James T. Howell, M.D., M.P.H.
RECEIVED
Secretary

OCT 17 1997

UNITED WATER FLORIDA

Dear Client:

Enclosed are the results from the water sample(s) sent to our laboratory for radiochemical measurements. The sample(s) were analyzed according to the guidelines set forth by the Florida Safe Drinking Water Act.

If there are any questions concerning the enclosed results, please direct them to me or Ben Prewitt at 407/297-2095 or Fax 407/297-2085.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph Escalante".

Joseph Escalante
Chemist III
Safe Drinking Water Laboratory

DHRS # 82315

**Southeastern Environmental
Laboratories, Inc.**
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: LAKE FOREST WTP 1202 BUNKERHILL BLVD I.D.#: 2160634

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 11/20/96 Sample Time: 09:55
Sample Location: LAKE FOREST WTP NEXT DOOR TAP @ 1234 BUNKERHILL
Sampler Name and Phone:
ROBERT RIGGS

Sampler's Signature: Robert Riggs
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Phone #: (904)269-6176
Orange Park, FL 32073
Subcontracted Lab HRS #:

ANALYSIS INFORMATION SUBMISSION NUMBER: 9611000246
Date Sample Received: 11/20/96 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

NO3, NO2

I, Pamela L. Rivers, do HEREBY CERTIFY that all attached analytical data are correct.

Signature: Pamela L. Rivers

Title: Laboratory Manager Date: 11/25/96

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

**Southeastern Environmental
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DHRS E-82179

Sample Number: 71721 Submission Number: 9611000246

| <u>Parameter</u> | | <u>Analysis</u> | | | | <u>Analysis</u> | <u>Lab</u> |
|------------------|-------------------|-----------------|-------------|---------------|------------|-----------------|------------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 11/22/96 | 82315 |

DHRS # 82315

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DHRS E-82179

Sample Number: 71722 Submission Number: 9611000246

| <u>Parameter</u> | | <u>Analysis</u> | | | | <u>Analysis</u> | <u>Lab</u> |
|------------------|-------------------|-----------------|-------------|---------------|------------|-----------------|------------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1041 | Nitrite (1) | < 0.05 | MG/L | 353.2 | < 0.05 | 11/22/96 | 82315 |

DHRS # 82315

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DHRS E-82179

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

System Name and Address: LOFTON OAKS WTP, 300 E STEWART AVE I.D.#: 2454338

Type: COMMUNITY

SAMPLE INFORMATION

Sample Date: 04/28/97 Sample Time: 08:55
Sample Location: LOFTON OAKS WTP PLANT EFFLUENT TAP
Sampler Name and Phone:
DAVID TEMPLE, LAB TECH/SAMPLER 904-721-4601

Sampler's Signature: David Temple
Check Type(s): DISTRIB ENTRY PT
Comments:

LABORATORY CERTIFICATION INFORMATION

Lab Name: Southeastern Environmental Laboratories, Inc. HRS #: 82315 Expiration Date: 6/30/97
Address: 80 Industrial Loop North Building 5 Orange Park, FL 32073 Phone #: (904)269-6176
Subcontracted Lab HRS #: 84269

ANALYSIS INFORMATION SUBMISSION NUMBER: 9704000271

Date Sample Received: 04/28/97 Group(s) Analyzed & Results attached for compliance with 62-550,F.A.C.:

INORGANICS, GRP II, SECONDARIES, PEST/PCB, VOC

I do HEREBY CERTIFY that all attached analytical data are correct.

Signature Ch 62781

Date: 05/19/97

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Requested for: _____ Reason: _____

