

**GROUNDWATER SUMMARY REPORT
GULF POWER COMPANY
SCHOLZ ELECTRIC GENERATING PLANT
SNEADS, FLORIDA**

Prepared by:

**Gulf Power Company
Environmental Affairs
500 Bayfront Parkway
Pensacola, Florida 32520**

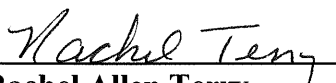
March 27, 1997

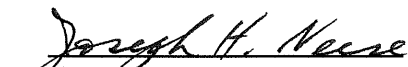
CERTIFICATION

PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA

This is to certify that I have reviewed and approve the contents of this Groundwater Summary Report for the Gulf Power Company, Scholz Electric Generating Plant, Sneads, Florida.

Reviewers:


Rachel Allen Terry


Joseph H. Neese


3-27-97
Richard M. Markey
State of Florida License #0000265
Gulf Power Company
500 Bayfront Parkway
Pensacola, Florida 32520-0328
(904) 444-6573

Introduction

On February 17, 1995, the Florida Department of Environmental Protection issued a modification to Industrial Wastewater Permit No. IO32-189371. Specific condition 39 of this modification required the following:

“39. With permit renewal application a written technical report shall be prepared and submitted to the Department which summarizes and interprets the water quality data and water levels from permit issuance to present. The report shall be submitted by a qualified professional and shall contain the following items at a minimum:

- A. Tables and graphs of ground water quality data, including hydrographs, for all monitoring wells. Rainfall data should be included with the hydrographs.
- B. A comparison of water quality results between upgradient wells and downgradient wells (intermediate and compliance).
- C. A summary of all violations of applicable water standards.
- D. Ground water contour maps for each sampling event.
- E. A discussion of any data that is thought to be inconsistent or suspect.
- F. A summary of the physical condition of the monitoring system. This should be based on visual observation and sampling records”.

As a result of this modification (Appendix A), the groundwater summary report provides an evaluation of groundwater data from August 3, 1994 to November 13, 1996. The tasks described above are included in Appendices B through H.

A. Tables and Graphs of Groundwater Quality Including Hydrographs:

Currently ten monitoring wells are used to monitor the Scholz plant ash pond and associated site features. In addition, four piezometers MW-103, MW-105, MW-110A and MW-112 are used to collect more comprehensive water level data from this site.

The tables (Table 1) of water quality data are located in Appendix B. Hydrographs including rainfall and water levels as requested is included in Appendix C. In addition, a table of water levels (table 2) and rainfall (table 3) are also located in Appendix C for the permit time period.

B. A Comparison of Water Quality Results between Upgradient Wells and Downgradient Wells (Intermediate and Compliance):

A comparison of upgradient and downgradient wells is presented in Table 4 (Appendix D). Page 1 presents the five compliance wells and one background well MW-205MD. A summary of the tables is as follows:

Floridan Aquifer wells:

In respect to Cadmium, Chromium, Lead, Mercury, and Selenium, these constituents were either non detect for all events or detected slightly above the detection limit in the Floridan Aquifer wells. Monitor wells MW-203MD and MW-210MD have had a slightly decreased pH. Also, MW-210MD has had elevated Sulfate and Nickel values. Nickel was detected below the detection limits for the August 3, 1994 event and has been slightly over and under the standard of 0.10 mg/L since the August, 1994 sampling event. These results and theories of this occurrence have been submitted to the Department and will be discussed below.

In respect to Gross Alpha, the majority of the laboratory results have been non detect. Well MW-210MD had a detection of Gross Alpha at 16+/-13 pCi/L. This value was thought to be suspect and a confirmation sampling event was conducted on September 13, 1995. Gross Alpha was non detect.

Surficial Aquifer:

The surficial aquifer monitoring wells consist of MW-205S (background), MW-203S, MW-204S and MW-210S. In all sampling events conducted, Cadmium and Mercury have not been detected above the detection limits of 0.01 mg/L and 0.00020 mg/L respectively. In addition, Nickel has been non detect with the exception of well MW-203S which has ranged from non detect to a maximum level of 0.062 mg/L.

Plant Scholz Groundwater Summary Report

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Lead has been detected in the background well MW-205S as well as MW-203S, and MW-204S. Lead and Chromium have been detected above State water quality standards for MW-203S. However, the confirmation sampling event required in this permit did not verify the previous readings.

In reference to additional parameters detected in shallow wells at Plant Scholz, Gross Beta, Specific Conductivity, Turbidity, and Gross Alpha are higher in downgradient wells than the background well MW-205S levels. Also, Gross Alpha was non detect in every sampling event in the background well with non detect to below State water quality standards in the downgradient wells.

C. A Summary of All Violations of Applicable Water Standards:

Since last permit issuance, Chromium and Lead have been detected in excess of State water quality standards in well MW-203S. During the November 7, 1994 sampling event Lead was detected at 0.032 mg/L. Resampling was immediately scheduled and results for this well were below detection limits. In reference to Chromium and Lead detected during the July 24, 1996 sampling event the Turbidity level for this well was 780 NTU. A re-sampling was conducted on September 4, 1996 and these levels were not confirmed (both Lead and Chromium were non detect). Chromium and Lead are natural metals often detected in Northwest Florida.

Monitor well MW-210 MD detected Gross Alpha at a concentration of 16+/-13 pCi/L (Radium 226 was non detect) on July 26, 1995. A re-sampling of this well did not detect Gross Alpha.

Nickel has been detected from time to time in well MW-210MD. The results from this well are illustrated in Table 1. This occurrence was reported to the Northwest District Office. We conducted a re-sampling event which resulted in a level over 0.10 mg/L. At this point we conducted an operational review for sources of Nickel. Based on interviews with Plant personnel, no sources could be located. Other monitor wells were then reviewed to determine whether this was an anomalous value. In review of sampling events at Plant Scholz, only one other well had detected Nickel (well MW-203S detected Nickel below 0.10 mg/L). In addition, the wells closest to the ash pond (in the Surficial and Floridan Aquifers) appear to indicate that the ash pond is not the source of this constituent.

As an additional investigative measure, Gulf Power Company had some natural formation material, present above the Floridan Aquifer analyzed for Nickel. This sample resulted from the installation of well MW-210MD. During the well installation, a low permeable blue clay layer was encountered. Due to dissolution of the Floridan Aquifer (as noted in the lithologic logs submitted to the Department), some slumping often occurs from the upper units. Slumping could cause the clay unit to come in direct contact with the Floridan Aquifer. In support of this theory, the shallow well near MW-210MD (210S) which is screened above this unit has been below detection limits for Nickel. Also, previous shallow and deep cluster wells (110 and 110A) did not detect nickel above the MCL. A copy of the analytical results conducted and issued to the Department on June 26, 1995. The concentration detected in this low permeability unit was 7.0 mg/kg nickel.

Based on the information above, it appears that no violations in water quality standards have occurred which are related to site operations.

D. Groundwater Contour Maps for Each Sampling Event:

Potentiometric maps for the Surficial and Floridan Aquifers have been prepared and are located in Appendices G and H. Groundwater flow in the Surficial Aquifer is consistently toward monitor well MW-203S.

The Floridan Aquifer flow is primarily toward the Appalachicola River with some events, such as April 26, 1995, July 26, 1995, October 17, 1995, illustrating a groundwater mound in the vicinity of MW-212MD and PZ-112. During this period, rainfall was somewhat elevated. In respect to the January 11, 1996 potentiometric map (Figure 17), this water level depiction is thought to be suspect.

E. A Discussion of Any Data that is Thought to be Inconsistent or Suspect:

In review of the water quality data and water levels collected since permit issuance, the following water levels look inconsistent or suspect:

- Water level in PZ-110A on April 26, 1995 (see table 2)
- Water levels in PZ-103 and PZ-105 on January 11, 1996.
- The flow map of the Floridan Aquifer on January 11, 1996 appears to be suspect. It is inconsistent with previous and subsequent events. It is assumed in this report to be non representative of site conditions. No abnormal rainfall has occurred during this time period.
- Groundwater data which was not confirmed by a subsequent sampling.

F. A Summary of the Physical Condition of the Monitoring System. This should be based on a Visual Observation and Sampling Records:

A physical evaluation of the monitoring system occurred on October 9, 1996. All wells were in good condition and properly sealed. On November 13, 1996, monitor well MW-210S was dry. Subsequent sampling of this well indicates it is in good working order.

Monitor wells not needed for future monitoring were abandoned in accordance with Specific Condition 37. These wells consisted of 104A, 104B, 113, 111, 112A, 105 and wells A, B & C depicted in the July 15, 1993 report entitled "Proposed Groundwater Monitoring Plan, Gulf Power Company, Scholz Electric Generating". The well abandonment permits issued by the Northwest Florida Water Management District are located in Appendix I.

In review of the purge sheets required by this permit from time to time, monitor well MW-203S and MW-210S were purged dry. On November 13, 1996, monitor well MW-210S was dry. As stated in Specific Condition 33 of the permit, "The Surficial Aquifer monitoring wells shall be routinely sampled depending on water availability. Lack of water in Surficial wells during routine sampling shall not constitute a violation of this permit".

Samples collected from monitor well MW-203S have been turbid during purging operations. Gulf Power Company will re-develop this well in the future to ensure representative water quality samples.

Further Interpretation of Water Quality (Graphs):

This section addresses notable trends that were observed from the water quality graphs found in Appendices E and F.

Surficial Aquifer:

MW-203S: Increases in Iron and Aluminum were noted from water quality graphs. These increases correspond generally with decrease in water level within the well.

MW-204S: A slight increase in Sulfate is noted over time in well.

MW-205S: A slight increase in Chlorides are observed over time from the water quality graphs. In addition, a general increase in pH can be found on the water quality graph.

MW-210S: A decrease in pH is observed over time in this well.

Floridan Aquifer:

MW-203MD: A decrease in Sulfate and TDS is observed over time.

MW-204MD: No notable trends.

MW-205MD: A very slight increase in Chloride is noted during this monitoring period.

MW-210MD: No notable trends.

MW-212MD: A very slight decrease in Chlorides, a decrease in TDS and Sulfate is illustrated in the water quality graphs. A slight increase in pH was noted over time.

WSW-2: A decrease in Sulfate is observed over time.

No other discernible trends could be obtained from the water quality graphs included in this report. Data will be reviewed into the future for trends analysis.

Recommendations for Future Monitoring:

It is the intent of these summary reports to provide for the evaluation of water quality data and make adjustments to monitoring as needed. Based on my review of the analytical data, Cadmium, Mercury and Selenium should be dropped from further groundwater monitoring operations. These three parameters have either been non detect for every event (Cadmium) or detected slightly over the detection limit on a rare occasion (Mercury and Selenium).

In respect to Radionuclides, an annual sampling of all regular monitoring wells should take place for Gross Alpha. As stated in Specific Condition 36, in the event that a groundwater sample analysis results in a gross alpha above 5 pCi/L, the radium 226 level shall be determined on the original sample. If the radium 226 is above 3 pCi/L, radium 228 should be determined on the original sample. In respect to Gross Beta, it is recommended that this parameter be dropped.

REFERENCES

Baker, Bryan, "Ground Water Guidance Concentrations", Florida Department of Environmental Protection, June, 1994.

Markey, Richard M., "Proposed Groundwater Monitoring Plan, Gulf Power Company, Scholz Electric Generating Plant, Sneads, Florida, ViroGroup, Inc., July 15, 1993.



Department of Environmental Protection

RECEIVED

FEB 20 1995

FUEL SUPPLY

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

FEB 17 1995

Mr. M. L. Gilcrist
Gulf Power Company
Post Office Box 1151
Pensacola, Florida 32520

Dear Mr. Gilcrist:

In response to Gulf Power's letter of September 30, 1994 and application for extension of permit for Scholz Electric Generating Plant, the Industrial Wastewater Permit No. I032-189371 is modified as follows:

Change:

The expiration date is changed to March 15, 1998.

Delete:

Specific conditions 21 through 27, which are being replaced by specific conditions 32 through 39.

Add:

32. The allowable horizontal zone of discharge into ground water for this plant shall be to the property lines or mean high water line. The vertical zone of discharge shall be from the land surface to the top of the Floridan Aquifer. Within this defined zone of discharge, the minimum criteria for ground water listed in F.A.C. Rule 62-520.400 shall apply. The standard for Class G-II ground water listed in F.A.C. Rule 62-520.420 must be met at and beyond the boundary set forth above for the zone of discharge.

33. The Groundwater Monitoring Plan for the facility shall consist of the following wells:

Floridan Aquifer Monitoring Wells

<u>Well No.</u>	<u>Designation</u>	<u>Test Site Number</u>
WSW-2	Compliance	1032A11454
MW-203MD	Compliance	1032A13165
MW-204MD	Compliance	1032A13166
MW-205MD	Background	1032A13167
MW-210MD	Compliance	1032A13168
MW-212MD	Compliance	1032A13169

Surficial Aquifer Monitoring Wells

<u>Well No.</u>	<u>Designation</u>	<u>Test Site Number</u>
MW-203S	Compliance	1032A13170
MW-204S	Intermediate	1032A13171
MW-205S	Background	1032A13172
MW-210S	Intermediate	1032A13173

The Surficial Aquifer monitoring wells shall be routinely sampled depending on water availability. Lack of water in Surficial wells during routine sampling shall not constitute a violation of this permit.

The following wells should be sampled for water elevations only:

Floridan Aquifer Monitoring Wells

<u>Well No.</u>	<u>Designation</u>	<u>Test Site Number</u>
MW-103	Water Elev.	1032A11455
MW-105	Water Elev.	1032A11457
MW-110A	Water Elev.	1032A11458
MW-112	Water Elev.	1032A11459

34. Samples for all ground water monitoring wells shall be taken, analyzed and the results submitted to the Northwest District Office on the Department Form 62-522.900(2). Samples shall be taken and analyzed quarterly in October, January, April and July and results submitted with the facility's next Monthly Operation Report. Samples shall be analyzed for the following:

<u>Parameters</u>	<u>Unit</u>
Water Level (field)	FT. NGVD
pH (field)	Std. Units
Specific Conductivity (field)	Umho/cm
Turbidity (field)	NTU
Aluminum	mg/l
Cadmium	mg/l
Chloride	mg/l
Chromium	mg/l
Iron	mg/l
Lead	mg/l
Manganese	mg/l
Mercury	mg/l
Nickel	mg/l
Selenium	mg/l
Sulfate	mg/l
Gross Alpha	p Ci/l
Gross Beta	p Ci/l
TDS	mg/l

Water levels shall be recorded prior to evacuating wells or sample collection. Elevation referenced shall include the top of the wall casing and land surface at each well site (NGVD) at a precision of plus or minus 0.1 foot.

35. A purging record for each well shall be maintained. This record (log) shall be made available to Department personnel upon request. This record (log) shall include: water level; total depth of the well; volume of water in the well; volume of water removed; stabilization documentation including pH, conductivity, and temperature; time of purging; time sample is taken; and devices used for purging (including discharge rate) and sampling. An acceptable record form (AP1) is attached.

36. In the event that the ground water shows a violation of the applicable quality standards, the permittee shall arrange for a confirmation resampling within 15 days after receipt of laboratory results. In the event that the permittee chooses not to conduct the reconfirmation sampling, the Department shall consider the initial analysis to be representative of the current water quality conditions at this facility. If this resampling and additional radionuclide testing confirm ground water contamination, the permittee shall arrange for a meeting with the District within 15 days and shall be prepared to discuss at this meeting a corrective action plan as set forth in F.A.C. Rule 62-522.700. In the event a ground water sample analysis results in a gross alpha above 5 p Ci/l, the radium 226 level shall be determined on the original sample. If the radium 226 level is above 3 p Ci/l, radium 228 shall be determined on the original sample.

37. Existing wells not used in the approved monitoring network for collection of samples or water elevation data shall be properly abandoned in accordance with Rule 62-532.500(4), F.A.C. Appropriate well abandonment permits shall be obtained from the Northwest Florida Water Management District.

38. All water quality monitoring required by this permit shall be in accordance with Rules 62-520.300 and 62-4.246, F.A.C. and shall be carried out under a Department approved Comprehensive Quality Assurance Plan in accordance with Rule 62-160, F.A.C.. Requirements for these plans may be obtained from the Quality Assurance Section, (904) 488-2796. The permittee shall provide to the Northwest District Office, within 90 days after receipt of this permit, name(s) and telephone number(s) of companies used for field and laboratory services and the date of approval of the Comprehensive Quality Assurance Plan. The Department shall receive written notification of any change in field or laboratory service suppliers prior to sample collection.

39. With permit renewal application a written technical report shall be prepared and submitted to the Department which summarizes and interprets the water quality data and water levels from permit issuance to present. The report shall be submitted by a qualified professional and shall contain the following items at a minimum:

A. Tables and graphs of ground water quality data, including hydrographs, for all monitoring wells. Rainfall data should be included with the hydrographs.

B. A comparison of water quality results between upgradient wells and downgradient wells (intermediate and compliance).

C. A summary of all violations of applicable water standards.

D. Ground water contour maps for each sampling event.

E. A discussion of any data that is thought to be inconsistent or suspect.

F. A summary of the physical condition of the monitoring system. This should be based on visual observation and sampling records.

This letter shall be attached to and become part of the permit number IO37-241453.

A person whose substantial interests are affected by this action may petition for an administrative proceeding (hearing), in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within twenty-one (21) days of receipt of this notice.

Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information:

- (a) The name, address and telephone number of each petitioner, the applicant's name and address and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the applicant having the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within twenty-one (21) days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right any such person has to request a hearing under Section 120.57, Florida Statutes and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

This action is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within

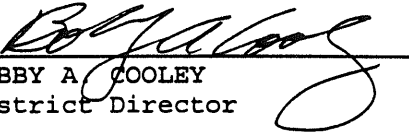
Mr. M. L. Gilcrist
Page Five

the time specified for filing a petition and conforms to Rule 17-103.070, Florida Administrative Code. Upon timely filing a petition or a request for an extension of time, this agency action will not be effective until further Order of the Department.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of the Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, FL 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within thirty (30) days from the date the Final Order is filed with the Clerk of the Department.

Executed in Pensacola, Florida

State of Florida Department
of Environmental Protection

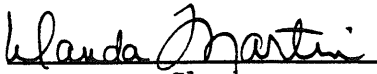

BOBBY A. COOLEY
District Director

160 Governmental Center
Pensacola, Florida 32501-5794
(904) 444-8300

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this notice of permit and all copies were mailed before the close of business on FEB 17 1995 to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to §120.52(9), Florida Statutes, with the designated Department clerk, receipt of which is hereby acknowledged.


Clerk

FEB 17 1995
Date

Copy furnished to:
Toni Touart-Rohlke

Florida Department of Environmental Regulation

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

DER Form # 17-522.600(2)
Form Title <u>GROUND WATER MONITORING</u> <u>REPORT</u>
Effective Date _____
DER Application No. _____

GROUND WATER MONITORING REPORT

Rule 17-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name _____
Address _____
City _____ Zip _____
Telephone Number (____) _____
- (2) The GMS Identification Number _____
- (3) DER Permit Number _____
- (4) Authorized Representative Name _____
Address _____
City _____ Zip _____
Telephone Number (____) _____
- (5) Type of Discharge _____
- (6) Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: _____ Signature of Owner or Authorized Representative _____

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP #/HRS Certification # _____

*Comp QAP #/HRS Certification # _____

Lab Name _____

Address _____

Phone Number (____) _____

MONITORING WELL
SAMPLING FIELD DATA

Site Name (from permit) _____ Site GMS# (from permit) _____

Well "Name" (from permit) _____ Well Test site # (from permit) _____

Does well appear to be damaged in any way? ☐ Yes ☐ No

If yes, explain _____

Distance from top of casing to top of water (feet) (0.01 precision) _____

Distance from top of casing to bottom of well (feet) _____

Length of water column (feet) _____ Diameter of well casing (inches) _____

Volume of water column in well (gallons) _____

Top of casing elevation (feet NGVD) _____

Water level elevation (feet NGVD) _____

PURGING DEVICE

Pump

Bailer

Other

Type _____ Bailer volume _____ (gallons) Narrative Description Required

Rate _____ # of Bailers Removed _____

*Three to five well volumes must be purged prior to sample collection.

Purge Time Start _____ End _____ Volume Purged (gallons) _____

Log of Field Measurements taken Prior to Sample Collection

*Field measurements must be stabilized over at least three consecutive readings.

Time	_____	_____	_____	_____	_____	_____
Volume removed (gals)	_____	_____	_____	_____	_____	_____
pH	_____	_____	_____	_____	_____	_____
Temp. (°C)	_____	_____	_____	_____	_____	_____
Sp. Cond. (unho/cm)	_____	_____	_____	_____	_____	_____
Eh Redox (mv)	_____	_____	_____	_____	_____	_____
Appearance	_____					

Sample Device _____ Composition of Device _____

Sample Date _____ Sample Time _____

Sample Collected by _____ of _____

Laboratory Analyses by _____

NGVD - National Geodetic Vertical Datum

SCHOLZ PLANT GROUNDWATER MONITORING PLAN
TABLE 1 (SUMMARY OF ANALYTICAL RESULTS)

Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level
MW-203S	08-03-94	<0.0050	<0.010	18	37	3.1	21	NS	6.5	2.3	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	4.7
MW-203S	11-07-94	<0.0050	0.083	11	94	4	27	NS	6.5	49	0.028	0.032	<0.00020	0.0027	10.5+/-2.4	2.9+/-0.15	NS	NS	450	NS	10.27
MW-203S	01-10-95	<0.0050	<0.010	5.3	27	2.9	29	NS	6.4	1.9	<0.020	<0.0050	<0.00020	<0.0020	3.4+/-1.6	NS	NS	NS	350	NS	10.04
MW-203S	04-26-95	<0.0050	0.016	6.8	70	3.4	23	240	6.4	12	<0.020	0.0080	<0.00020	<0.0020	2.7+/-2.0	NS	NS	3.8+/-3.0	430	110	10.29
MW-203S	07-26-95	<0.0050	0.048	15	84	3.2	20	230	6.8	19	0.027	0.011	<0.00020	<0.0020	<2.0	NS	NS	4.5+/-3.1	450	91	15.41
MW-203S	10-17-95	<0.0050	<0.010	11	38	3	28	220	6.5	5.7	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	500	240	14.51
MW-203S	01-11-96	<0.0050	0.016	6.5	54	4.2	38	290	6.8	9.4	<0.020	0.0067	<0.00020	<0.0020	3.6+/-5.1	NS	NS	4.3+/-3.3	490	290	10.2
MW-203S	04-11-96	<0.0050	0.011	10	54	3.1	14	260	6.4	2.6	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	480	330	5.62
MW-203S	7-24-96	<0.0050	0.14*	8.1	190	3	23	210	6.4	75	0.062	0.044*	0.0003	0.0037	4.0+/-4.1	NS	NS	4.6+/-2.8	430	780	15.5
MW-203S	9-04-96	NS	<0.0005	NS	NS	NS	NS	NS	NS	NS	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-203S	11-13-96	<0.0050	0.018	7.5	52	3.8	34	280	6.8	9.1	<0.020	0.006	<0.00020	<0.0020	<3.0	NS	NS	4.6+/-3.6	500	13	14.25
MW-203MD	08-03-94	<0.0050	<0.010	11	6.8	1	62	NS	7.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	10.71
MW-203MD	11-07-94	<0.0050	<0.010	6.7	1.8	0.96	59	NS	6.7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	2.4+/-1.5	NS	NS	NS	440	NS	15.03
MW-203MD	01-10-95	<0.0050	<0.010	5.6	2.7	0.73	46	NS	6.8	0.29	<0.020	<0.0050	<0.00020	<0.0020	2.3+/-1.5	NS	NS	NS	390	NS	12.57
MW-203MD	04-26-95	<0.0050	<0.010	7.4	7.8	1.2	55	270	6.6	0.36	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	450	47	14.9
MW-203MD	07-26-95	<0.0050	<0.010	5.8	9.7	0.58	36	230	6.7	2.6	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.9+/-3.3	390	63	18.76
MW-203MD	10-17-95	<0.0050	<0.010	6.9	1.8	0.76	45	250	6.9	1.4	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	380	41	16.65
MW-203MD	01-11-96	<0.0050	<0.010	6.8	6.2	0.85	33	250	6.9	0.74	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	370	57	11.89
MW-203MD	04-11-96	<0.0050	<0.010	7.2	10	1.1	58	300	6.8	1.8	<0.020	<0.0050	<0.00020	<0.0020	4.6+/-7.8	NS	NS	4.9+/-3.6	500	140	11.24
MW-203MD	7-24-96	<0.0050	<0.010	6.6	1.2	0.48	28	200	6.9	0.29	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	540	42	18.59
MW-203MD	11-13-96	<0.0050	<0.010	6.5	2.4	3.8	34	250	6.7	0.26	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	460	2.1	18.12
MW-204S	08-03-94	<0.0050	<0.010	11	10	1.2	100	NS	6.9	3.7	<0.020	<0.0050	<0.00020	<0.0020	2.2+/-3.2	NS	NS	NS	550	NS	9.21
MW-204S	11-07-94	<0.0050	<0.010	12	9.7	1.5	120	NS	6.4	0.79	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	550	NS	9.93
MW-204S	01-10-95	<0.0050	<0.010	12	13	1.4	120	NS	6.5	7.4	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	9.59
MW-204S	04-26-95	<0.0050	<0.010	11	10	1.2	110	370	6.5	3.5	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	6.0+/-3.0	490	72	9.72
MW-204S	07-26-95	<0.0050	<0.010	8.8	11	1.4	120	380	7.3	0.86	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	8.6+/-4.3	380	20	9.71
MW-204S	10-17-95	<0.0050	0.011	14	16	1.5	130	390	6.5	6.7	<0.020	0.0068	<0.00020	<0.0020	5.2+/-6.7	0.76+/-0.07	NS	6.6+/-3.7	600	170	9.52
MW-204S	01-11-96	<0.0050	<0.010	13	8.2	1.3	140	390	6.6	0.51	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.7+/-3.7	550	22	9.09
MW-204S	04-11-96	<0.0050	<0.010	10	9.4	1.2	110	350	6.4	2.9	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	4.0+/-3.2	600	88	9.3
MW-204S	07-24-96	<0.0050	<0.010	12	9	1.5	120	360	6.5	0.52	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	700	11	9.91
MW-204S	11-13-96	<0.0050	<0.010	13	8	1.4	120	370	6.4	0.81	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	6.0+/-3.9	580	18	9.8

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* = Confirmation Sampling Event Conducted. Result Not Confirmed.

TABLE 1 (CONT.)
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Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft
MW-204MD	08-03-94	<0.0050	<0.010	5	0.1	0.039	5.3	NS	8.3	0.12	<0.020	<0.0050	<0.00020	<0.0020	2.4+/-0.8	NS	NS	NS	260	NS	54.3
MW-204MD	11-07-94	<0.0050	<0.010	8.1	0.057	0.026	2.7	NS	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	240	NS	58.35
MW-204MD	01-10-95	<0.0050	<0.010	4.1	0.7	0.037	8.8	NS	8.1	1.5	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	240	NS	56.58
MW-204MD	04-26-95	<0.0050	<0.010	4.5	0.42	0.031	7.8	140	8.1	0.8	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	4.0+/-2.0	260	11	58.33
MW-204MD	07-26-95	<0.0050	<0.010	3.7	0.14	0.018	4.3	150	6.5	0.26	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	600	20	60.99
MW-204MD	10-17-95	<0.0050	<0.010	5.5	1.7	0.055	6	140	8	3.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	240	49	59.81
MW-204MD	01-11-96	<0.0050	0.011	5.9	2	0.072	7.6	160	6.9	3.7	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	220	44	56.26
MW-204MD	04-11-96	<0.0050	<0.010	4.9	0.17	<0.010	6	150	7.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	250	11	55.44
MW-204MD	07-24-96	<0.0050	<0.010	7.4	1.1	0.049	4.7	140	8	1.8	0.021	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	270	27	60.83
MW-204MD	11-13-96	<0.0050	<0.010	5.3	0.3	<0.010	4.9	140	8	0.5	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	250	17	61.32
MW-205S	08-03-94	<0.0050	<0.010	4.3	0.31	<0.010	3.5	NS	5.4	0.12	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	25	NS	5.8
MW-205S	11-07-94	<0.0050	<0.010	6.6	0.26	<0.010	<1.0	NS	5.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	40	NS	9.61
MW-205S	01-10-95	<0.0050	<0.010	4.7	0.53	0.01	1.4	NS	5.7	0.24	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	30	NS	12.58
MW-205S	04-26-95	<0.0050	<0.010	5.1	0.62	0.01	3.3	24	5.3	0.24	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	30	9.3	11.5
MW-205S	07-26-95	<0.0050	<0.010	4.3	1.3	0.015	<1.0	34	6	0.54	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	40	17	15.65
MW-205S	10-17-95	<0.0050	<0.010	5.5	3.9	0.029	3.9	24	5.5	1.6	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	40	28	17.18
MW-205S	01-11-96	<0.0050	<0.010	5.9	5.1	0.043	3.1	36	5.3	2.2	<0.020	0.0057	<0.00020	<0.0020	<3.0	NS	NS	<4.0	30	21	15.85
MW-205S	04-11-96	<0.0050	<0.010	4.9	0.41	<0.010	1	29	5.9	0.15	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	62	4.9	8.68
MW-205S	07-24-96	<0.0050	<0.010	5.7	0.36	<0.010	<1.0	21	5.7	0.16	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	40	3.2	16.91
MW-205S	11-13-96	<0.0050	<0.010	5.1	0.2	<0.010	1.8	12	5.8	0.01	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	34	4.2	15.52
MW-205MD	08-03-94	<0.0050	<0.010	4.1	0.051	<0.010	1.8	NS	8.3	0.1	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	220	NS	75.82
MW-205MD	11-07-94	<0.0050	<0.010	4.3	0.29	0.013	1.9	NS	8.7	0.66	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	190	NS	78.27
MW-205MD	01-10-95	<0.0050	<0.010	3.7	0.13	<0.010	1.6	NS	8.4	0.26	<0.020	<0.0050	<0.00020	<0.0020	2.3+/-1.2	NS	NS	NS	200	NS	78.78
MW-205MD	04-26-95	<0.0050	<0.010	4.5	0.4	0.018	<1.0	110	8.8	0.26	<0.020	<0.0050	<0.00020	<0.0020	3.2+/-1.2	NS	NS	<2.0	220	100	79.39
MW-205MD	07-26-95	<0.0050	<0.010	2.9	0.046	<0.010	<1.0	110	8.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.2+/-1.8	210	3	82.05
MW-205MD	10-17-95	<0.0050	<0.010	4.1	0.15	<0.010	2.7	120	8.4	0.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	29	82.21
MW-205MD	01-11-96	<0.0050	0.015	3.8	0.43	0.025	1.8	130	8.2	0.72	<0.0020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	170	30	80.21
MW-205MD	04-11-96	<0.0050	<0.010	3.9	0.064	<0.010	1	120	8.9	0.12	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	210	16	76.65
MW-205MD	07-24-96	<0.0050	<0.010	4.8	0.051	<0.010	1.8	120	8.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	3.9	82.7
MW-205MD	11-13-96	<0.0050	0.026	4.3	0.23	<0.010	2.7	120	8.6	0.14	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	280	18	82.93

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TABLE 1 (CONT.)
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Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.	
MW-210S	08-03-94	<0.0050	<0.010	6.7	0.94	0.43	90	NS	7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	750	NS	9.1	
MW-210S	11-07-94	<0.0050	<0.010	12	1.9	1	230	NS	7.1	<0.10	<0.020	<0.0050	<0.00020	<0.0020	7.8+/-4.6	0.63+/-0.9	NS	NS	900	NS	10.15	
MW-210S	01-10-95	<0.0050	<0.010	13	1.5	1.9	260	NS	7.1	0.26	<0.020	<0.0050	<0.00020	<0.0020	6.7+/-3.8	0.6	NS	NS	850	NS	10.17	
MW-210S	04-26-95	<0.0050	<0.010	8.3	1.4	1.7	160	520	7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	10+/-5.5	680	3.3	9.57	
MW-210S	07-26-95	<0.0050	<0.010	15	2.9	2.2	300	760	6.7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	3.9+/-7.0	1000	7.7	9.36	
MW-210S	10-17-95	<0.0050	<0.010	13	0.94	2.1	260	670	6.8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.7+/-5.4	700	7.8	9.43	
MW-210S	01-11-96	<0.0050	<0.010	9.7	0.49	1.5	210	790	6.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.6+/-6.2	620	9.2	10.63	
MW-210S	04-11-96	<0.0050	<0.010	9.5	0.8	1	210	700	7	0.012	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	7.8+/-6.0	1100	10	10.15	
MW-210S	9-04-96	<0.0050	<0.010	6.9	1	0.69	80	520	6.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	5.8+/-5.5	870	30.4	9.12	
MW-210S	11-13-96	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
MW-210MD	08-03-94	<0.0050	<0.010	26	67	1.7	1100	NS	6.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	1900	NS	42.52	
MW-210MD	11-07-94	<0.0050	<0.010	25	74	1.7	1200	NS	6.3	<0.10	0.17	<0.0050	<0.00020	<0.0020	5.0+/-9.6	<0.6	NS	NS	<0.6	2000	NS	46.15
MW-210MD	01-10-95	<0.0050	<0.010	27	71	1.7	1200	NS	6.3	<0.10	0.18	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	2000	NS	44.12	
MW-210MD	04-26-95	<0.0050	<0.010	23	63	1.5	1000	1700	6.3	0.14	0.14	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	14+/-12	1700	29	46.66	
MW-210MD	07-26-95	<0.0050	<0.010	27	87	2.1	1500	2400	6.3	<0.10	0.21	<0.0050	<0.00020	<0.0020	16+/-13	<0.6	NS	NS	62+/-21	2200	7.4	49.71
MW-210MD	9-13-95	NS	NS	NS	NS	NS	NS	NS	7.3	NS	NS	NS	NS	NS	<3.0	NS	NS	<4.0	2000	NS	45.65	
MW-210MD	10-17-95	<0.0050	<0.010	17	39	1.1	810	1300	6.4	0.2	0.11	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1400	21	48.08	
MW-210MD	01-11-96	<0.0050	<0.010	17	36	1.1	830	1400	6.4	<0.10	0.082	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1400	30	46.01	
MW-210MD	04-11-96	<0.0050	<0.010	13	23	0.7	580	980	6.5	<0.10	0.087	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1200	9.5	43.18	
MW-210MD	07-24-96	<0.0050	<0.010	23	57	1.5	1100	1600	6.5	<0.10	0.14	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	2100	10	49.57	
MW-210MD	11-13-96	<0.0050	<0.010	28	94	2	1500	2000	6.1	<0.10	0.17	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	2400	0.55	49.62	
MW-212MD	08-03-94	<0.0050	<0.010	7.3	0.11	<0.010	51	NS	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	380	NS	20.4	
MW-212MD	11-07-94	<0.0050	<0.010	6.6	0.25	0.012	51	NS	7.5	0.47	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	390	NS	25.46	
MW-212MD	01-10-95	<0.0050	<0.010	6.4	0.51	0.022	0.56	NS	7.4	1	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	380	NS	23.42	
MW-212MD	04-26-95	<0.0050	<0.010	7.4	0.76	0.034	47	280	7.4	0.78	<0.020	<0.0050	<0.00020	<0.0020	6.2+/-1.4	<0.6	NS	NS	<2.0	400	29	25.47
MW-212MD	07-26-95	<0.0050	<0.010	6.5	0.12	<0.010	33	220	7.9	0.15	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	340	4.9	28.07	
MW-212MD	10-17-95	<0.0050	0.018	7.9	4.5	0.12	45	230	7.5	7.4	<0.020	0.0063	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	300	27.17	
MW-212MD	01-11-96	<0.0050	<0.010	6.4	0.23	0.014	41	250	7.6	0.37	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	4.4	23.26	
MW-212MD	04-11-96	<0.0050	<0.010	7.1	0.52	0.027	48	270	7.2	0.8	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	430	31	22.2	
MW-212MD	07-24-96	<0.0050	<0.010	6.8	0.59	0.041	29	200	7.8	0.9	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	360	28	28.48	
MW-212MD	11-13-96	<0.0050	<0.010	6.4	0.057	<0.010	31	230	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	7.8	28.4	

TABLE 1 (CONT.)
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Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
WSW-2	08-03-94	<0.0050	<0.010	36	0.05	<0.010	14	NS	7.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	320	NS	NA
WSW-2	11-07-94	<0.0050	<0.010	21	<0.030	<0.010	13	NS	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	01-10-95	<0.0050	<0.010	22	0.036	<0.010	15	NS	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	04-26-95	<0.0050	<0.010	17	<0.030	<0.010	15	160	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	0.11	NA
WSW-2	07-26-95	<0.0050	<0.010	19	<0.030	<0.010	2.7	160	8.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.6+-1.9	350	1.1	NA
WSW-2	10-17-95	<0.0050	<0.010	19	0.038	<0.010	11	170	7.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	300	0.93	NA
WSW-2	01-11-96	<0.0050	<0.010	25	<0.030	<0.010	2.3	180	8.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	260	1.1	NA
WSW-2	04-11-96	<0.0050	<0.010	18	<0.030	<0.010	12	170	7.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	1.6	NA
WSW-2	07-24-96	<0.0050	<0.010	29	<0.030	<0.010	2.7	170	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	320	1.7	NA
WSW-2	11-13-96	<0.0050	<0.010	21	<0.030	<0.010	7.2	170	7.8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	360	1.1	NA

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NA = Not Available

NS = Not Sampled

TABLE 2
WATER LEVEL
SUMMARY

TABLE 2
WATER LEVEL SUMMARY

		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Monitor	TOC	Elevation	Elevation	Elevation	Elevation	Elevation	Elevation	Elevation	Elevation	Elevation	Elevation
Well	Elevation	8-03-94	11-07-94	1-10-95	4-26-95	7-26-95	10-17-95	1-11-96	4-11-96	7-24-96	11-13-96
MW-203S	62.78	58.08	52.51	52.74	52.49	47.37	48.27	52.58	57.16	47.28	48.53
MW-203MD	63.13	52.42	48.1	50.56	48.23	44.37	46.48	51.24	51.89	44.54	45.01
MW-204S	107.89	98.68	97.96	98.3	98.17	98.18	98.37	98.8	98.59	97.98	98.09
MW-204MD	108.01	53.71	49.66	51.43	49.68	47.02	48.2	51.75	52.57	47.18	46.69
MW-205S	134.25	128.45	124.64	121.77	122.75	118.57	117.07	118.4	125.67	117.34	118.73
MW-205MD	135.06	59.24	56.79	56.28	55.67	53.01	52.85	54.85	58.41	52.36	52.13
MW-210S	93.5	84.4	83.35	83.33	83.93	84.14	84.07	82.87	83.35	82.61	82.38
MW-210MD	94.42	51.9	48.27	50.3	47.76	44.71	46.34	48.41	50.61	44.85	44.8
MW-212MD	75.08	54.6	49.54	51.58	49.53	47.01	47.83	51.74	52.8	46.89	46.6
WSW-2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PZ-103	60.16	NR	NR	NR	48.43	44.82	46.53	14.24?	51.93	44.63	45.18
PZ-105	134.18	NR	NR	NR	56.63	53.2	53.02	116.98?	57.53	52.49	52.25
PZ-110A	93.25	NR	NR	NR	85.52?	43.69	45.67	57.5	50.72	43.75	44.31
PZ-112	91.76	NR	NR	NR	67.44	64.57	65.41	56.12	52.68	46.32	46.14

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? = Suspect

NR=Not Recorded

N/A = Not Available

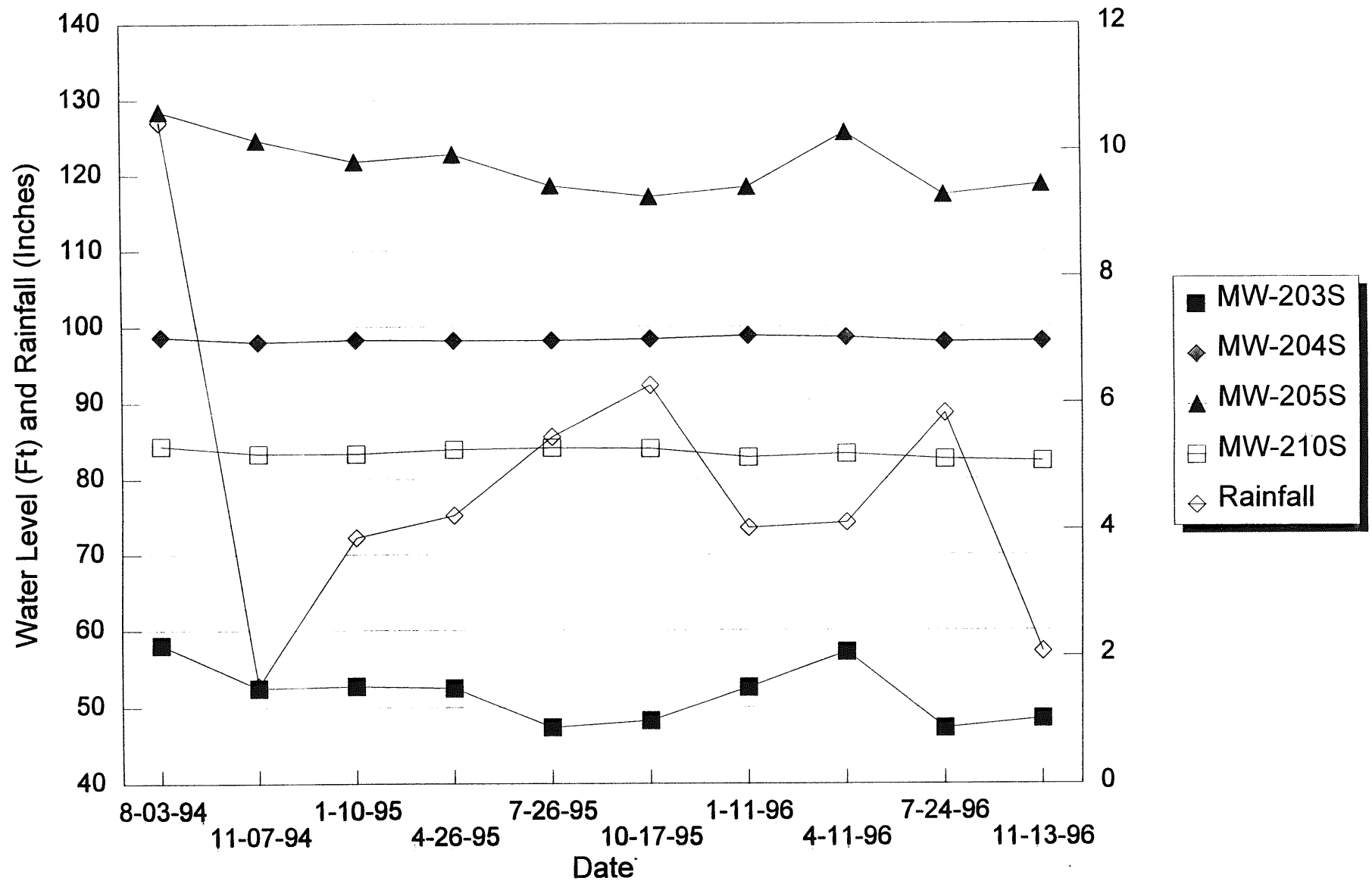
TABLE 3
PLANT SCHOLZ
RAINFALL SUMMARY

Month	1991	1992	1993	1994	1995	1996
Recorded	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall	Rainfall
	Inches	Inches	Inches	Inches	Inches	Inches
January	15.63	8.07	8.49	8.33	3.87	4.03
February	0.81	6.57	3.88	3.21	4.19	4.24
March	12.03	5.74	9.05	8.95	4.55	9.72
April	5.74	2.43	1.02	7.24	4.23	4.11
May	9.68	1.86	0.28	2.39	7.4	1.82
June	7.36	8.03	2.91	9.67	7.23	2.2
July	8.7	5.91	6.83	11.3	5.47	5.84
August	5.61	7.94	4.99	10.44	5.48	8.7
September	0.91	2.58	3.1	4.84	1.68	6.38
October	0.56	1.95	2.57	14.91	6.27	4.74
November	1.41	11.11	4.74	1.53	3.86	2.07
December	3.06	2.11	3.06	4.48	2.61	3.85
Total	71.5	64.3	50.92	87.29	56.84	57.7
Monthly Ave	5.96	5.36	4.24	7.27	4.74	4.81

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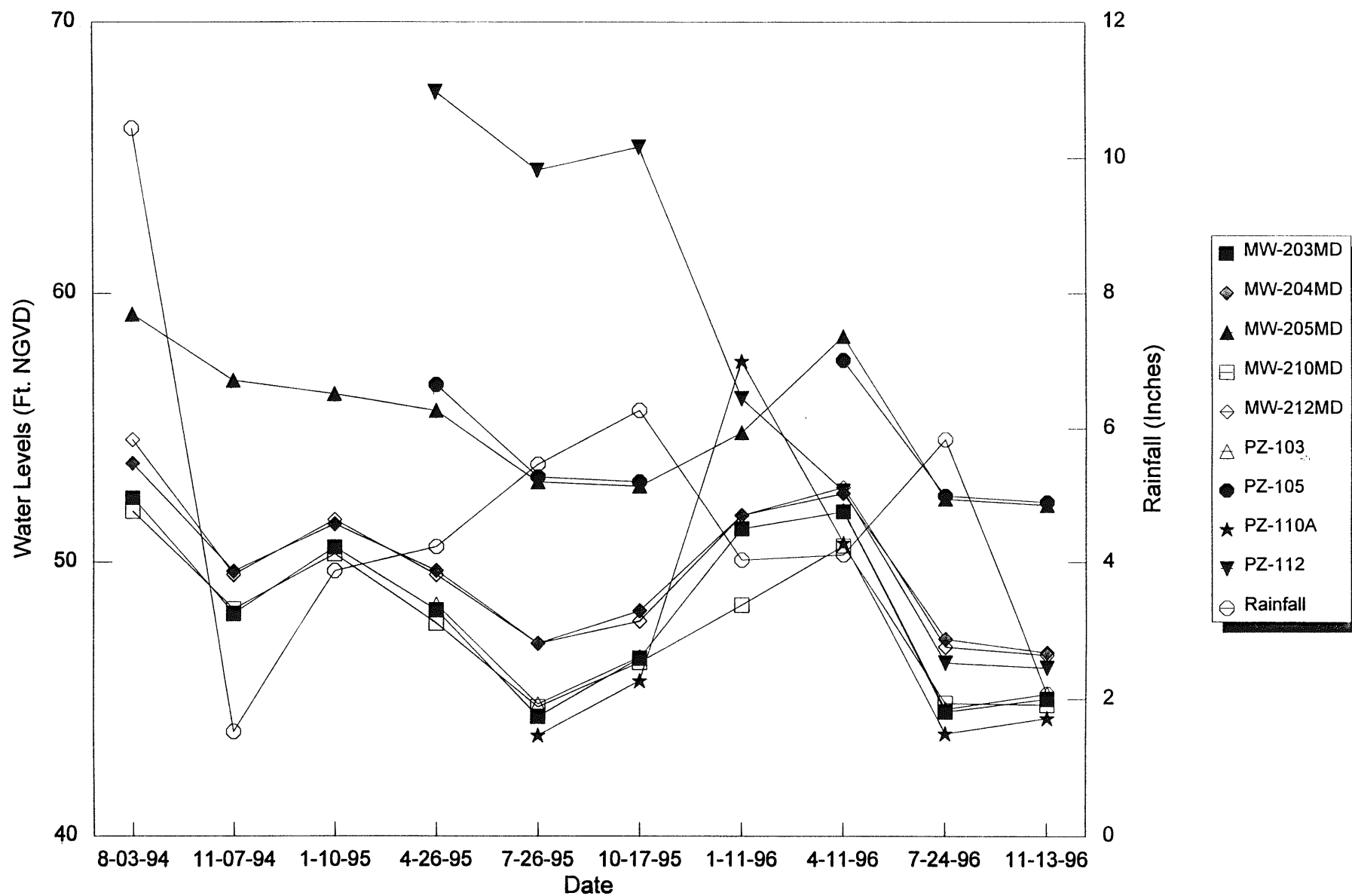
Plant Scholz - Surficial Aquifer