Person notified to resample: _____ Date Notified: _____

DEP/HRS Reviewing Official: _____

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) METALS

Sample Number: 82257 Submission Number: 9704000271 LOFTON OAKS WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab |
|-----------|-------------------|----------|------|-----------------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method MDL | Date | ID |
| 1074 | Antimony (0.006) | < 0.003 | MG/L | SM3113B < 0.003 | 04/30/97 | 82315 |
| 1005 | Arsenic (0.05) | < 0.005 | MG/L | SM3113B < 0.005 | 04/29/97 | 82315 |
| 1010 | Barium (2) | 0.032 | MG/L | 200.7 < 0.010 | 04/30/97 | 82315 |
| 1075 | Beryllium (0.004) | < 0.002 | MG/L | 200.7 < 0.002 | 04/30/97 | 82315 |
| 1015 | Cadmium (0.005) | < 0.003 | MG/L | 200.7 < 0.003 | 04/30/97 | 82315 |
| 1020 | Chromium (0.1) | < 0.010 | MG/L | 200.7 < 0.010 | 04/30/97 | 82315 |
| 1030 | Lead (0.015) | < 0.001 | MG/L | SM3113B < 0.001 | 04/28/97 | 82315 |
| 1035 | Mercury (0.002) | < 0.0005 | MG/L | 245.1 < 0.005 | 05/01/97 | 82315 |
| 1036 | Nickel (0.1) | < 0.05 | MG/L | SM3111B < 0.05 | 05/01/97 | 82315 |
| 1045 | Selenium (0.05) | < 0.002 | MG/L | SM3113B < 0.002 | 04/29/97 | 82315 |
| 1052 | Sodium (160) | 16.4 | MG/L | SM3111B < 0.500 | 05/01/97 | 82315 |
| 1085 | Thallium (0.002) | < 0.001 | MG/L | 200.9 < 0.001 | 04/30/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) MINERALS

Sample Number: 82258 Submission Number: 9704000271 LOFTON OAKS WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1025 | Fluoride (4) | 0.684 | MG/L | SM4500F | < 0.1 | 04/29/97 | 82315 |
| 1041 | Nitrite (1) | < 0.02 | MG/L | 353.2 | < 0.02 | 04/29/97 | 82315 |

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) NUTRIENTS

Sample Number: 82259 Submission Number: 9704000271 LOFTON OAKS WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|-------------------|---------------|-------------|---------------|------------|-------------|-----------|
| <u>ID</u> | <u>Name/(MCL)</u> | <u>Result</u> | <u>Unit</u> | <u>Method</u> | <u>MDL</u> | <u>Date</u> | <u>ID</u> |
| 1040 | Nitrate (10) | < 0.05 | MG/L | 353.2 | < 0.05 | 04/29/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS030 INORGANIC ANALYSIS 62-550.310(1) CYANIDE

Sample Number: 82260 Submission Number: 9704000271 LOFTON OAKS WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | Analysis | Lab | |
|-----------|---------------|----------|------|---------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 1024 | Cyanide (0.2) | < 0.02 | MG/L | SM4500C | < 0.02 | 05/05/97 | 82315 |

DHRS # 82315

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DHRS E-82179

PWS028 VOLATILE ORGANIC ANALYSIS 62-550.310(2)(b)

Sample Number: 82261 Submission Number: 9704000271 LOFTON OAKS WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|----------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2969 | Para-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2378 | 1,2,4-Trichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2380 | Cis-1,2-dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2955 | Xylenes (o) | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| -- | Xylenes (m,p) | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2964 | Dichloromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2968 | O-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2976 | Vinyl Chloride | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2977 | 1,1-Dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2979 | Trans-1,2-dichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2980 | 1,2-dichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2981 | 1,1,1-trichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2982 | Carbon Tetrachloride | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 83 | 1,2-dichloropropane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2984 | Trichloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2985 | 1,1,2-trichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2987 | Tetrachloroethylene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2989 | Monochlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2990 | Benzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2991 | Toluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2992 | Ethylbenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2996 | Styrene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |

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DHRS # 82315

DHRS E-82179

PWS034 UNREGULATED GROUP II ANALYSIS 62-550.410

Sample Number: 82262 Submission Number: 9704000271 LOFTON OAKS WTP PLANT EFFLUENT TAP

| Parameter | | Analysis | | | | Analysis | Lab |
|-----------|---------------------------|----------|------|--------|----------|----------|-------|
| ID | Name/(MCL) | Result | Unit | Method | MDL | Date | ID |
| 2210 | Chloromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2212 | Dichlorodifluoromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2214 | Bromomethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2216 | Chloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2218 | Trichlorofluoromethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2251 | Methyl-tert-butyl-ether | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2408 | Dibromomethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2410 | 1,1-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2412 | 1,3-dichloropropane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2413 | 1,3-dichloropropene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2414 | 1,2,3-trichloropropane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2416 | 2,2-dichloropropane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2941 | Chloroform | 0.0181 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 42 | Bromoform | 0.0024 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2943 | Bromodichloromethane | 0.0135 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2944 | Dibromochloromethane | 0.0081 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2965 | o-chlorotoluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2966 | p-chlorotoluene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2967 | m-dichlorobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2978 | 1,1-dichloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2986 | 1,1,1,2-tetrachloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2988 | 1,1,2,2-tetrachloroethane | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |
| 2993 | Bromobenzene | < 0.0005 | MG/L | 524.2 | < 0.0005 | 05/01/97 | 82315 |