Water Levels and Rainfall Data



Plant Scholz - Floridan Aquifer

Water Levels and Rainfall Data Over Time



SCHOLZ PLANT GROUNDWATER MONITORING PLAN

TABLE 4 - COMPARISON OF BACKGROUND WITH DOWNGRADIENT WELLS

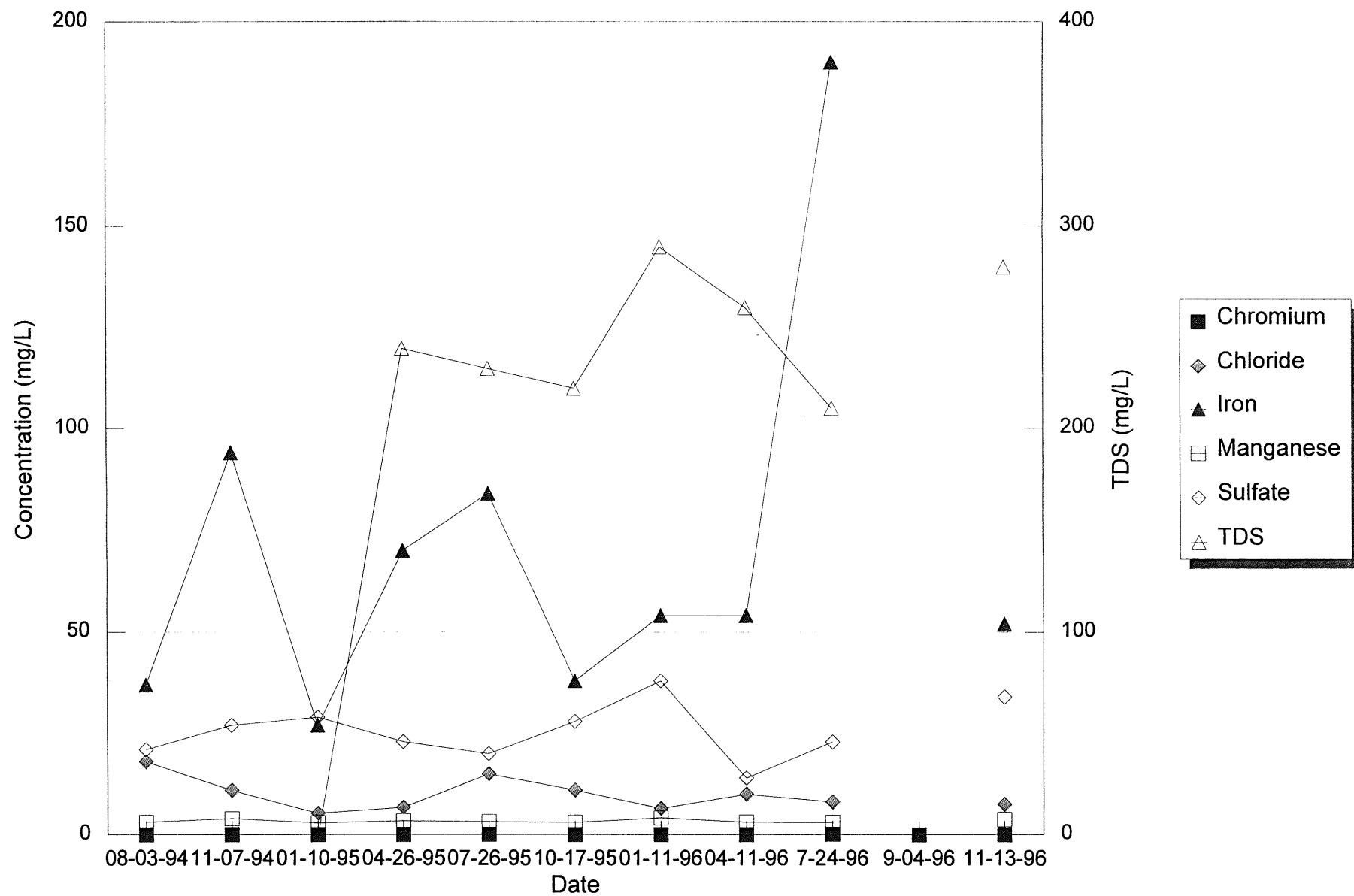
Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/L	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
MW-205MD	08-03-94	<0.0050	<0.010	4.1	0.051	<0.010	1.8	NS	8.3	0.1	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	220	NS	75.82
MW-205MD	11-07-94	<0.0050	<0.010	4.3	0.29	0.013	1.9	NS	8.7	0.66	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	190	NS	78.27
MW-205MD	01-10-95	<0.0050	<0.010	3.7	0.13	<0.010	1.6	NS	8.4	0.26	<0.020	<0.0050	<0.00020	<0.0020	2.3+/-1.2	NS	NS	NS	200	NS	78.78
MW-205MD	04-26-95	<0.0050	<0.010	4.5	0.4	0.018	<1.0	110	8.8	0.26	<0.020	<0.0050	<0.00020	<0.0020	3.2+/-1.2	NS	NS	<2.0	220	100	79.39
MW-205MD	07-26-95	<0.0050	<0.010	2.9	0.046	<0.010	<1.0	110	8.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.2+/-1.8	210	3	82.05
MW-205MD	10-17-95	<0.0050	<0.010	4.1	0.15	<0.010	2.7	120	8.4	0.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	29	82.21
MW-205MD	01-11-96	<0.0050	0.015	3.8	0.43	0.025	1.8	130	8.2	0.72	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	170	30	80.21
MW-205MD	04-11-96	<0.0050	<0.010	3.9	0.064	<0.010	1	120	8.9	0.12	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	210	16	76.65
MW-205MD	07-24-96	<0.0050	<0.010	4.8	0.051	<0.010	1.8	120	8.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	200	3.9	82.7
MW-205MD	11-13-96	<0.0050	0.026	4.3	0.23	<0.010	2.7	120	8.6	0.14	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	280	18	82.93
MW-203MD	08-03-94	<0.0050	<0.010	11	6.6	1	62	NS	7.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	10.71
MW-203MD	11-07-94	<0.0050	<0.010	6.7	1.8	0.96	59	NS	6.7	<0.10	<0.020	<0.0050	<0.00020	<0.0020	2.4+/-1.5	NS	NS	NS	440	NS	15.03
MW-203MD	01-10-95	<0.0050	<0.010	5.6	2.7	0.73	46	NS	6.8	0.29	<0.020	<0.0050	<0.00020	<0.0020	2.3+/-1.5	NS	NS	NS	390	NS	12.57
MW-203MD	04-26-95	<0.0050	<0.010	7.4	7.8	1.2	55	270	6.6	0.36	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	450	47	14.9
MW-203MD	07-26-95	<0.0050	<0.010	5.8	9.7	0.58	36	230	6.7	2.6	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	2.9+/-3.3	390	63	18.76
MW-203MD	10-17-95	<0.0050	<0.010	6.9	1.8	0.76	45	250	6.9	1.4	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	380	41	16.65
MW-203MD	01-11-96	<0.0050	<0.010	6.8	6.2	0.85	33	250	6.9	0.74	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	370	57	11.89
MW-203MD	04-11-96	<0.0050	<0.010	7.2	10	1.1	58	300	6.6	1.8	<0.020	<0.0050	<0.00020	<0.0020	4.6+/-7.8	NS	NS	4.9+/-3.6	500	140	11.24
MW-203MD	7-24-96	<0.0050	<0.010	6.6	1.2	0.48	28	200	6.9	0.29	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	540	42	18.59
MW-203MD	11-13-96	<0.0050	<0.010	6.5	2.4	3.8	34	250	6.7	0.26	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	460	2.1	18.12
MW-204MD	08-03-94	<0.0050	<0.010	5	0.1	0.039	5.3	NS	8.3	0.12	<0.020	<0.0050	<0.00020	<0.0020	2.4+/-0.8	NS	NS	NS	260	NS	54.3
MW-204MD	11-07-94	<0.0050	<0.010	8.1	0.057	0.026	2.7	NS	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	240	NS	58.35
MW-204MD	01-10-95	<0.0050	<0.010	4.1	0.7	0.037	8.8	NS	8.1	1.5	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	240	NS	56.58
MW-204MD	04-26-95	<0.0050	<0.010	4.5	0.42	0.031	7.8	140	8.1	0.8	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	4.0+/-2.0	260	11	58.33
MW-204MD	07-26-95	<0.0050	<0.010	3.7	0.14	0.018	4.3	150	6.5	0.26	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	600	20	60.99
MW-204MD	10-17-95	<0.0050	<0.010	5.5	1.7	0.055	6	140	8	3.2	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	240	49	59.81
MW-204MD	01-11-96	<0.0050	0.011	5.9	2	0.072	7.6	160	6.9	3.7	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	220	44	56.26
MW-204MD	04-11-96	<0.0050	<0.010	4.9	0.17	<0.010	6	150	7.2	0.33	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	250	11	55.44
MW-204MD	07-24-96	<0.0050	<0.010	7.4	1.1	0.049	4.7	140	8	1.8	0.021	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	270	27	60.83
MW-204MD	11-13-96	<0.0050	<0.010	5.3	0.3	<0.010	4.9	140	8	0.5	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	250	17	61.32
MW-210MD	08-03-94	<0.0050	<0.010	26	67	1.7	1100	NS	6.4	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	1900	NS	42.52
MW-210MD	11-07-94	<0.0050	<0.010	25	74	1.7	1200	NS	6.3	<0.10	0.17	<0.0050	<0.00020	<0.0020	5.0+/-9.6	<0.6	NS	<0.6	2000	NS	46.15
MW-210MD	01-10-95	<0.0050	<0.010	27	71	1.7	1200	NS	6.3	<0.10	0.18	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	2000	NS	44.12
MW-210MD	04-26-95	<0.0050	<0.010	23	63	1.5	1000	1700	6.3	0.14	0.14	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	14+/-12	1700	29	46.66
MW-210MD	07-26-95	<0.0050	<0.010	27	87	2.1	1500	2400	6.3	<0.10	0.21	<0.0050	<0.00020	<0.0020	16+/-13	<0.6	NS	62+/-21	2200	7.4	49.71
MW-210MD	9-13-95	NS	NS	NS	NS	NS	NS	NS	7.3	NS	NS	NS	NS	NS	<3.0	NS	NS	<4.0	2000	NS	45.65
MW-210MD	10-17-95	<0.0050	<0.010	17	39	1.1	810	1300	6.4	0.2	0.11	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1400	21	48.08
MW-210MD	01-11-96	<0.0050	<0.010	17	36	1.1	830	1400	6.4	<0.10	0.082	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1400	30	46.01
MW-210MD	04-11-96	<0.0050	<0.010	13	23	0.7	580	980	6.5	<0.10	0.087	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	1200	9.5	43.18
MW-210MD	07-24-96	<0.0050	<0.010	23	57	1.5	1100	1600	6.5	<0.10	0.14	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	2100	10	49.57
MW-210MD	11-13-96	<0.0050	<0.010	28	94	2	1500	2000	6.1	<0.10	0.17	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	2400	0.55	49.62
MW-212MD	08-03-94	<0.0050	<0.010	7.3	0.11	<0.010	51	NS	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	380	NS	20.4
MW-212MD	11-07-94	<0.0050	<0.010	6.6	0.25	0.012	51	NS	7.5	0.47	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	390	NS	25.46
MW-212MD	01-10-95	<0.0050	<0.010	6.4	0.51	0.022	0.56	NS	7.4	1	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	380	NS	23.42
MW-212MD	04-26-95	<0.0050	<0.010	7.4	0.76	0.034	47	280	7.4	0.78	<0.020	<0.0050	<0.00020	<0.0020	6.2+/-1.4	<0.6	NS	<2.0	400	29	25.47
MW-212MD	07-26-95	<0.0050	<0.010	6.5	0.12	<0.010	33	220	7.9	0.15	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	340	4.9	28.07
MW-212MD	10-17-95	<0.0050	0.018	7.9	4.5	0.12	45	230	7.5	7.4	<0.020	0.0063	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	300	27.17
MW-212MD	01-11-96	<0.0050	<0.010	6.4	0.23	0.014	41	250	7.6	0.37	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	4.4	23.26
MW-212MD	04-11-96	<0.0050	<0.010	7.1	0.52	0.027	48	270	7.2	0.8	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	430	31	22.2
MW-212MD	07-24-96	<0.0050	<0.010	6.8	0.59	0.041	29	200	7.8	0.9	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	360	28	28.48
MW-212MD	11-13-96	<0.0050	<0.010	6.4	0.057	<0.010	31	230	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	330	7.8	28.4
WSW-2	08-03-94	<0.0050	<0.010	36	0.05	<0.010	14	NS	7.9	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	320	NS	NA
WSW-2	11-07-94	<0.0050	<0.010	21	<0.030	<0.010	13	NS	7.6	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	01-10-95	<0.0050	<0.010	22	0.036	<0.010	15	NS	7.5	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	300	NS	NA
WSW-2	04-26-95	<0.0050	<0.010	17	<0.030	<0.010	15	160	8	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS					

TABLE 4 - COMPARISON OF BACKGROUND WITH DOWNGRADE WELLS

Well	Sample Date	Cadmium (Total) mg/l	Chromium (Total) mg/l	Chloride (Total) mg/l	Iron (Total) mg/l	Manganese (Total) mg/l	Sulfate (Total) mg/l	TDS (Total) mg/l	pH	Aluminum (Total) mg/l	Nickel (Total) mg/l	Lead (Total) mg/l	Mercury (Total) mg/l	Selenium (Total) mg/l	Gross Alpha (Total) pCi/l	Radium 226 (Total-Unfiltered)	Radium 228 (Total)	Gross Beta (Total) pCi/l	Specific Conductance umhos/cm	Turbidity NTU	Water Level ft.
MW-205S	08-03-94	<0.0050	<0.010	4.3	0.31	<0.010	3.5	NS	5.4	0.12	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	25	NS	5.8
MW-205S	11-07-94	<0.0050	<0.010	8.6	0.26	<0.010	<1.0	NS	5.3	<0.10	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	40	NS	9.61
MW-205S	01-10-95	<0.0050	<0.010	4.7	0.53	0.01	1.4	NS	5.7	0.24	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	30	NS	12.58
MW-205S	04-26-95	<0.0050	<0.010	5.1	0.62	0.01	3.3	24	5.3	0.24	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	30	9.3	11.5
MW-205S	07-26-95	<0.0050	<0.010	4.3	1.3	0.015	<1.0	34	6	0.54	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	<2.0	40	17	15.65
MW-205S	10-17-95	<0.0050	<0.010	5.5	3.9	0.029	3.9	24	5.5	1.6	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	40	28	17.18
MW-205S	01-11-96	<0.0050	<0.010	5.9	5.1	0.043	3.1	36	5.3	2.2	<0.020	0.0057	<0.00020	<0.0020	<3.0	NS	NS	<4.0	30	21	15.85
MW-205S	04-11-96	<0.0050	<0.010	4.9	0.41	<0.010	1	29	5.9	0.15	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	62	4.9	8.68
MW-205S	07-24-96	<0.0050	<0.010	5.7	0.36	<0.010	<1.0	21	5.7	0.16	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	40	3.2	16.91
MW-205S	11-13-96	<0.0050	<0.010	5.1	0.2	<0.010	1.8	12	5.8	0.01	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	34	4.2	15.52
MW-203S	08-03-94	<0.0050	<0.010	18	37	3.1	21	NS	6.5	2.3	<0.020	<0.0050	<0.00020	<0.0020	<2.0	NS	NS	NS	500	NS	4.7
MW-203S	11-07-94	<0.0050	0.083	11	94	4	27	NS	6.5	49	0.028	0.032	<0.00020	0.0027	10.5+/-2.4	2.94+/-0.15	NS	NS	450	NS	10.27
MW-203S	01-10-95	<0.0050	<0.010	5.3	27	2.9	29	NS	6.4	1.9	<0.020	<0.0050	<0.00020	<0.0020	3.4+/-1.6	NS	NS	NS	350	NS	10.04
MW-203S	04-26-95	<0.0050	0.016	6.8	70	3.4	23	240	6.4	12	<0.020	0.0080	<0.00020	<0.0020	2.7+/-2.0	NS	NS	3.8+/-3.0	430	110	10.29
MW-203S	07-26-95	<0.0050	0.048	15	84	3.2	20	230	6.8	19	0.027	0.011	<0.00020	<0.0020	<2.0	NS	NS	4.5+/-3.1	450	91	15.41
MW-203S	10-17-95	<0.0050	<0.010	11	38	3	28	220	6.5	5.7	<0.020	<0.0050	<0.00020	<0.0020	<3.0	NS	NS	<4.0	500	240	14.51
MW-203S	01-11-96	<0.0050	0.016	6.5	54	4.2	38	290	6.8	9.4	<0.020	0.0067	<0.00020	<0.0020	3.6+/-5.1	NS	NS	4.3+/-3.3	490	290	10.2
MW-203S	04-11-96	<0.0050	0.011	10	54	3.1	14	260	6.4	2.6	<0.020	<0.0050	<0.00020	<0							

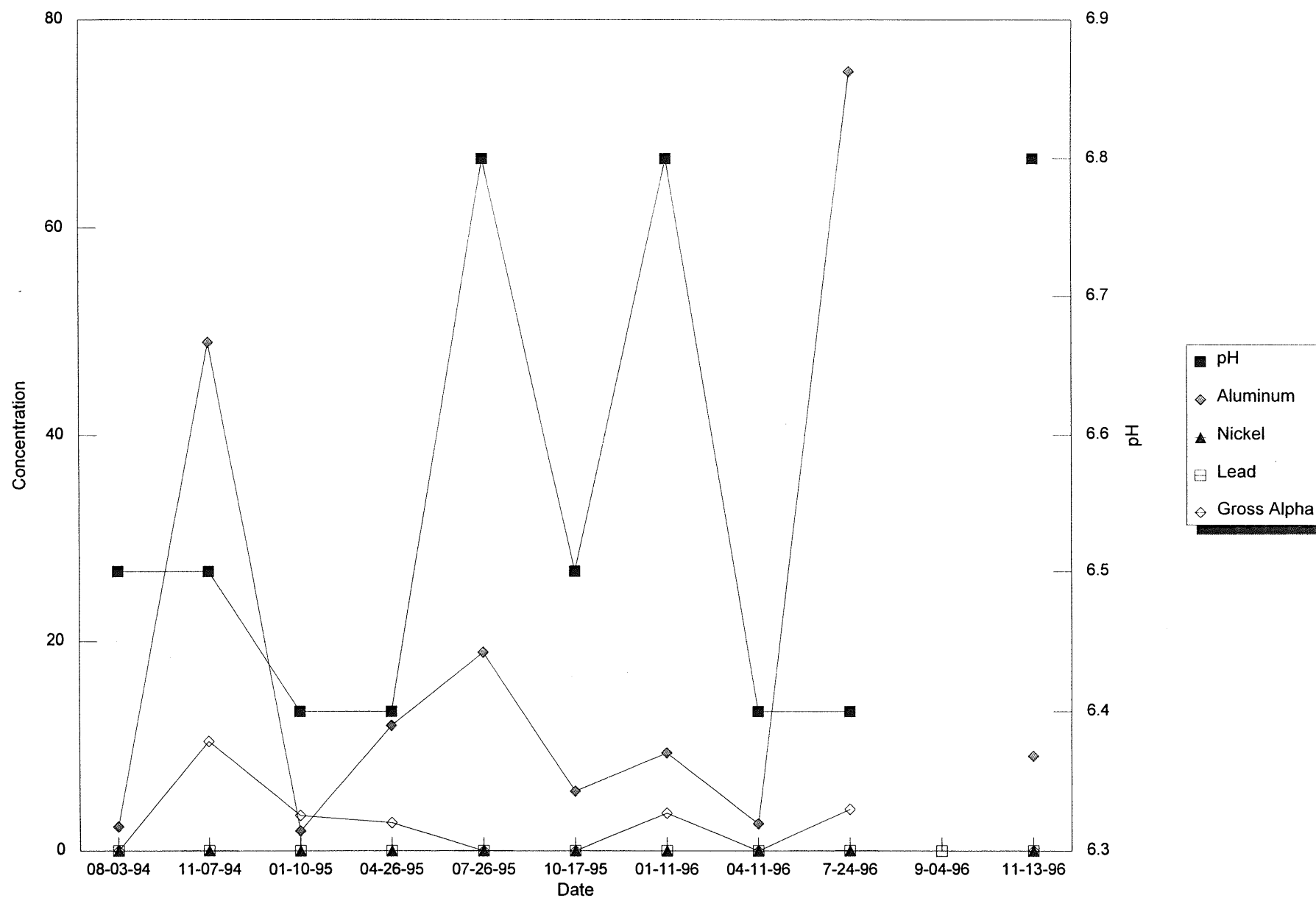
Well MW-203S

Water Quality Data Summary



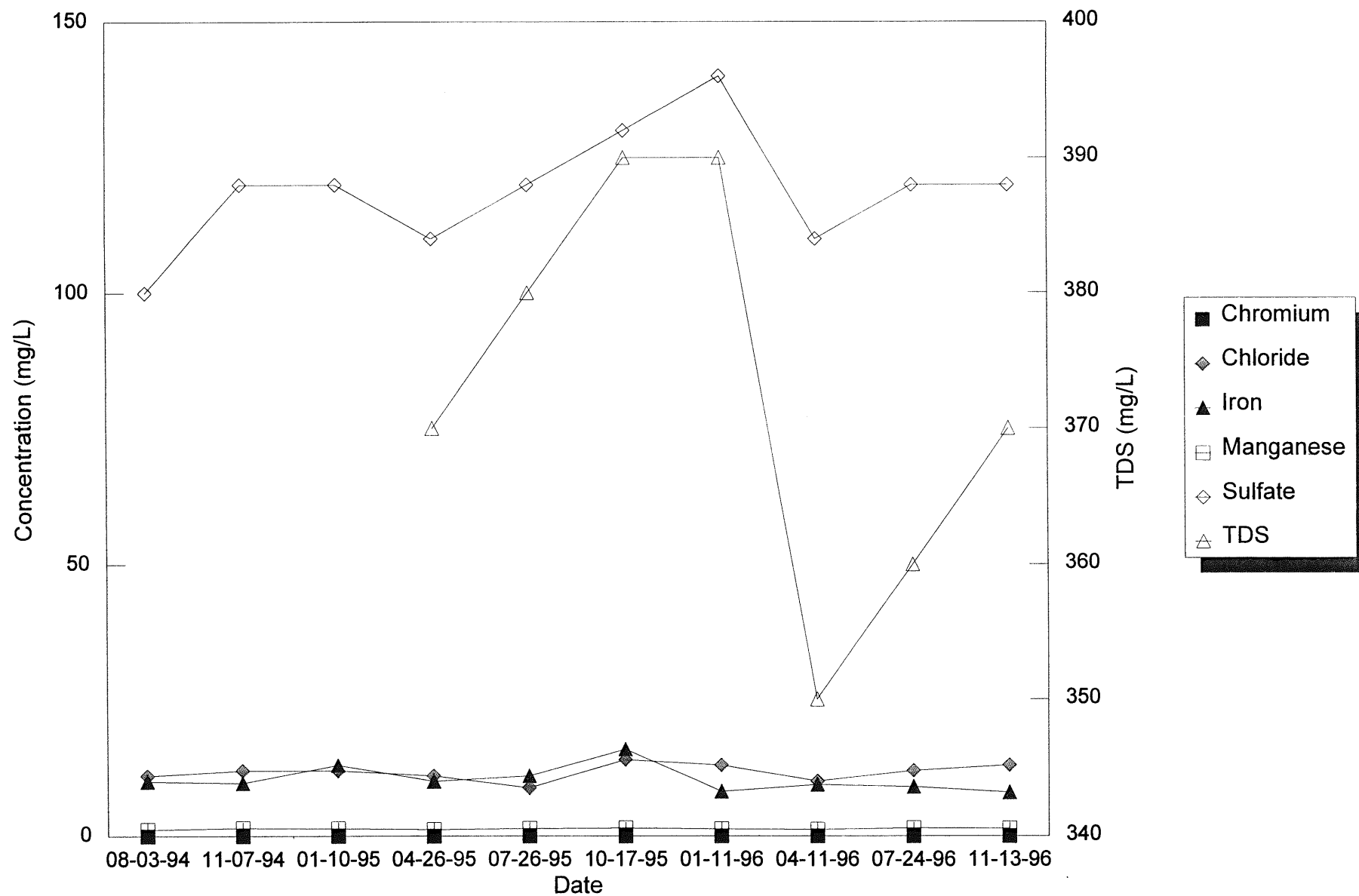
Well MW-203S

Water Quality Data Summary



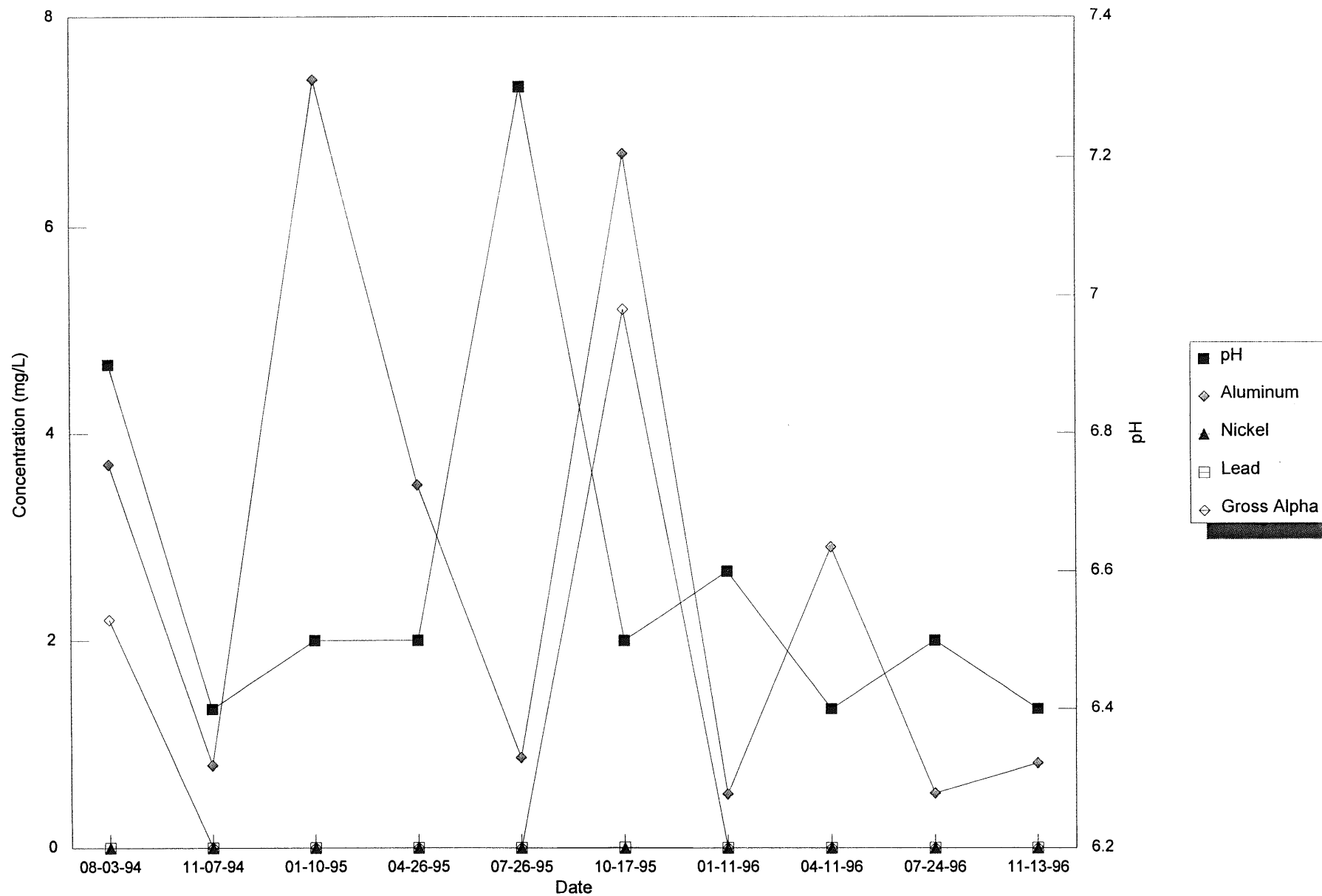
MW-204S

Water Quality Data Summary



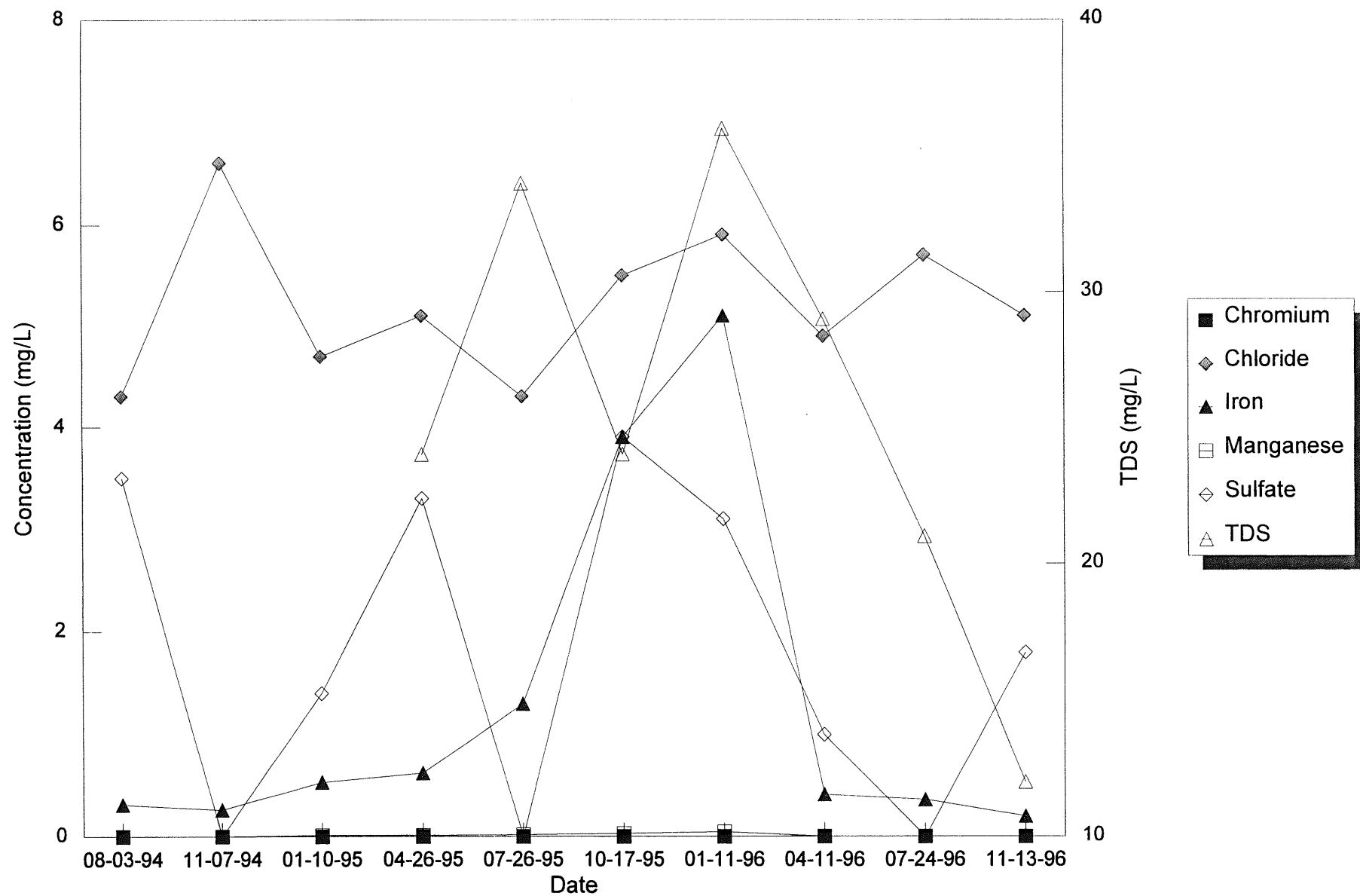
MW-204S

Water Quality Data Summary



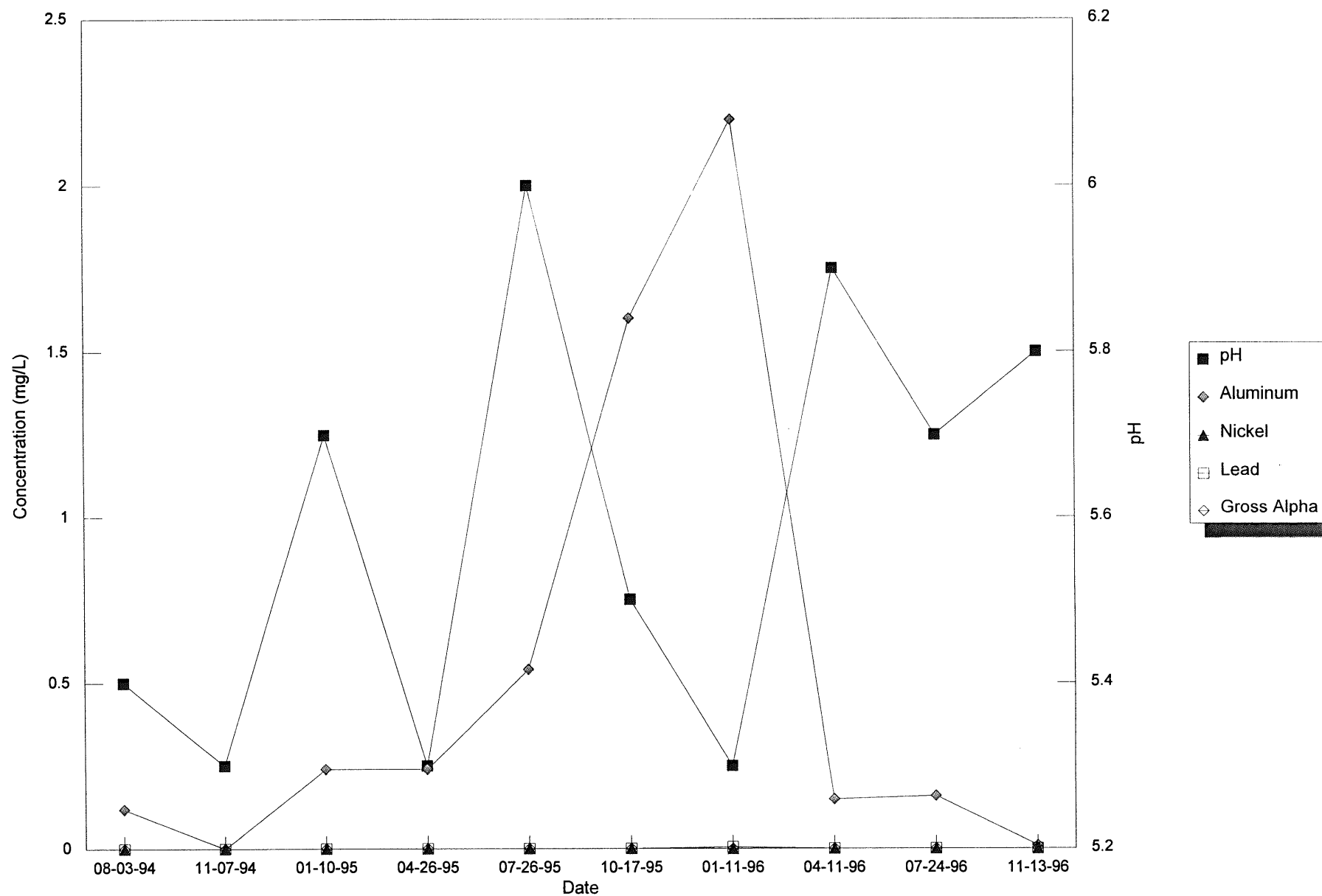
MW-205S

Water Quality Data Summary



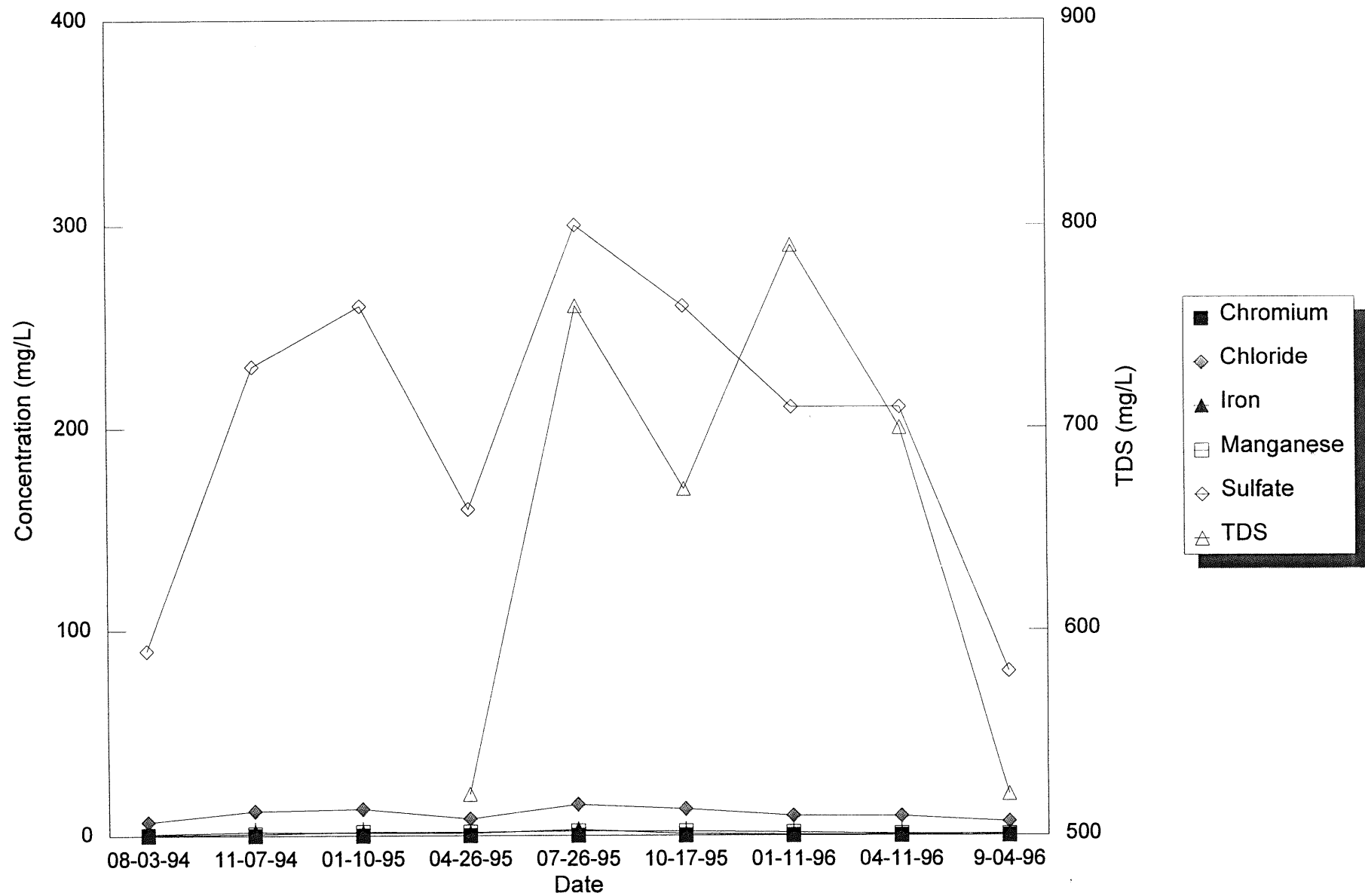
MW-205S

Water Quality Data Summary



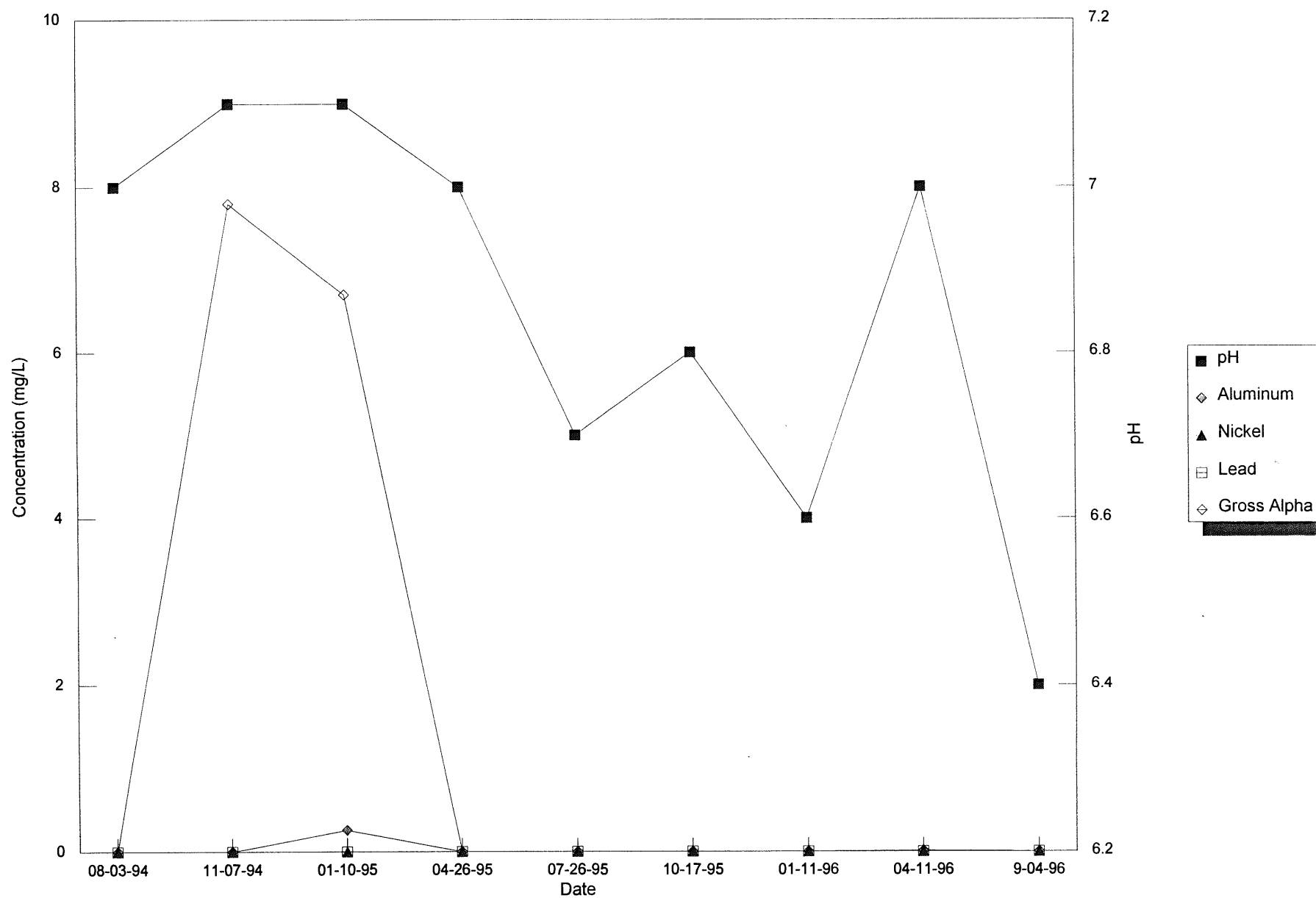
MW-210S

Water Quality Data Summary



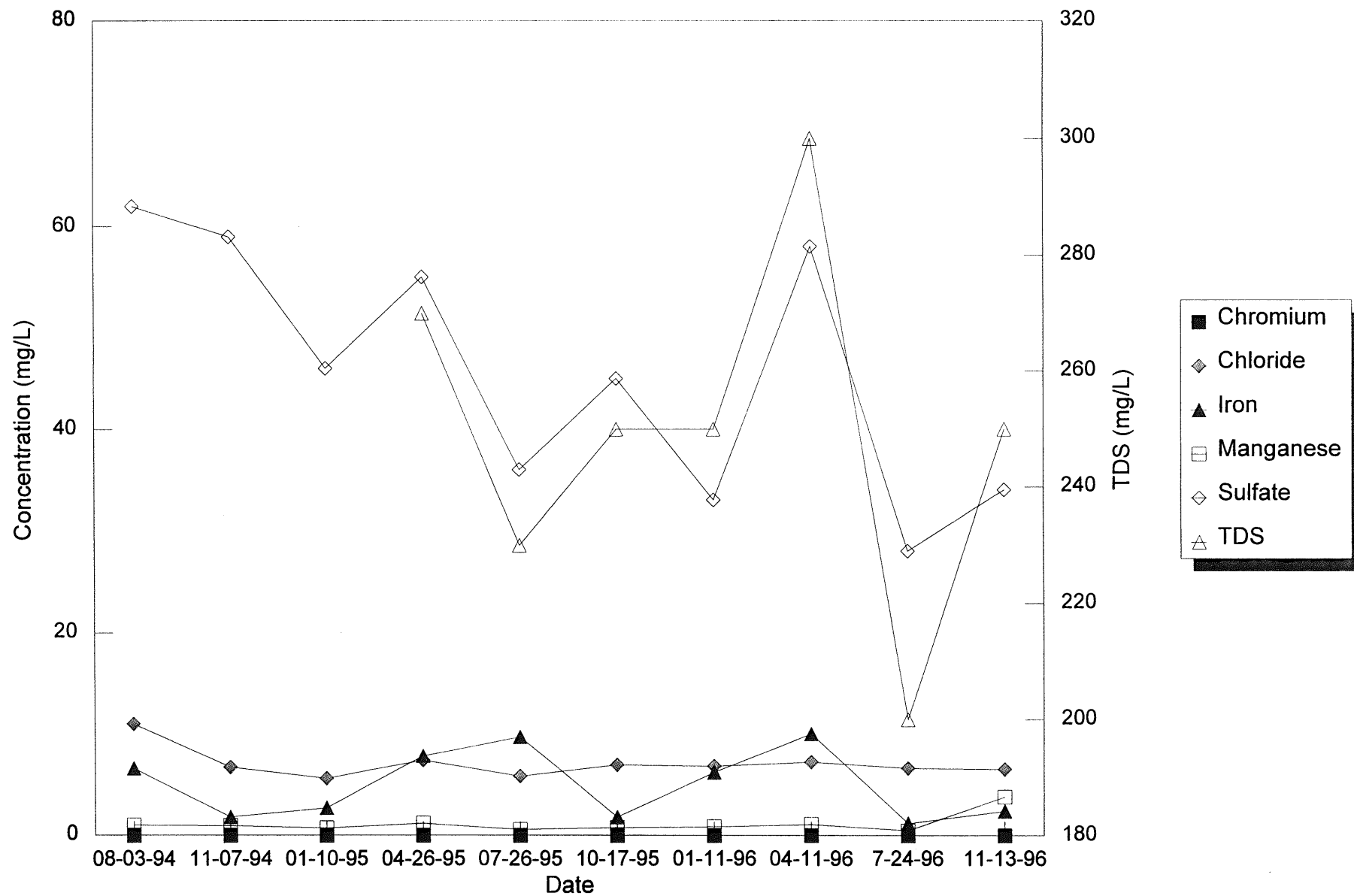
MW-210S

Water Quality Data Summary



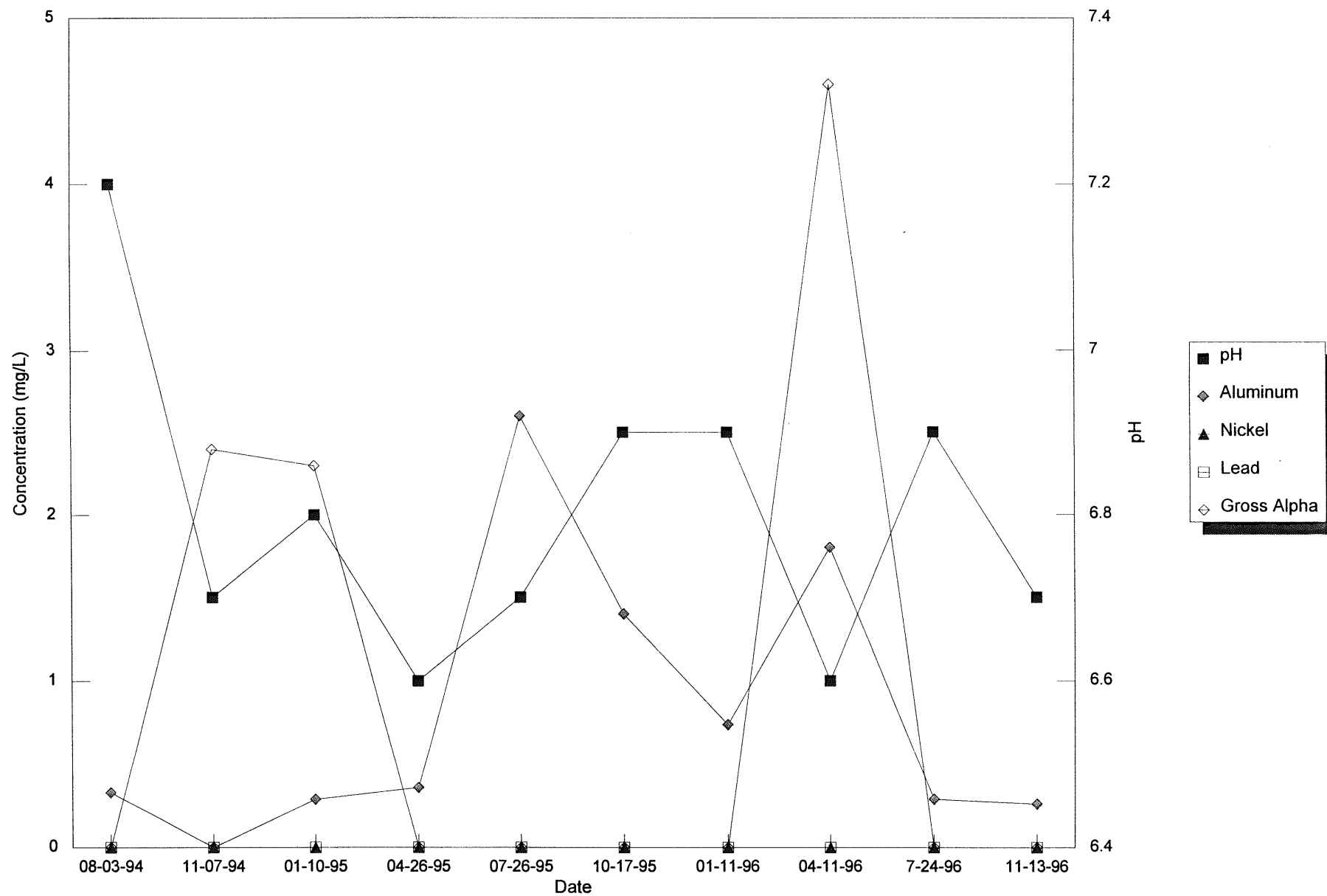
MW-203MD

Water Quality Data Summary



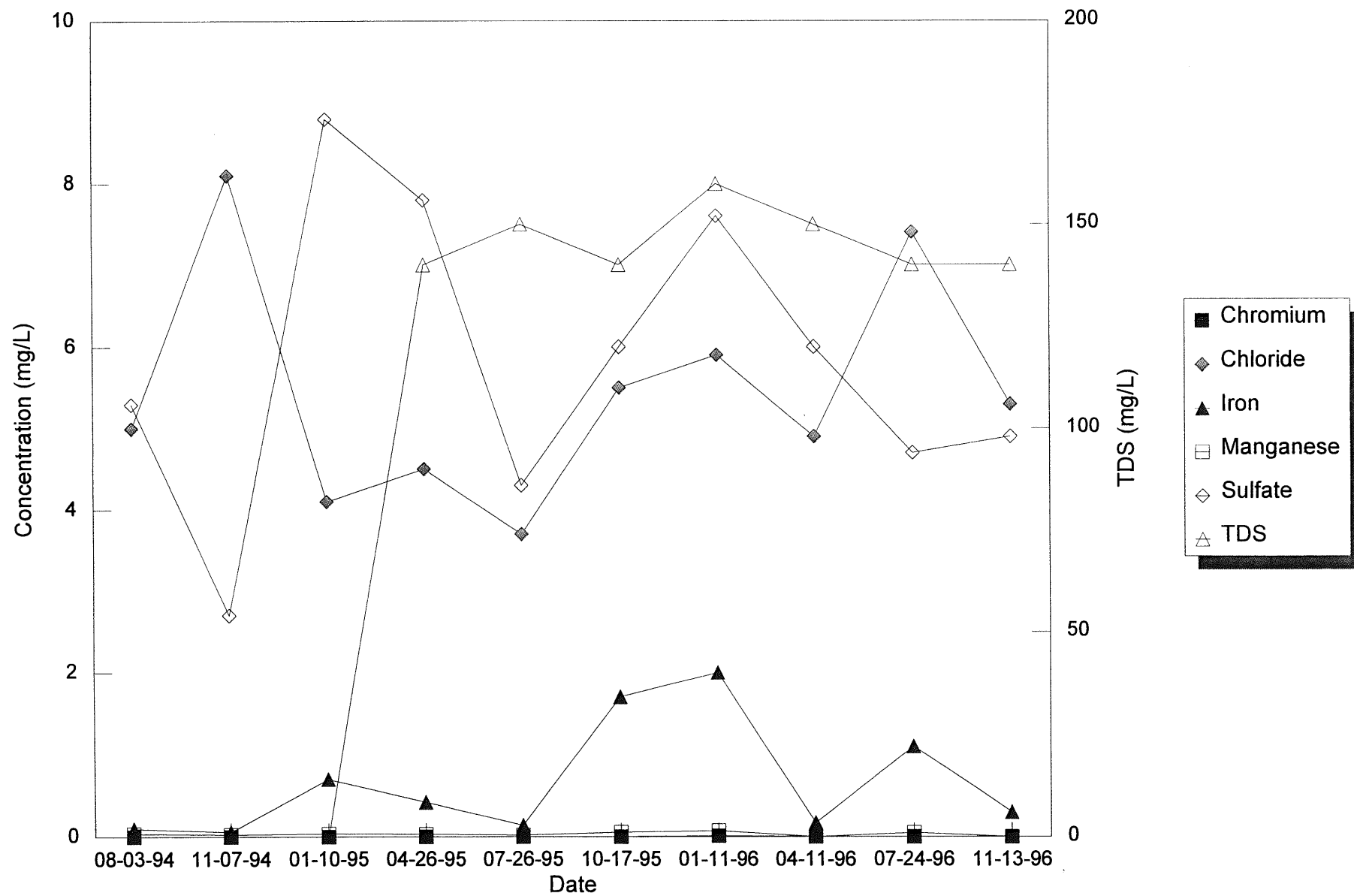
MW-203MD

Water Quality Data Summary



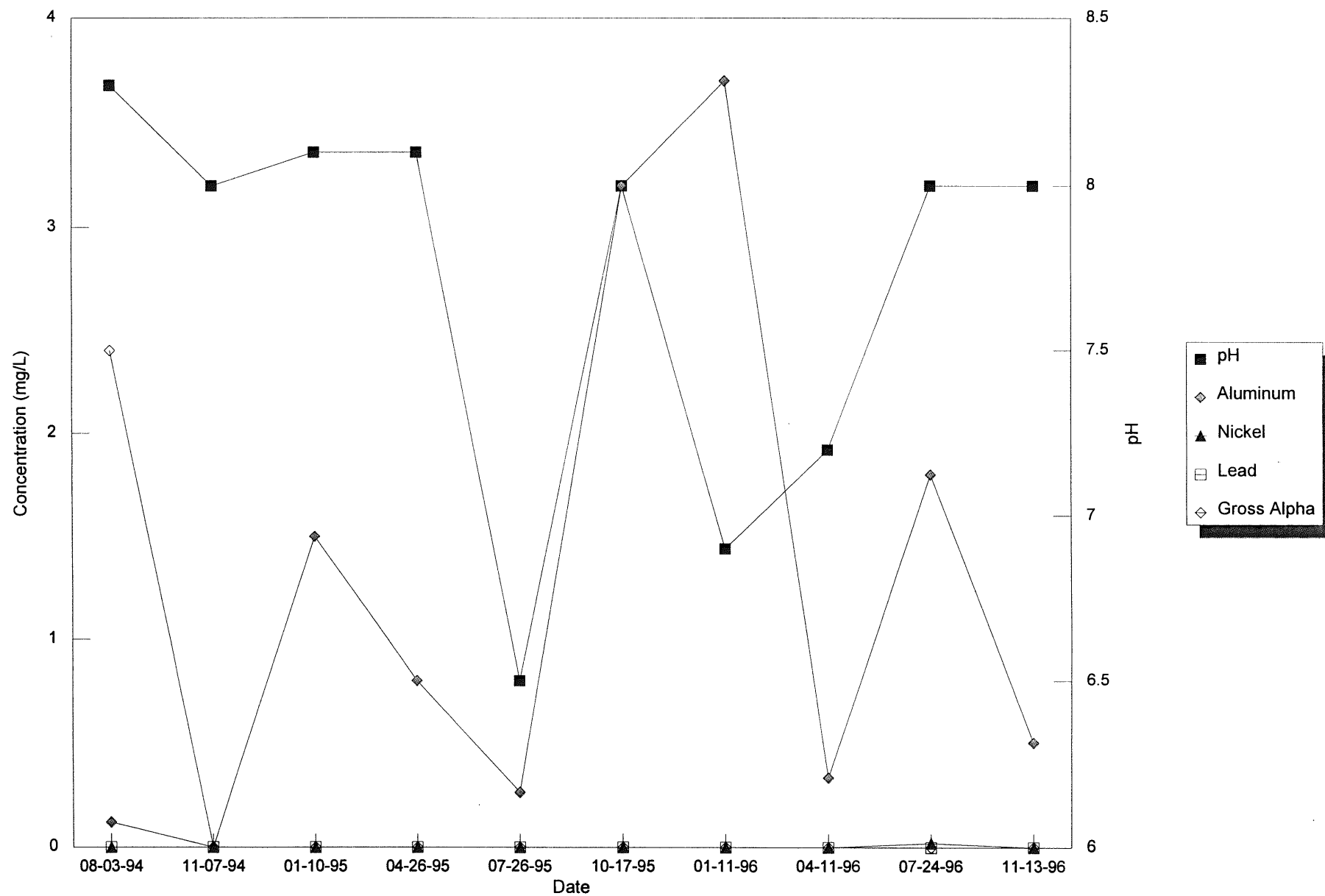
MW-204MD

Water Quality Summary



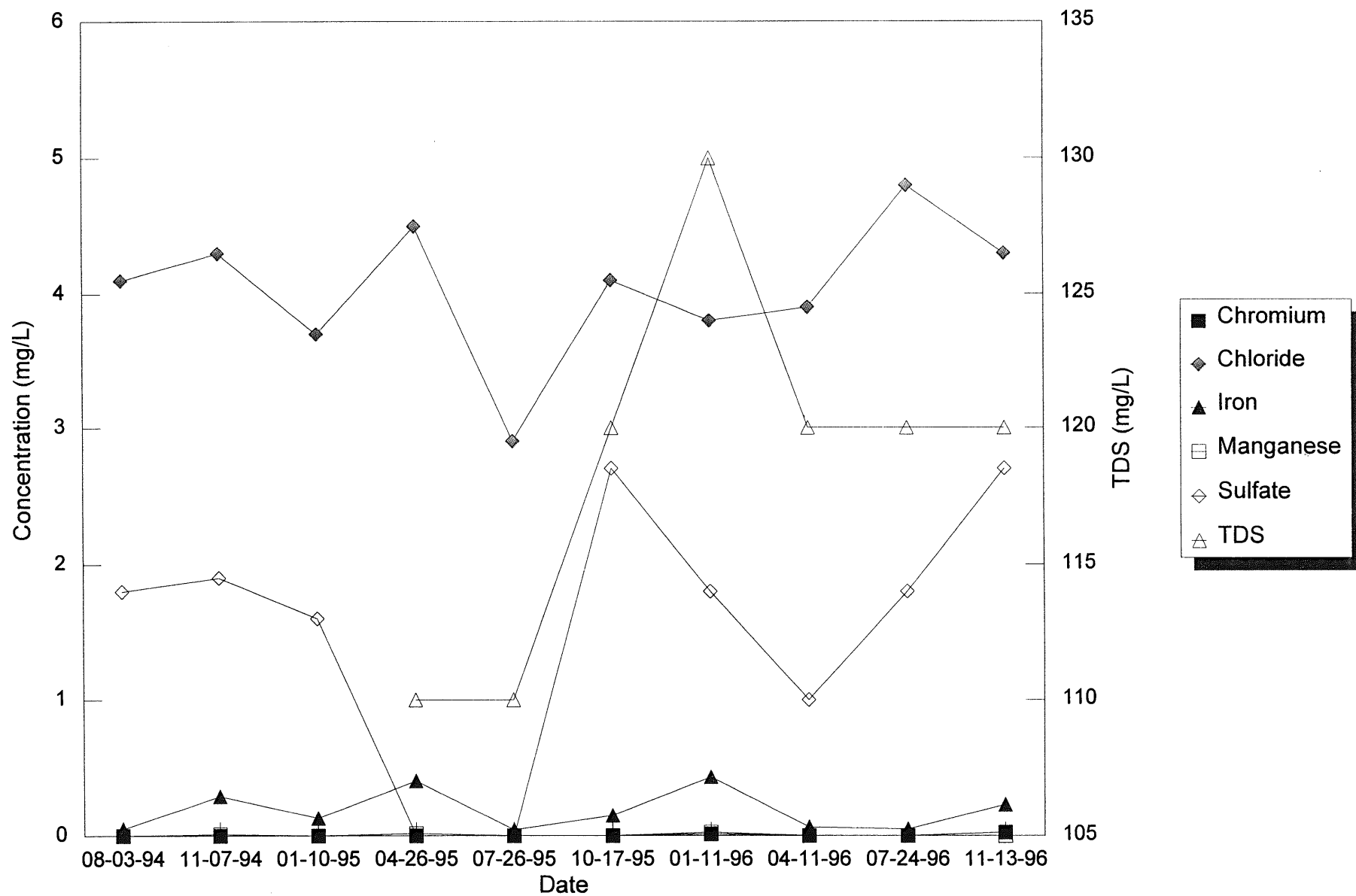
MW-204MD

Water Quality Data Summary



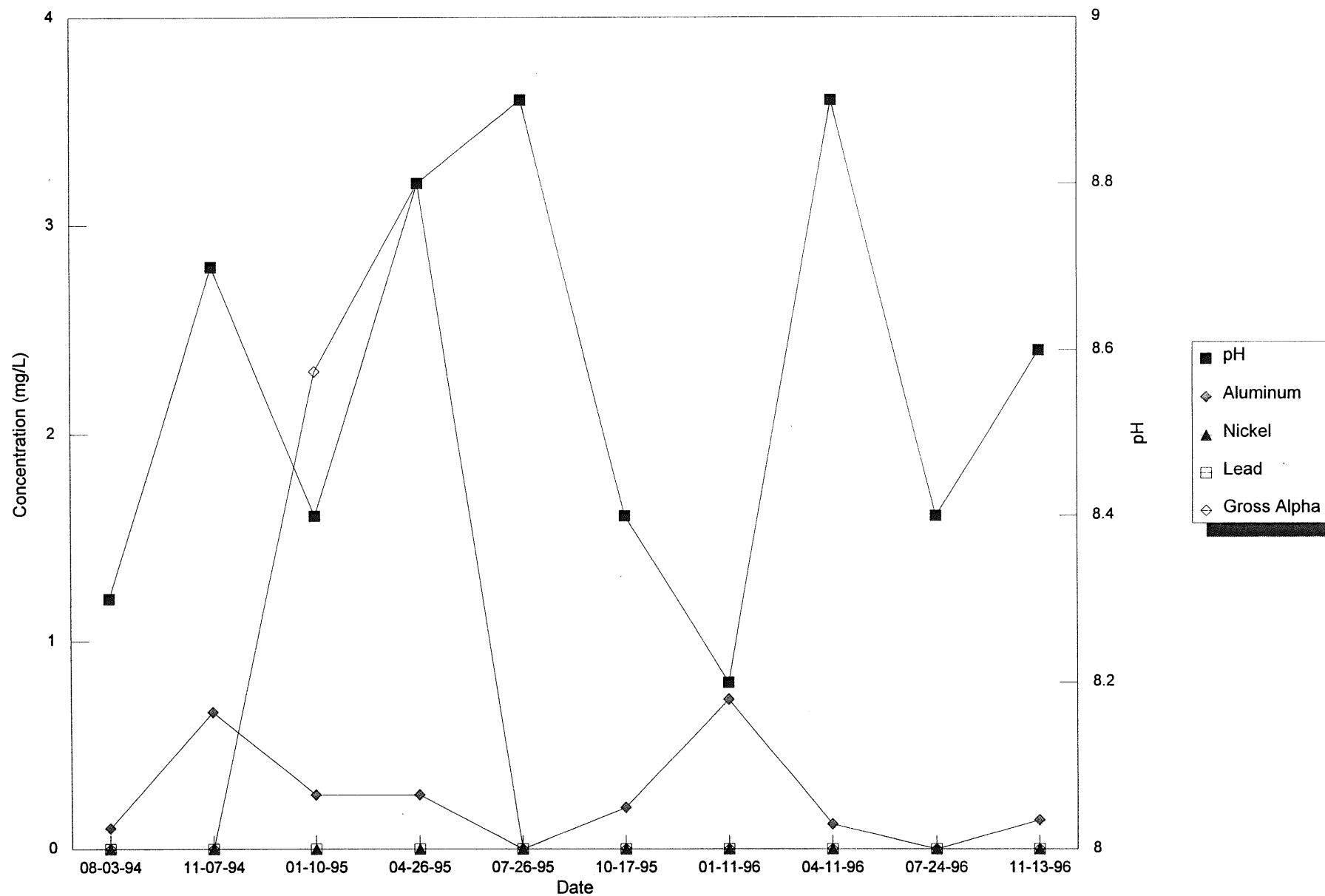
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Water Quality Data Summary



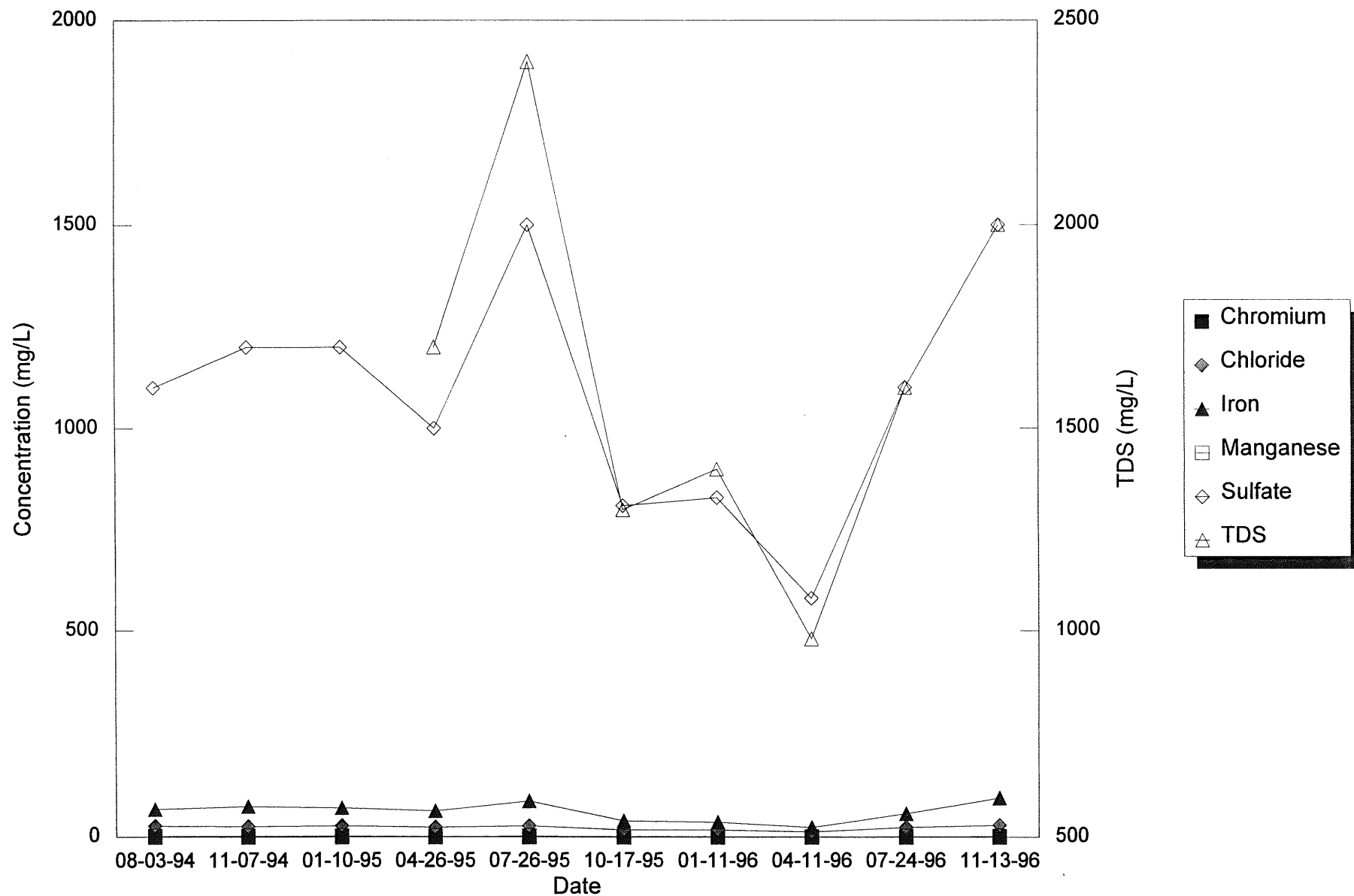
MW-205MD

Water Quality Data Summary



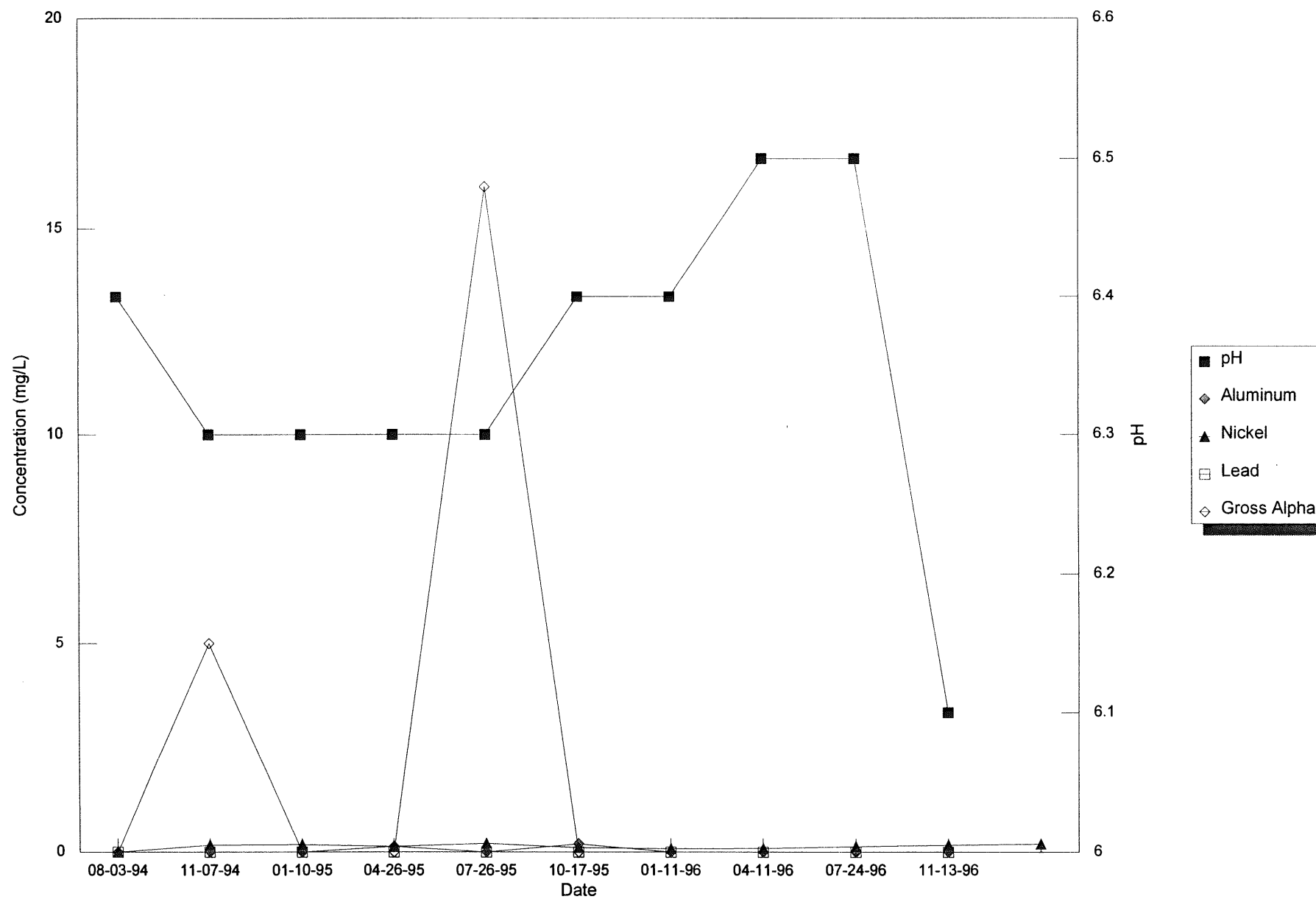
MW-210MD

Water Quality Data Summary



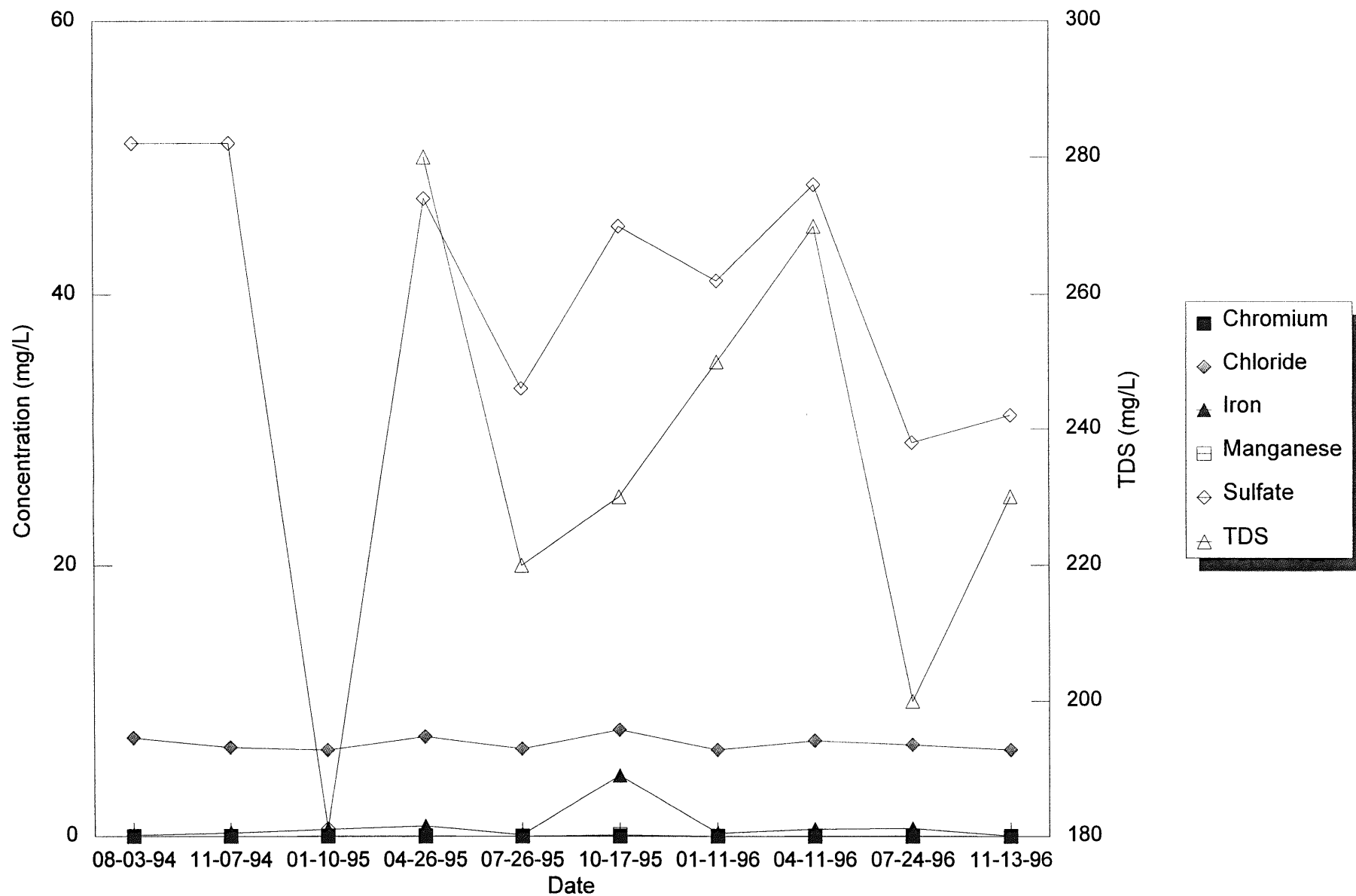
MW-210MD

Water Quality Data Summary



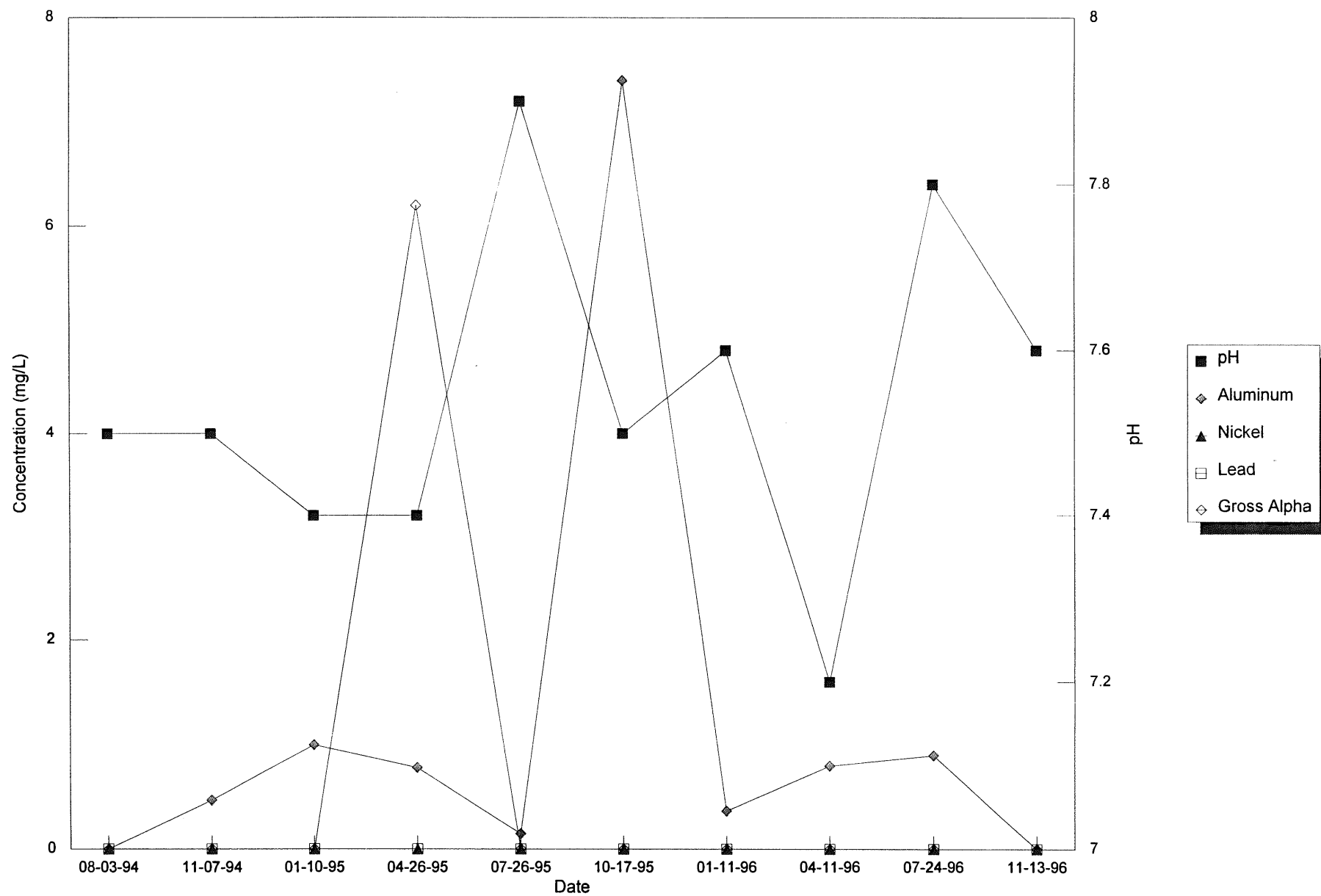
MW-212MD

Water Quality Data Summary



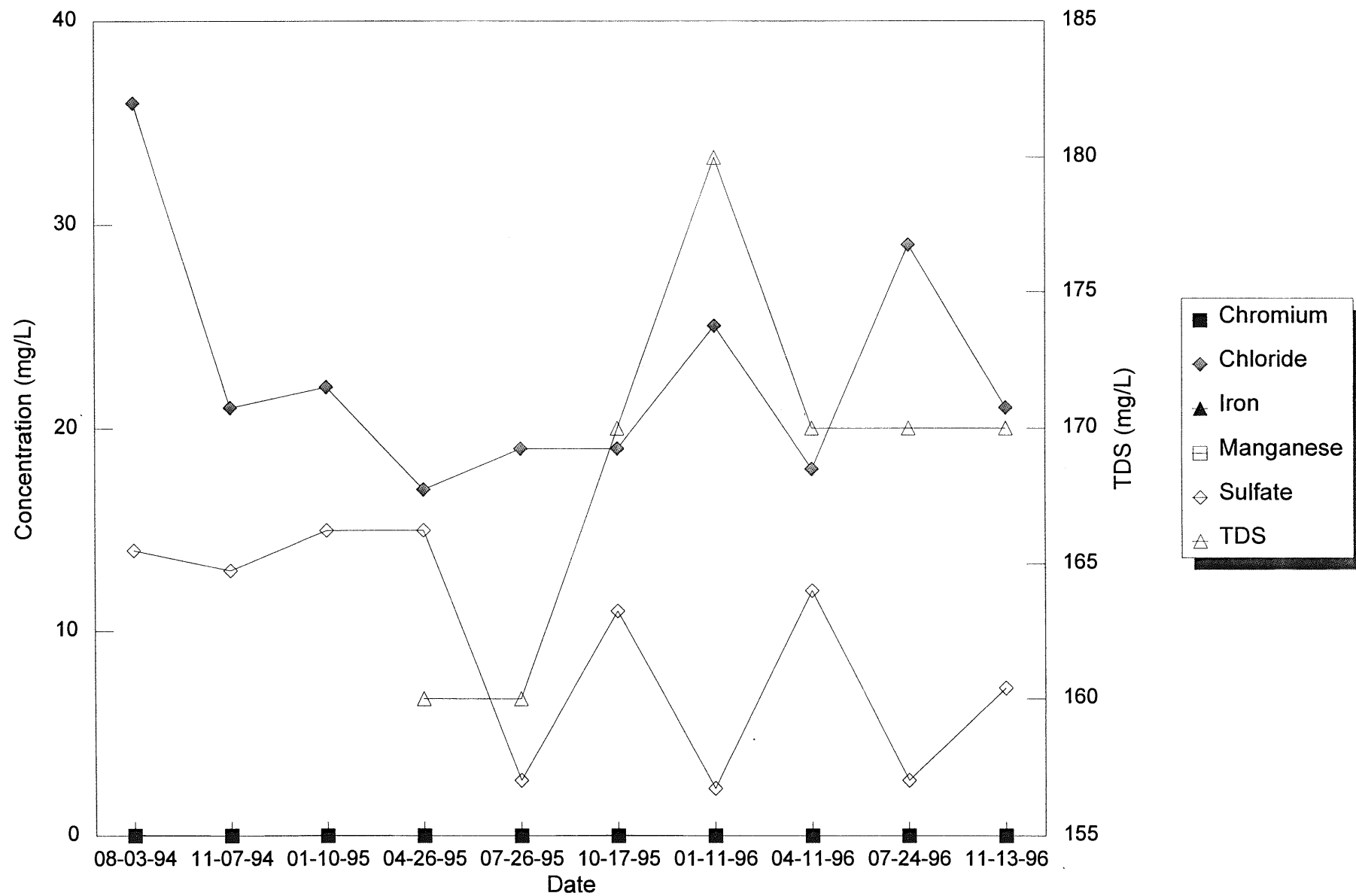
MW-212MD

Water Quality Data Summary



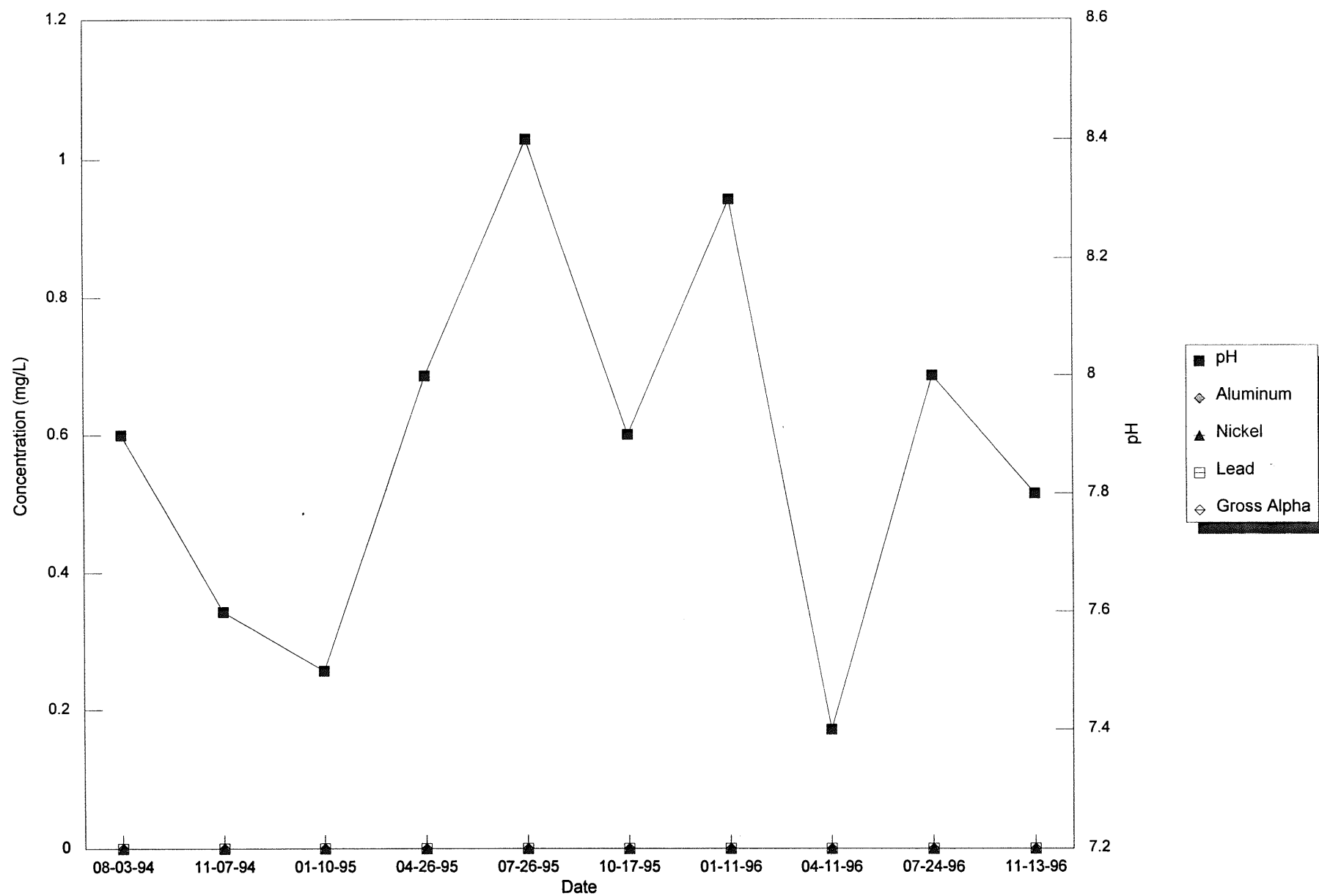
WSW-2

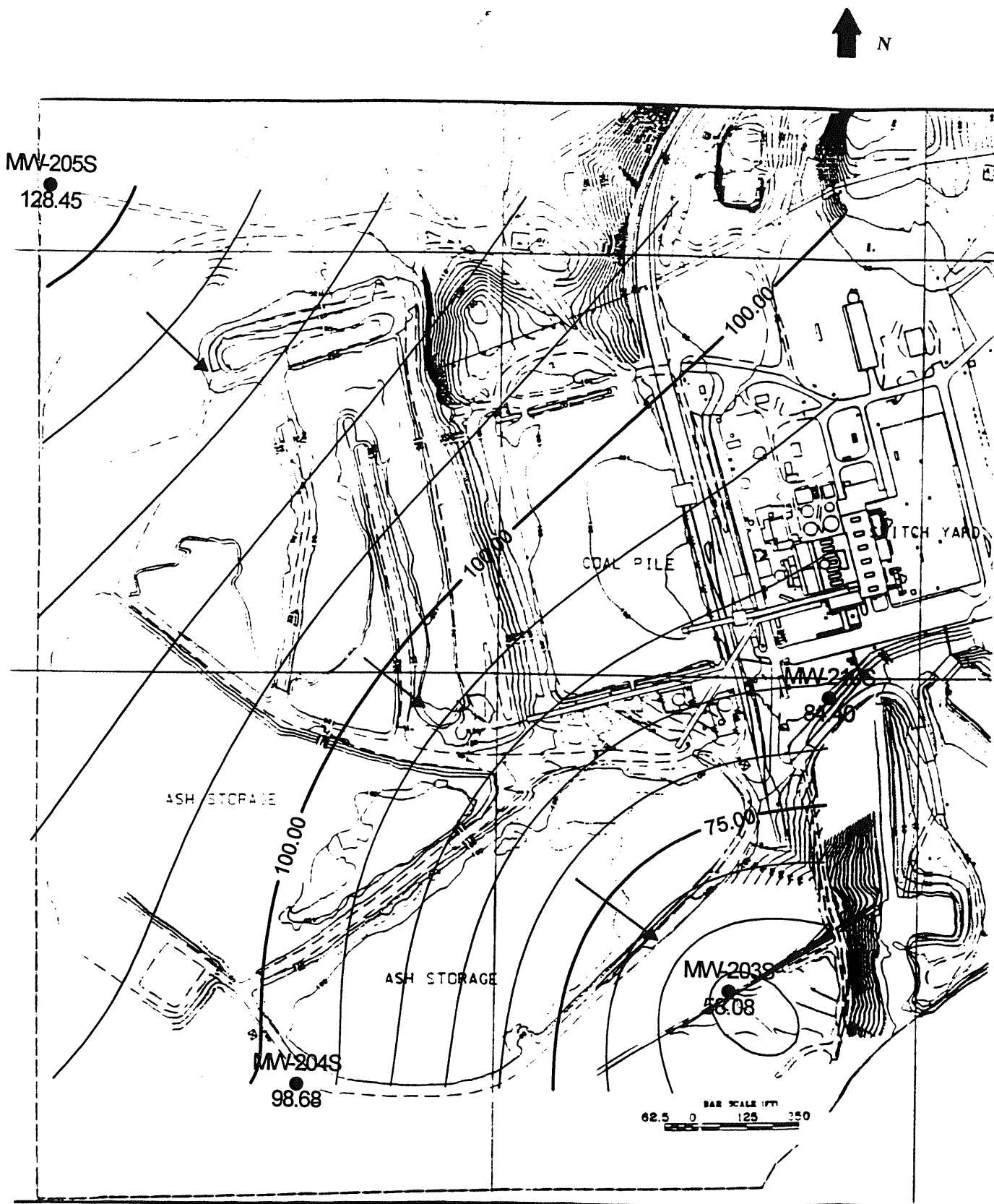
Water Quality Data Summary



WSW-2

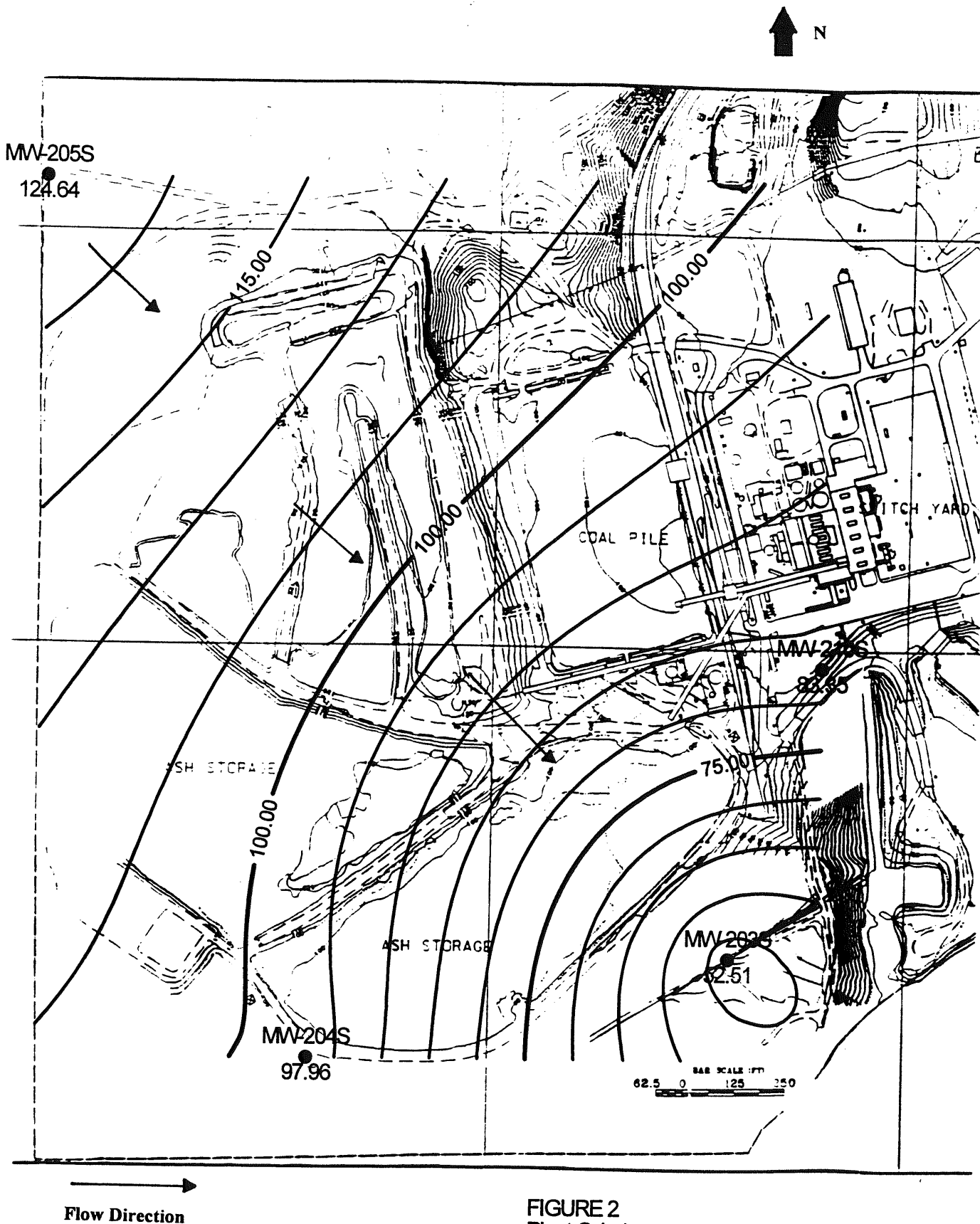
Water Quality Data Summary





→
Flow Direction

FIGURE 1
Plant Scholz
Potentiometric Map - August 3, 1994



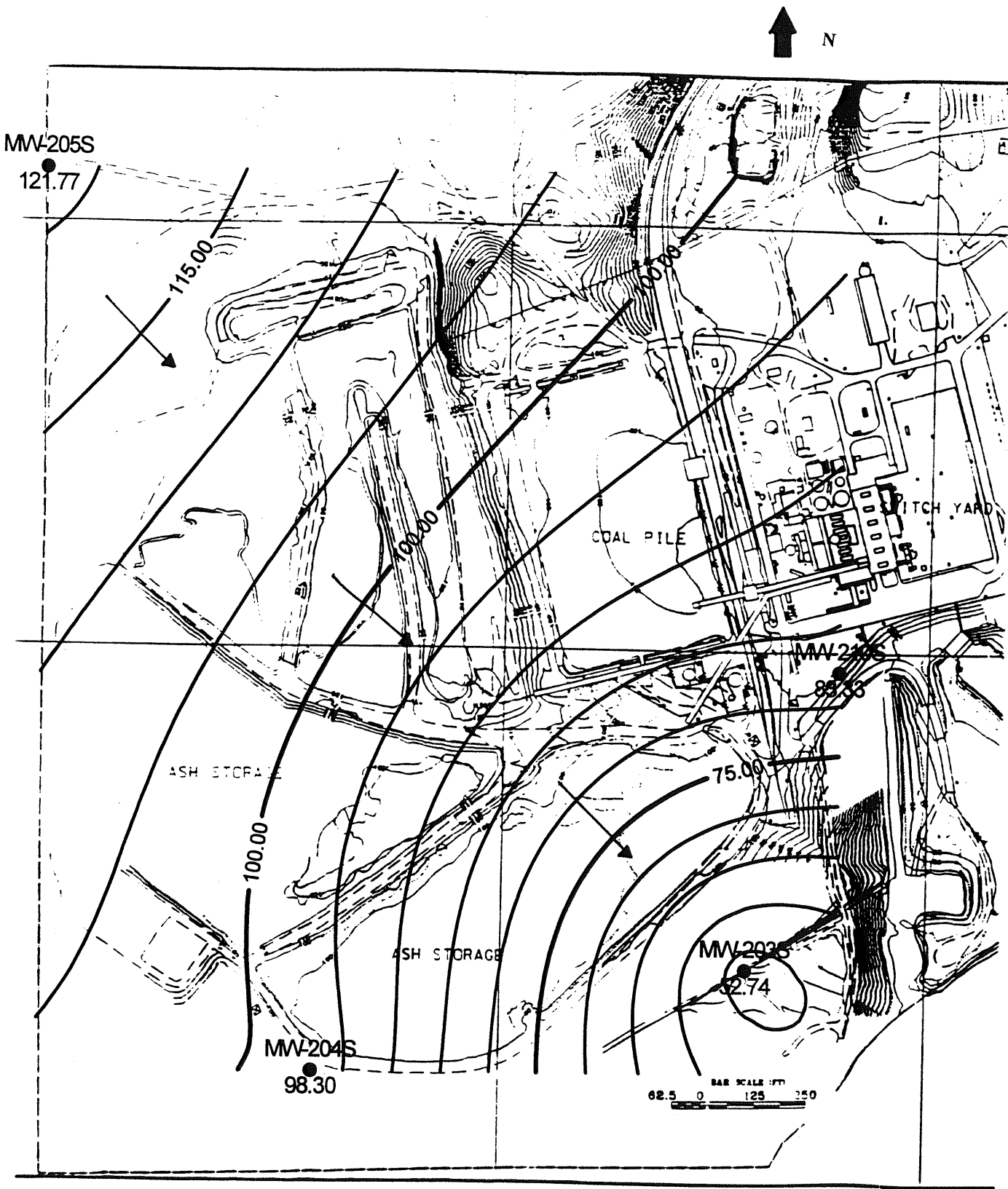


FIGURE 3
Plant Scholz
Potentiometric Map - January 10, 1995

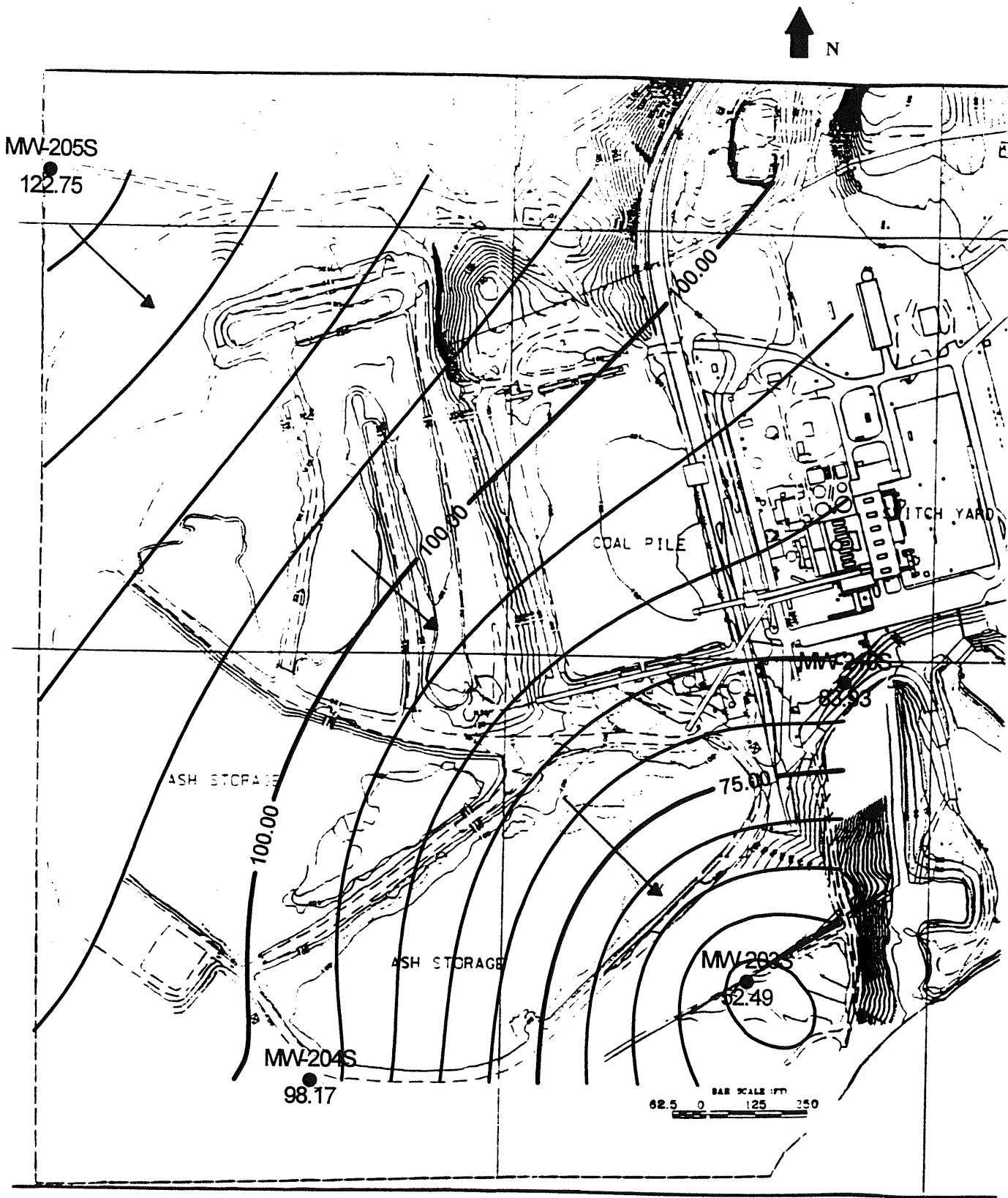


FIGURE 4
Plant Scholz
Potentiometric Map - April 26, 1995

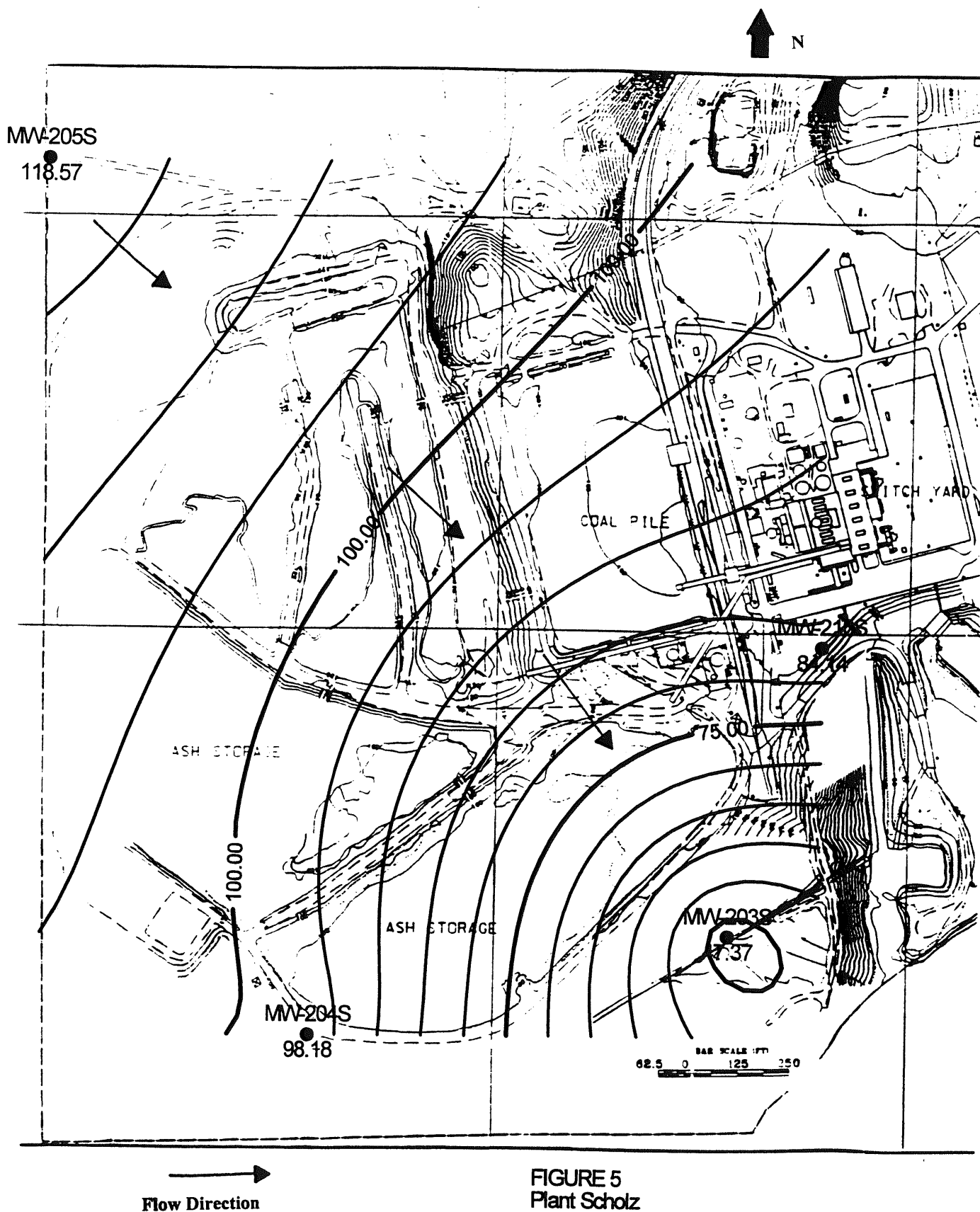


FIGURE 5
Plant Scholz
Potentiometric Map - July 26, 1995

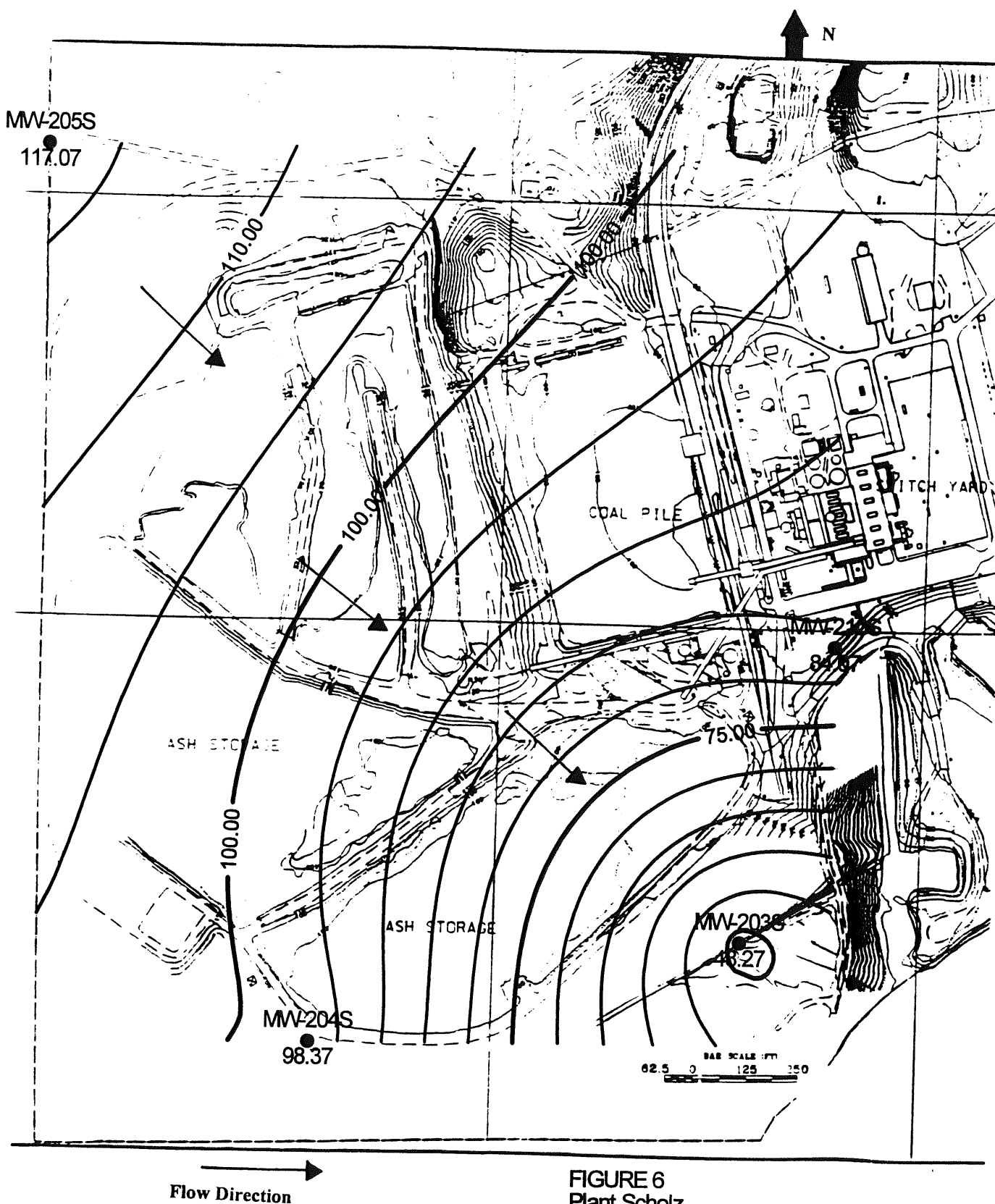


FIGURE 6
Plant Scholz
Potentiometric Map - October 17, 1995

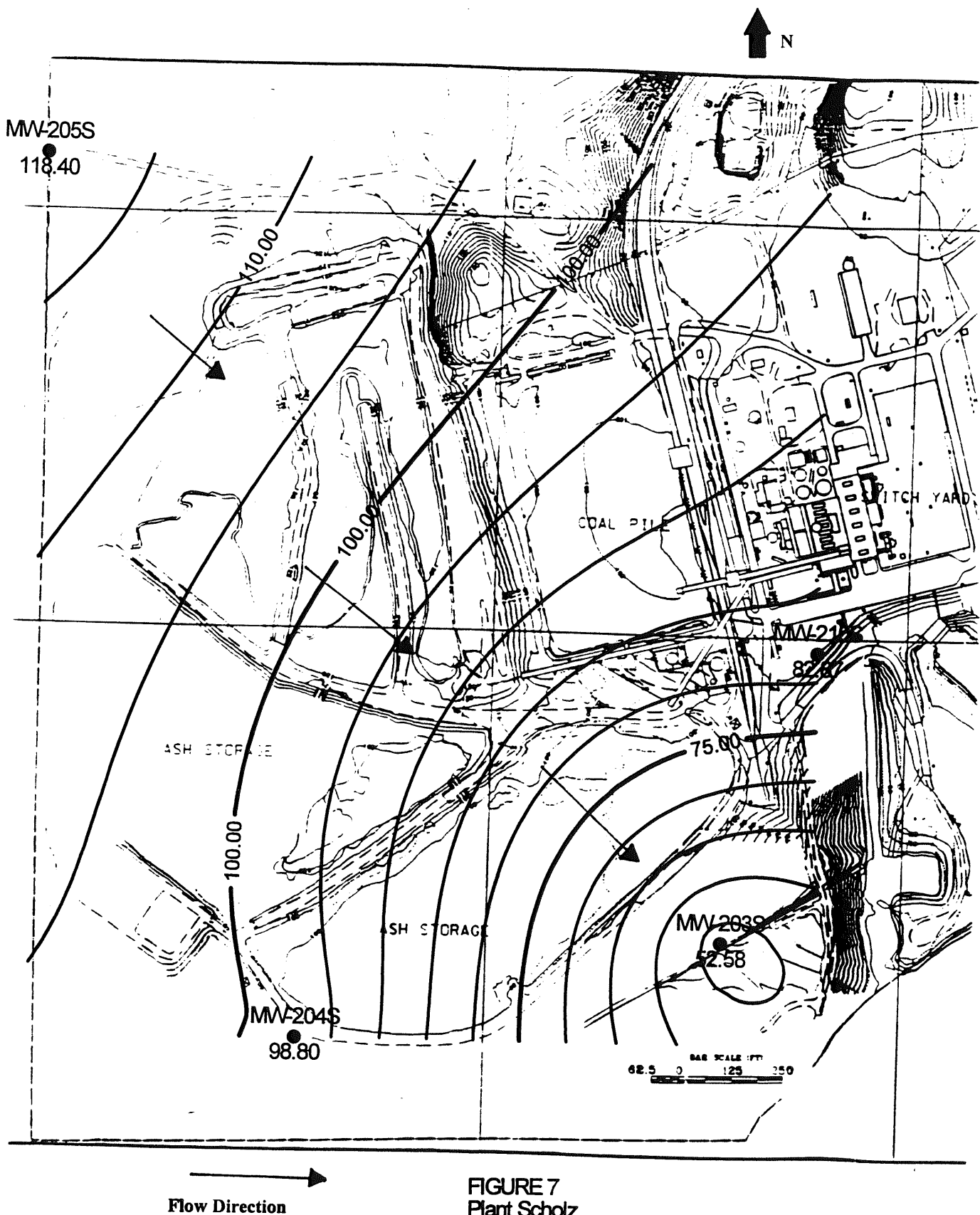


FIGURE 7
Plant Scholz
Potentiometric Map - January 11, 1996

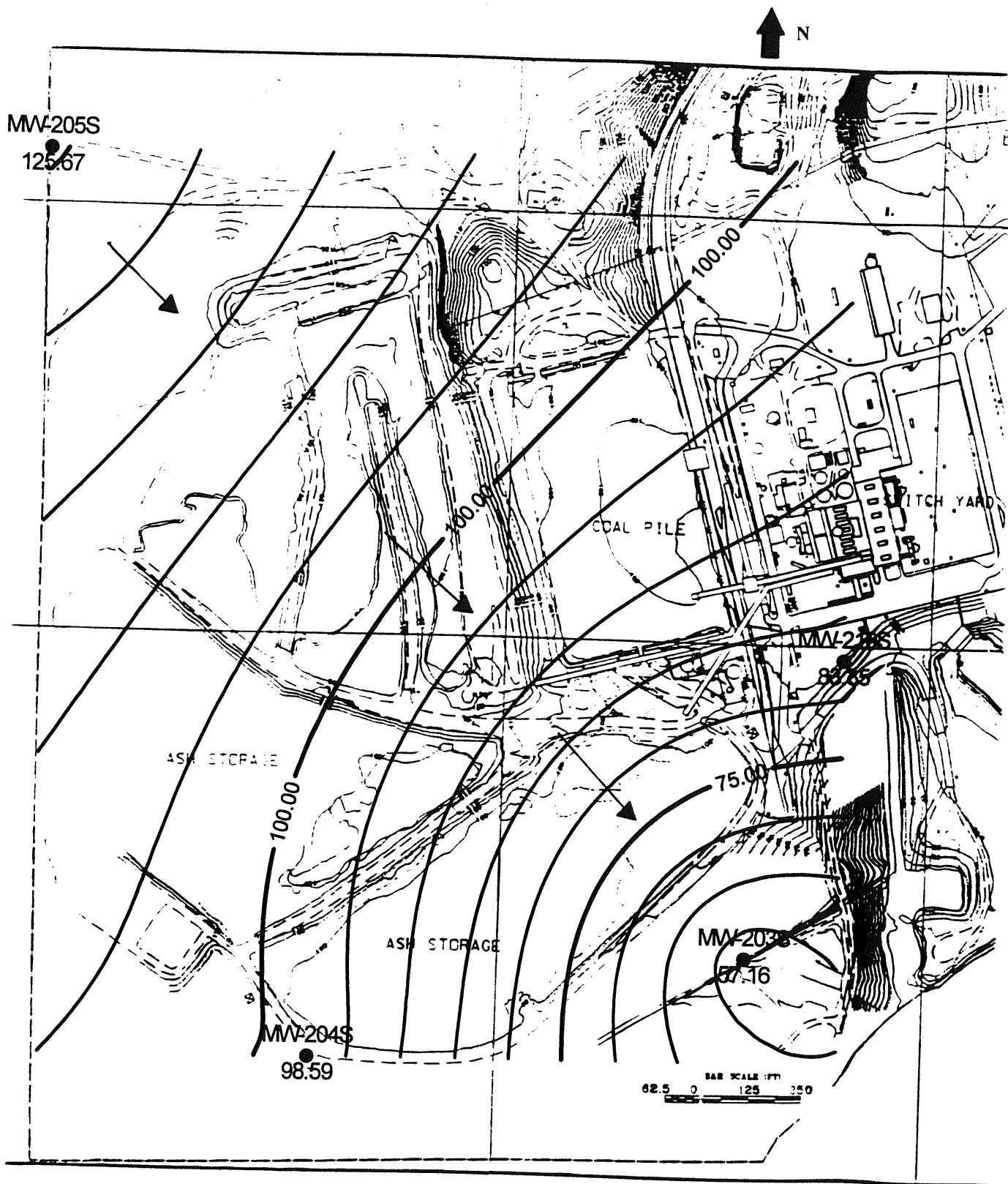


FIGURE 8
Plant Scholz
Potentiometric Map - April 11, 1996

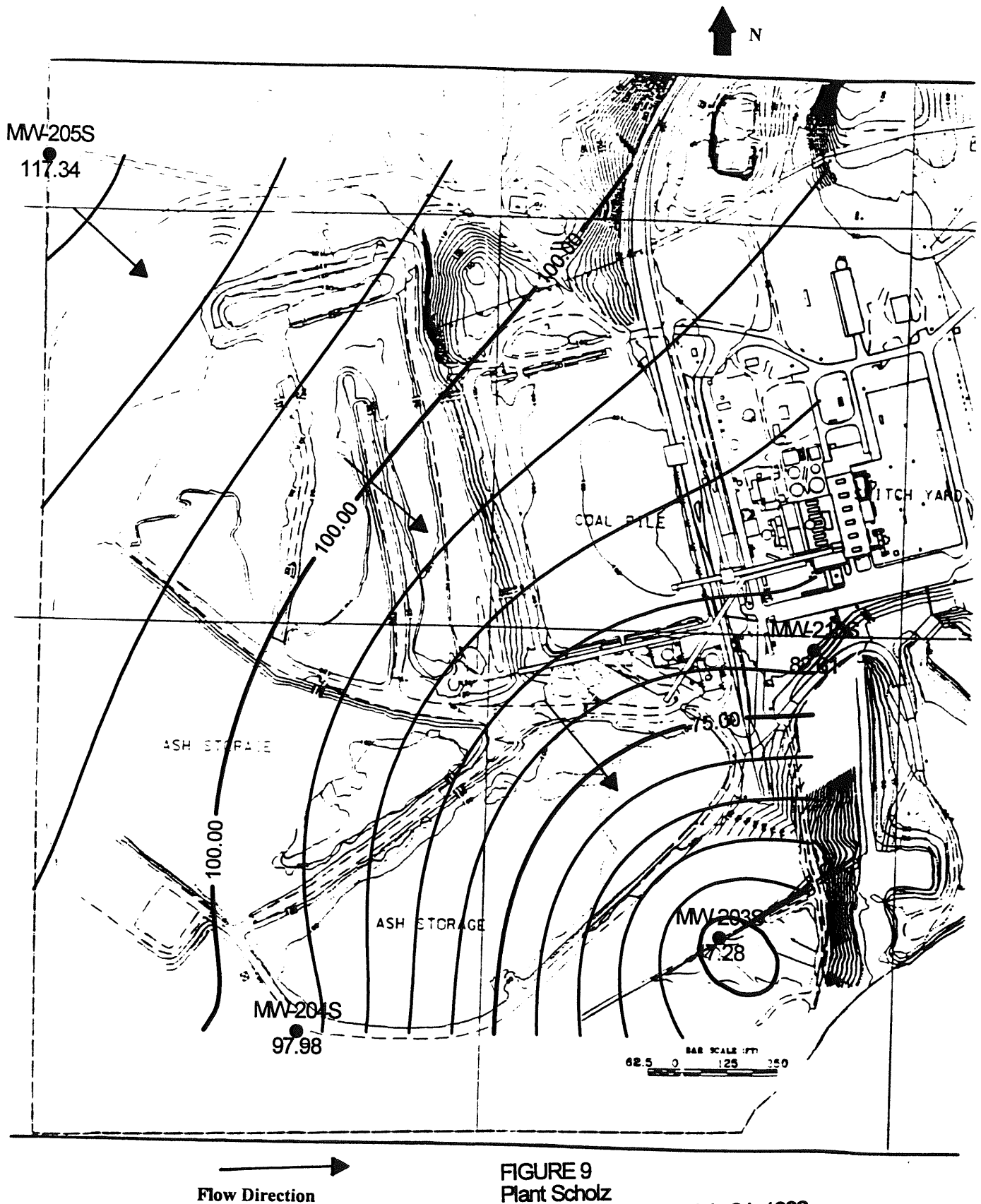


FIGURE 9
Plant Scholz
Potentiometric Map - July 24, 1996

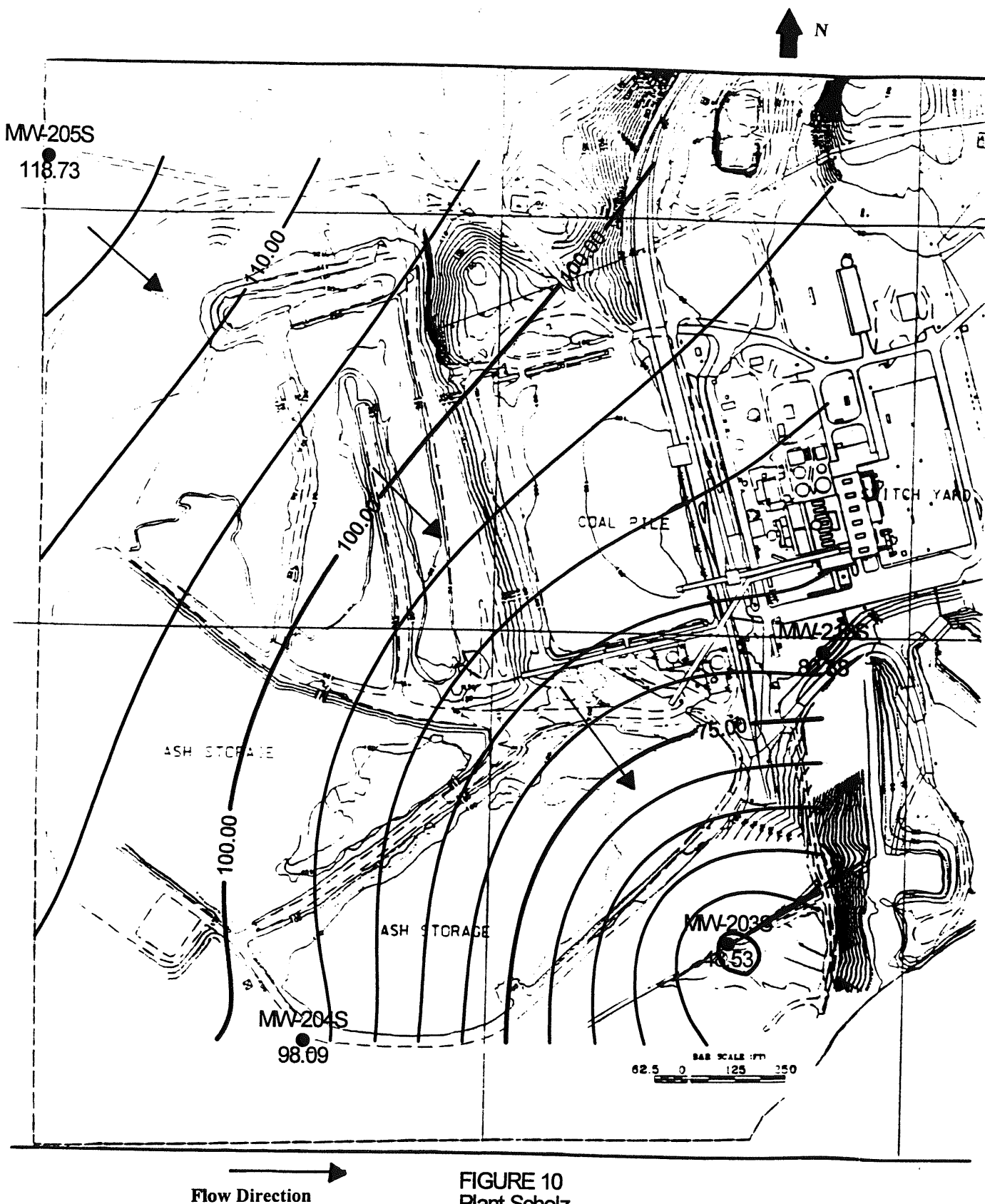


FIGURE 10
Plant Scholz
Potentiometric Map - November 13, 1996



FIGURE 11
Plant Scholz
Potentiometric Map - August 3, 1994

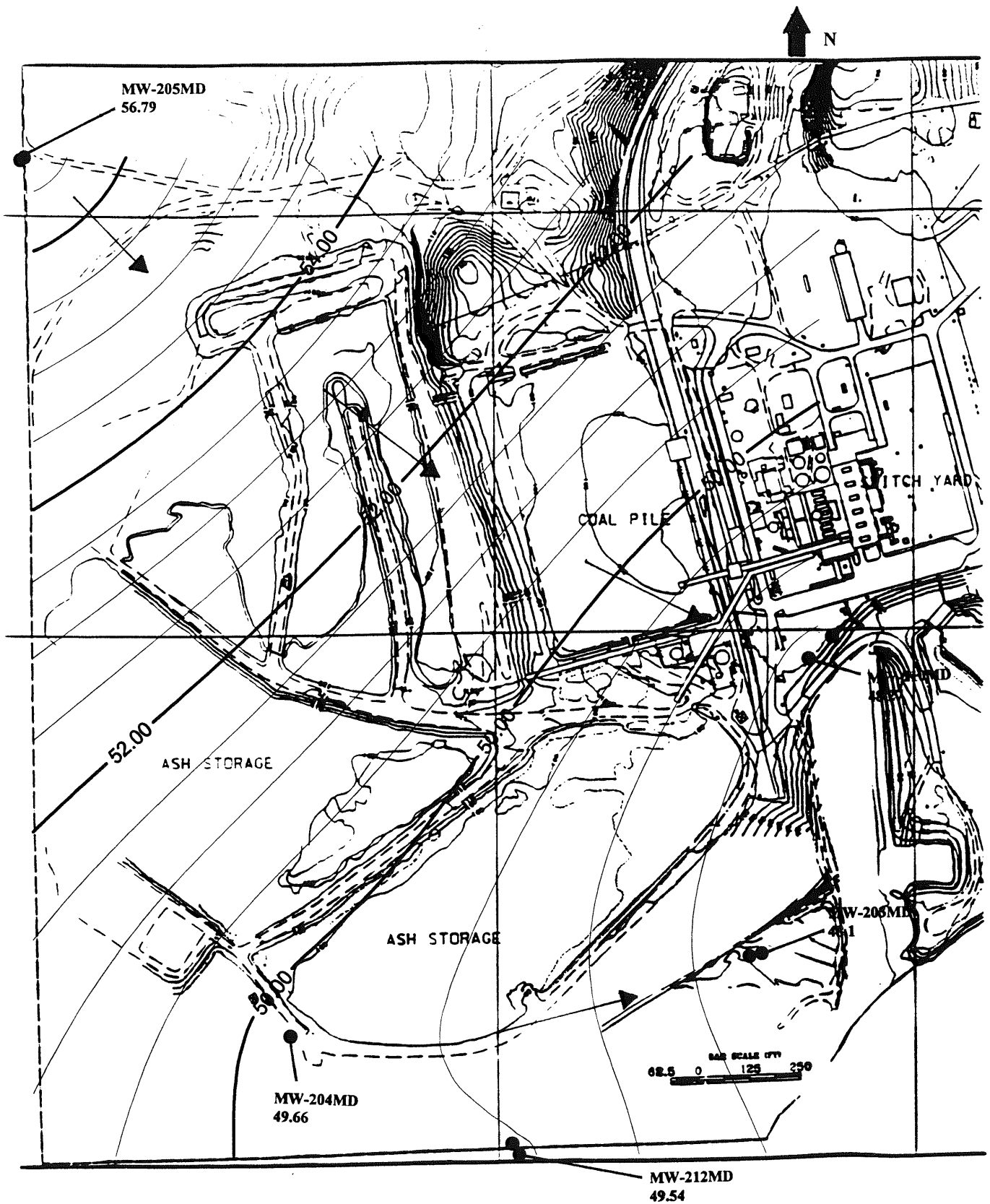
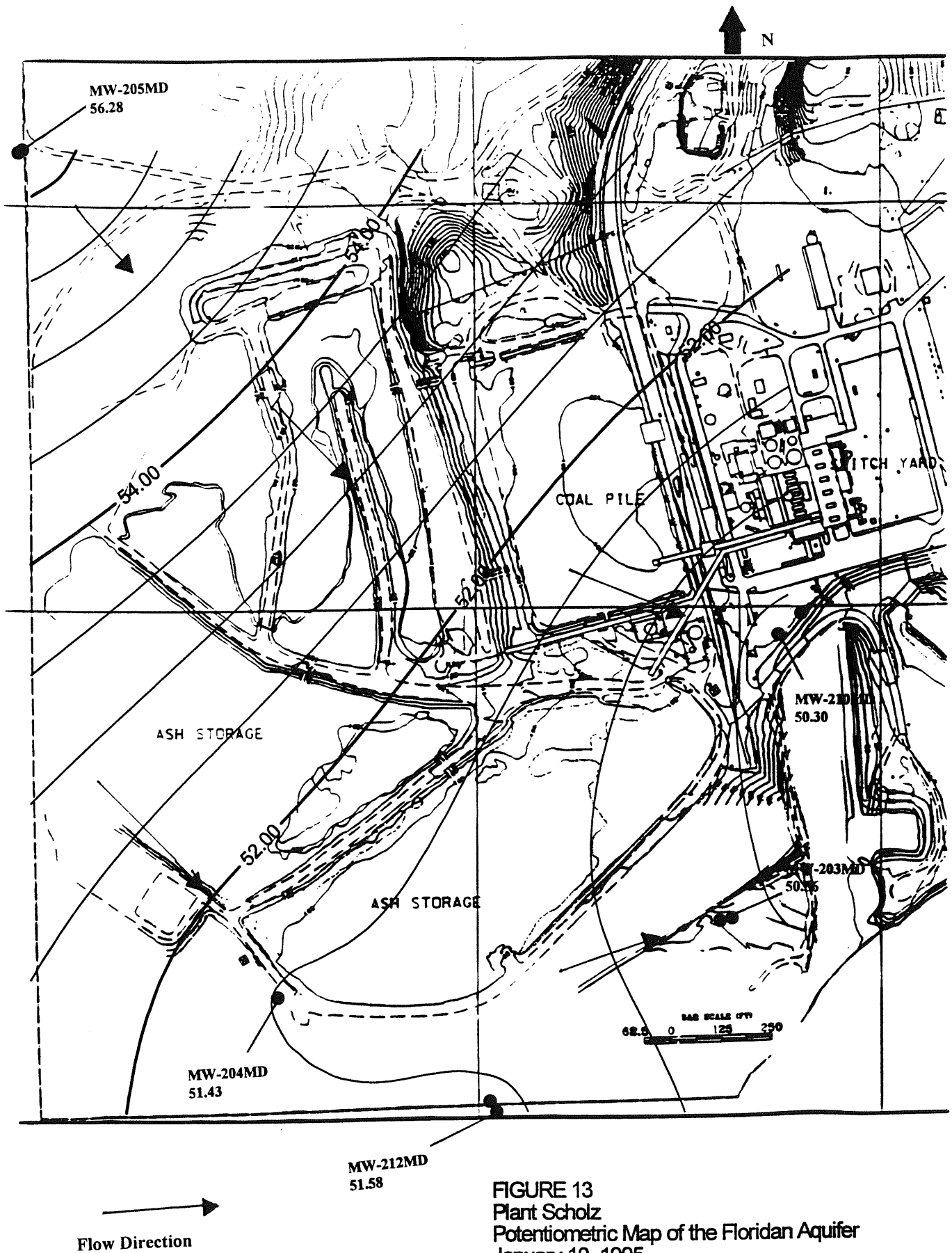


FIGURE 12
Plant Scholz
Potentiometric Map of the Floridan Aquifer
November 7, 1994



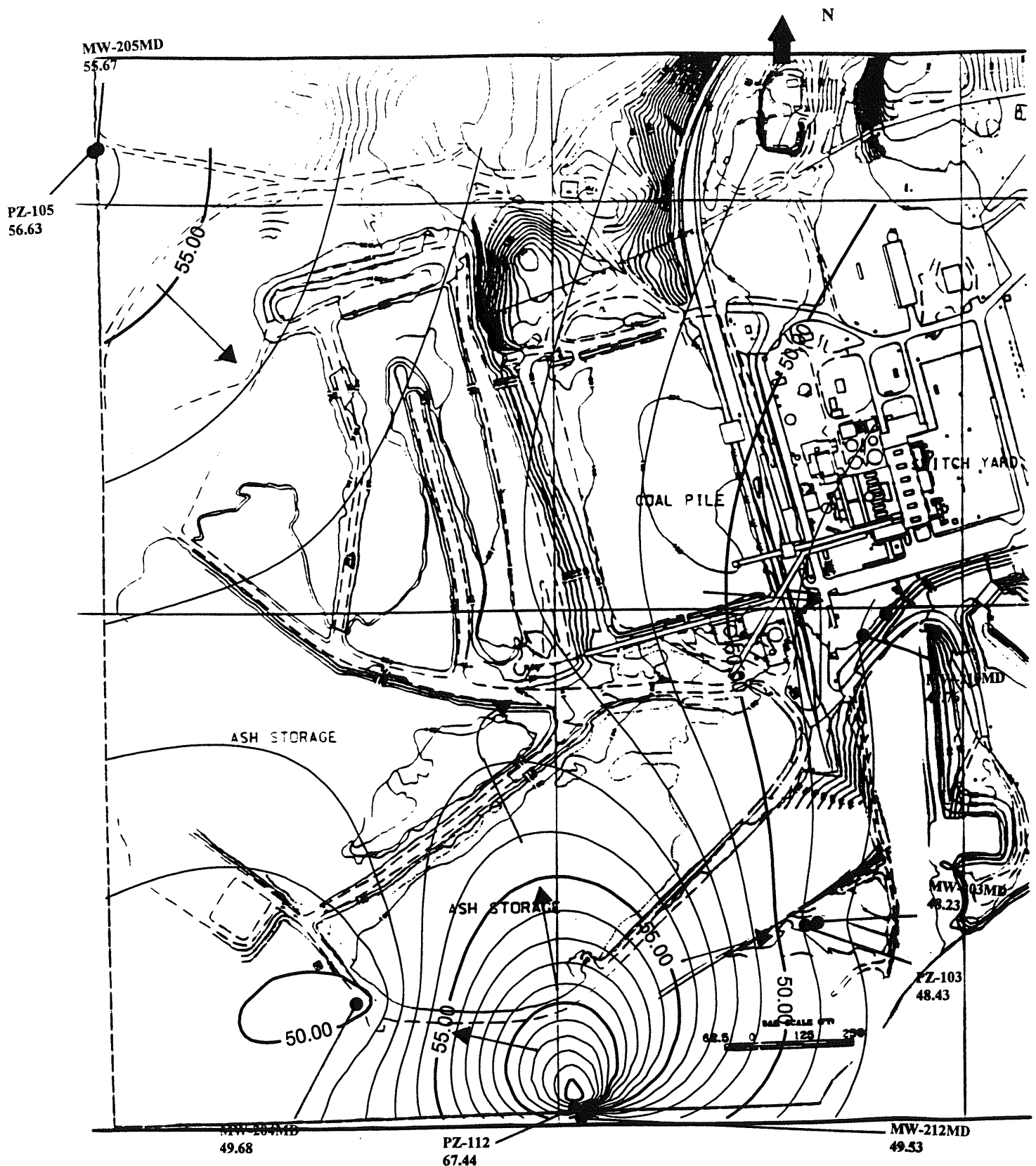


FIGURE 14
Plant Scholz
Potentiometric Map of the Floridan Aquifer
April 26, 1995



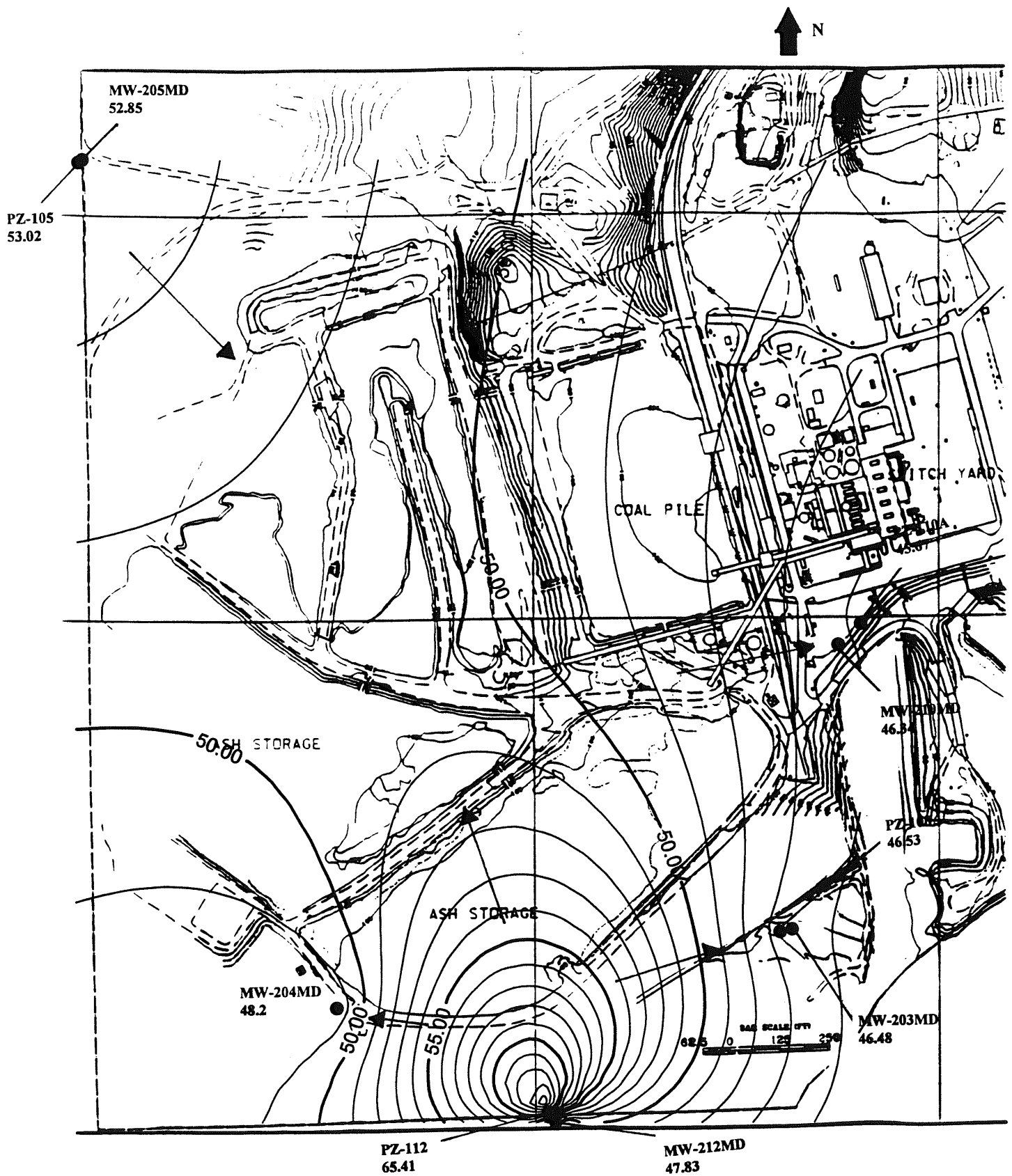


FIGURE 16
 Plant Scholz
 Potentiometric Map of the Floridan Aquifer
 October 17, 1995

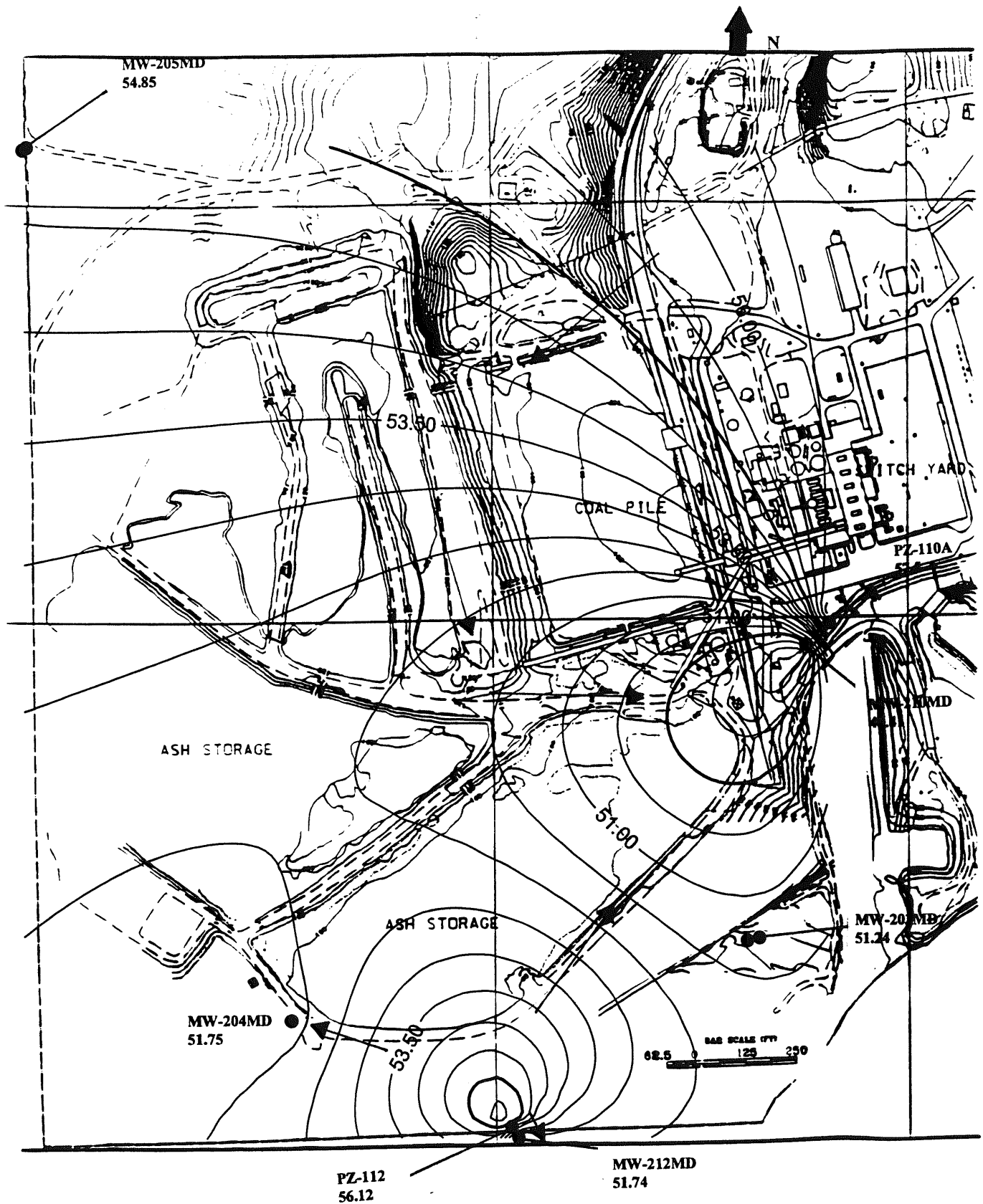


FIGURE 17
 Plant Scholz
 Potentiometric Map of the Floridan Aquifer
 January 11, 1996

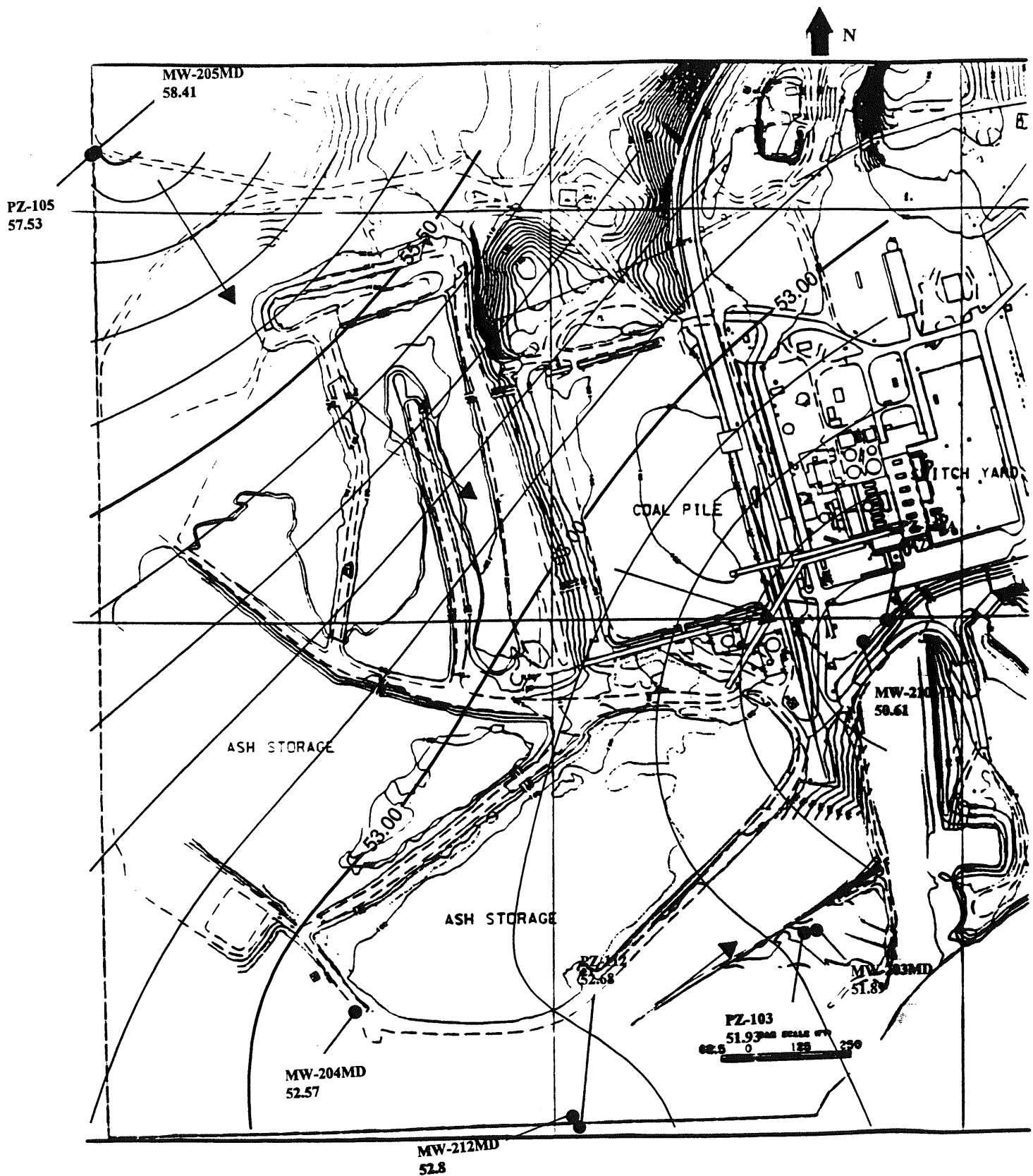


FIGURE 18
 Plant Scholz
 Potentiometric Map of the Floridan Aquifer
 April 11, 1996

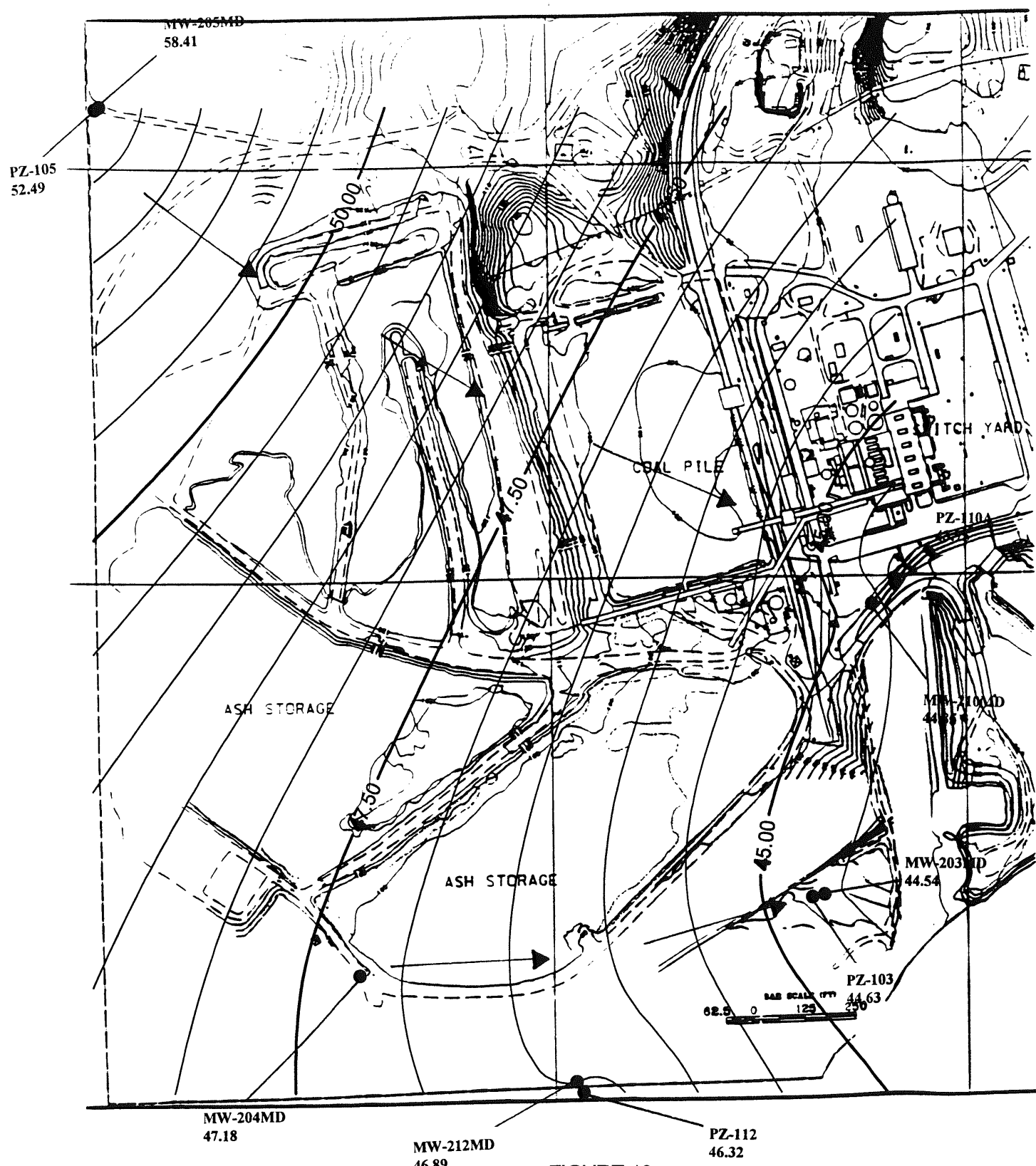


FIGURE 19
Plant Scholz
Potentiometric Map of the Floridan Aquifer
July 24, 1996

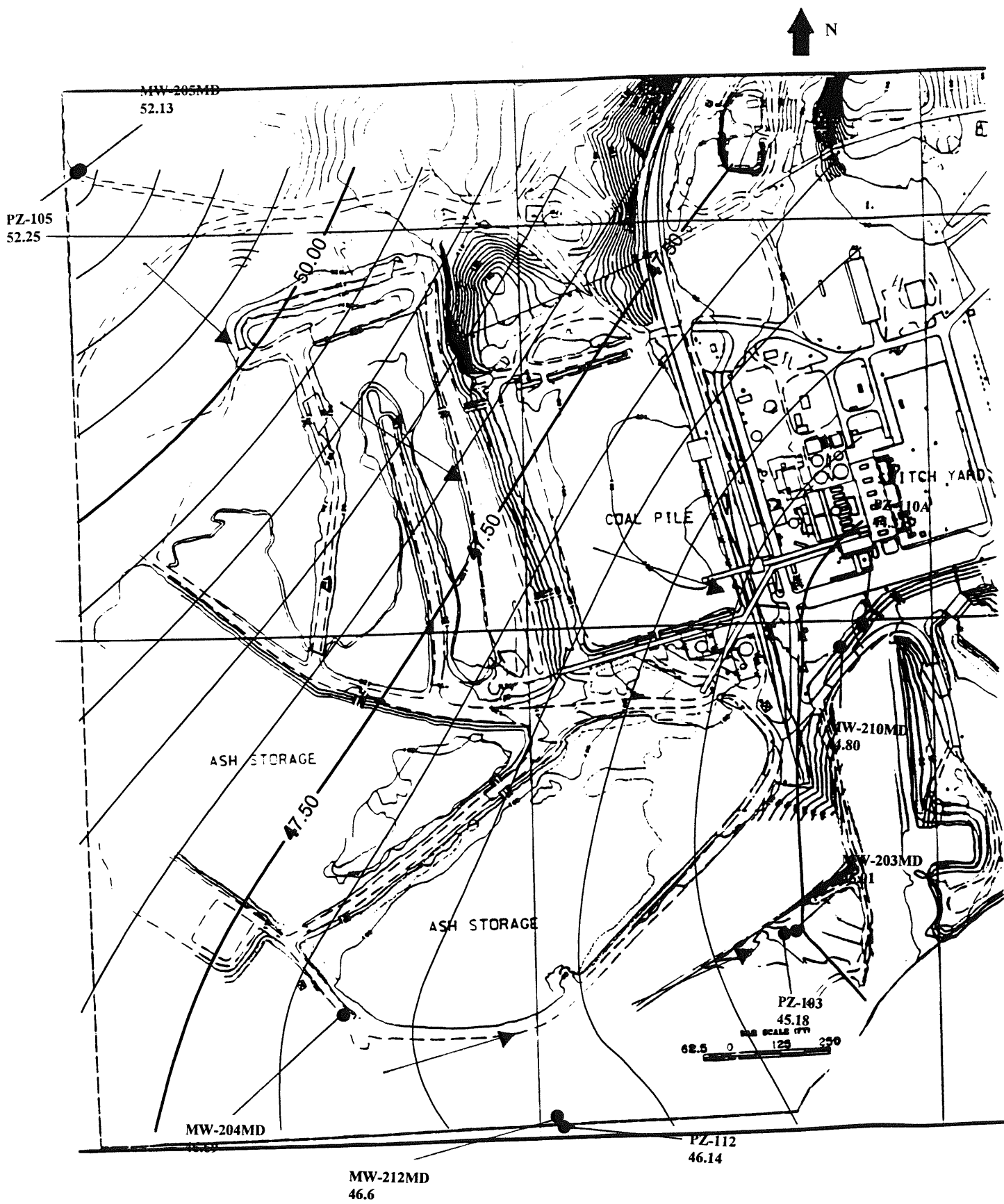


FIGURE 20
 Plant Scholz
 Potentiometric Map of the Floridan Aquifer
 November 13, 1996



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT,
REPAIR, MODIFY, OR ABANDON A WELL

- ☐ Southwest
☒ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River

THIS FORM **MUST** BE FILLED OUT COMPLETELY.

The water well contractor is responsible for completing this
form and forwarding the permit to the appropriate delegated
county where applicable.

CHECK BOX FOR APPROPRIATE DISTRICT. ADDRESS ON BACK OF PERMIT FORM.

Permit No. 171000162
Florida Unique I.D. _____
Permit Stipulations Required (See attached)
62-524 well ☐
CUP/ WUP Application No. _____
ABOVE THIS LINE FOR OFFICIAL USE ONLY

Fold at this line in order that address
is visible through envelope window

1. Owner, Legal Name of Entity if Corporation CHIEF POWER CO. INC. Address 32221 City IN. KE. MOORE Zip (904) 444-6573 Telephone Number
2. Well Location — Address, Road Name or Number, City CHIEF POWER CO. INC. 32221 City IN. KE. MOORE Zip 32460
3. Well Drilling Contractor DRILLING CONTRACTOR License No. 2343 Telephone No. (904) 477 5000
Address 217 E. BENTLEY AVE
City IN. KE. MOORE State FL Zip 32460
4. 1/4 of C-14 of Section 17N
(smallest) (biggest) (Indicate Well on Chart)
5. Township 34 Range 7W
6. County IN. KE. MOORE Subdivision Name _____ Lot _____ Block _____ UMR _____
7. Number of proposed wells 1 Check the use of well: (See back of permit for additional choices) _____ Domestic _____ Monitor (type) CHIEF POWER
_____ Irrigation (type) _____ Public Water Supply (type) _____ List Other _____
(See Back) (See Back)
Distance from septic system _____ ft. Description of facility POWER PLANT Estimated start of construction date 10-9-96
8. Application for: _____ New Construction _____ Repair/Modify X Abandonment REASON FOR ABANDONMENT
(Reason for Abandonment)
9. Estimated: Well Depth 18' Casing Depth 18' Screen Interval from _____ to _____
Casing Material: Blk-Steel / Gal (PVC) Casing Diameter 21" Seal Material PORTLAND TYPE I
10. If applicable: Proposed From _____ to _____ Seal Material _____
Grouting Interval From _____ to _____ Seal Material _____
From _____ to _____ Seal Material _____
11. Telescope Casing _____ or Liner _____ (check one) Diameter _____
Blk-Steel / Galvanized / PVC Other (specify: _____)
12. Method of Construction: X Rotary _____ Cable Tool _____ Combination _____
_____ Auger _____ Other (specify: _____)
13. Indicate total No. of wells on site _____ List number of unused wells on site _____
14. Is this well or any other well or water withdrawal on the owner's contiguous property covered
under a Consumptive Water Use Permit (CUP/WUP) or CUP/WUP Application? No Yes
(If yes, complete the following) CUP/WUP No. _____
District well I.D. No. _____
Latitude _____ Longitude _____
Data obtained from GPS _____ or map _____ or survey _____ (map datum NAD 27 _____ NAD 83 _____)
15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code,
and that a water use permit or artificial recharge permit, if needed, has been or will be obtained
prior to commencement of well construction. I further certify that all information provided on this
application is accurate and that I will obtain necessary approval from other federal, state, or local
government(s) if applicable. I agree to provide a well completion report to the District within 30 days
after drilling or the permit expiration, whichever occurs first.
I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my
responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well or, I certify that I am
the agent for the owner, that the information provided is accurate, and that I have informed the owner of his
responsibilities as stated above. Owner consents to personnel of the WMD or a representative access to the well site.

Signature of Contractor _____ License No. _____ Owner's or Agent's Signature _____ Date 10-8-96

DO NOT WRITE BELOW THIS LINE — FOR OFFICIAL USE ONLY

Approval Granted By: DRILLING CONTRACTOR Issue Date: 10/08/96 Hydrologist Approval _____
Owner Number: _____ Fee Received: \$ 10.00 Receipt No.: 7301 Check No.: 27787

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE
WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT,
REPAIR, MODIFY, OR ABANDON A WELL

- ☐ Southwest
☒ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River

THIS FORM **MUST** BE FILLED OUT COMPLETELY.

The water well contractor is responsible for completing this
form and forwarding the permit to the appropriate delegated
county where applicable.

CHECK BOX FOR APPROPRIATE DISTRICT ADDRESS ON BACK OF PERMIT FORM.

Permit No. P9700066
Florida Unique I.D. _____
Permit Stipulations Required (See attached)

62-524 well ☐
CUP/WUP Application No. _____

ABOVE THIS LINE FOR OFFICIAL USE ONLY

1. Gulf Power Co 500 BAN FROM KEW Pensacola FL 32501 Mike Meyer
Owner, Legal Name of Entity if Corporation Address City Zip Telephone Number
2. Gulf Power Plant SCHOLZ, Route 1 Box 234A SREADS FL 32460
Well Location — Address, Road Name or Number, City
3. Don C. Churchfield 2343 (904) 477-5000
Well Drilling Contractor License No. Telephone No.
217 E. Brent Lane
Address
Pensacola FL
City State Zip
4. B 1/4 of C 1/4 of Section 12
(smallest) (biggest) (Indicate Well on Chart)
5. Township 3N Range 7W
6. Jackson Subdivision Name CP Lot Block Unit
County Subdivision Name Lot Block Unit

7. Number of proposed wells _____ Check the use of well: (See back of permit for additional choices) _____ Domestic _____ Monitor (type) Groundwater
_____ Irrigation (type) _____ Public Water Supply (type) _____ List Other _____
(See Back)

Distance from septic system _____ ft. Description of facility Power Plant Estimated start of construction date 10-9-96

8. Application for: _____ New Construction _____ Repair/Modify X Abandonment Shrink Cap Date Stamp

9. Estimated: Well Depth 22 Casing Depth N/A
Casing Material: Blk-Steel / Gal PVC Casing Diameter 24

10. If applicable: Proposed From 0 to 22' Seal Material _____
Grouting Interval From _____ to _____ Seal Material _____
From _____ to _____ Seal Material _____

11. Telescope Casing _____ or Liner _____ (check one) Diameter _____
Blk-Steel / Galvanized / PVC Other (specify: _____)

12. Method of Construction: X Rotary _____ Cable Tool _____ Combination _____
Auger _____ Other (specify: _____)

13. Indicate total No. of wells on site _____ List number of unused wells on site _____

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered
under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? _____ No _____ Yes
(If yes, complete the following) CUP/WUP No. _____

District well I.D. No. _____
Latitude _____ Longitude _____
Data obtained from GPS _____ or map _____ or survey _____ (map datum NAD 27 _____ NAD 83 _____)

15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code,
and that a water use permit or artificial recharge permit, if needed, has been or will be obtained
prior to commencement of well construction. I further certify that all information provided on this
application is accurate and that I will obtain necessary approval from other federal, state, or local
government, if applicable, agree to provide a post-completion report to the District within 30 days
after drilling or the permit expiration, whichever occurs first.

I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my
responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am
the agent for the owner, that the information provided is accurate, and that I have informed the owner of his
responsibilities as stated above. Owner consents to personnel of the WMD or a representative access to the well site.

Signature of Contractor Don C. Churchfield License No. 2343 Owner's or Agent's Signature Mike Meyer Date 10-8-96

DO NOT WRITE BELOW THIS LINE — FOR OFFICIAL USE ONLY

Approval Granted By Don C. Churchfield Issue Date: 10/08/96 Hydrologist Approval _____

Owner Number: _____ Fee Received: \$ 10.00 Receipt No.: 7301 Check No.: 27787

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE
WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.

WHITE: ORIGINAL FILE
YELLOW: DRILLING CONTRACTOR



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- ☐ Southwest
☒ Northwest
☐ St. Johns River
☐ South Florida
☐ Suwannee River

THIS FORM **MUST** BE FILLED OUT COMPLETELY.

The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable.

CHECK BOX FOR APPROPRIATE DISTRICT ADDRESS ON BACK OF PERMIT FORM

Permit No. P9700067
 Florida Unique I.D. _____
 Permit Stipulations Required (See attached)

62-524 well ☐
 CUP/WUP Application No. _____

ABOVE THIS LINE FOR OFFICIAL USE ONLY

1. Gulf Power Co 500 Bay Front Pkwy Pensacola FL 32501 Mike Meyer (904) 444-6573
 Owner, Legal Name of Entity if Corporation Address City Zip Telephone Number

2. Gulf Power Plant Scholz, Route 1 Box 234A SNEADS FL 32460
 Well Location — Address, Road Name or Number, City

3. Don C. Churchfield 2343 (904) 477-5000
 Well Drilling Contractor License No. Telephone No.

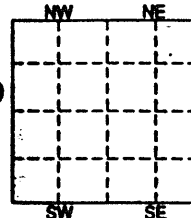
217 E. Brent Lane
 Address

Pensacola FL
 City State Zip

4. 1/4 of 12
 (smallest) (biggest) (Indicate Well on Chart)

5. Township 3N Range 7W

6. Jackson Subdivision Name Lot Block Unit



7. Number of proposed wells _____ Check the use of well: (See back of permit for additional choices) Domestic Monitor (type) Groundwater

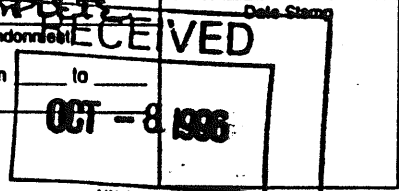
_____ Irrigation (type) Public Water Supply (type) _____ List Other _____

(See Back) Distance from septic system _____ ft. Description of facility _____ Estimated start of construction date 10-9-96

8. Application for: _____ New Construction _____ Repair/Modify X Abandonment Summary Complete
 (Reason for Abandonment)

9. Estimated: Well Depth 25' Casing Depth 18' Screen Interval from _____ to _____
 Casing Material: Blk-Steel / Gal / PVC Casing Diameter 4" Seal Material _____

If applicable: Proposed Grouting Interval From 0 to 25 Seal Material _____

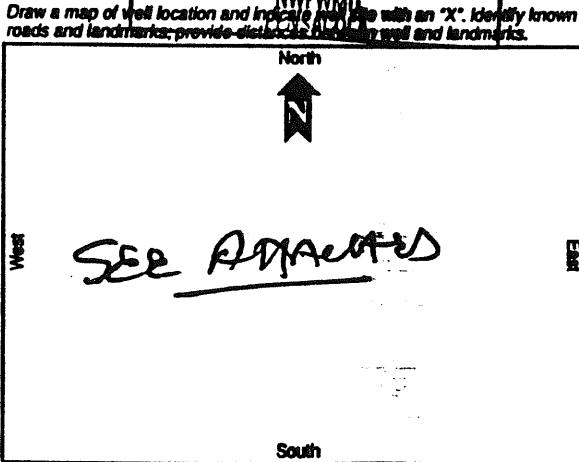


11. Telescope Casing _____ or Liner _____ (check one) Diameter _____
 Blk-Steel / Galvanized / PVC Other (specify: _____)

12. Method of Construction: X Rotary _____ Cable Tool _____ Combination _____
 Auger _____ Other (specify: _____)

13. Indicate total No. of wells on site _____ List number of unused wells on site _____

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? No Yes
 (If yes, complete the following) CUP/WUP No. _____
 District well I.D. No. _____
 Latitude _____ Longitude _____
 Data obtained from GPS _____ or map _____ or survey _____ (map datum NAD 27 _____ NAD 83 _____)



15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code, and that a water use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable, agree to provide a well completion report to the District within 30 days after drilling on the permit expiration, whichever occurs first.

I certify that I am the owner of the property, that the information provided is accurate and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of his responsibilities as stated above. Owner consents to personnel of the WMD or a representative access to the well site.

[Signature] 2343 [Signature] 10-8-96
 Signature of Contractor License No. Owner's or Agent's Signature Date

DO NOT WRITE BELOW THIS LINE -- FOR OFFICIAL USE ONLY

Approval Granted By: [Signature] Issue Date: 10/08/96 Hydrologist Approval _____
 Owner Number: _____ Fee Received: \$ 10.00 Receipt No.: 7301 Check No.: 27787

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.

WHITE: ORIGINAL FILE
 YELLOW: DRILLING CONTRACTOR
 PINK: OWNER

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

PERMIT # P9700065 CUP # _____ DID # _____

If permit is for multiple wells indicate the number of wells drilled 3

Indicate remaining wells to be cancelled 2

WATER WELL CONTRACTOR'S SIGNATURE [Signature] License # 2383

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

Grout	No. of Bags	From (Fl.)	To (Fl.)
Neat Cement:	<u>2 BAGS</u>	<u>0</u>	<u>18'</u>
Bentonite:			

WELL LOCATION: County Jackson

B 1/4 of C 1/4 of Section 12 Twp: 3N Rge: 7W

Latitude _____ Longitude _____

DATE STAMP

Official Use Only

Sketch of well location on property

↓ Wells

60

File Range

Give distances from septic tank and house or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED

Iron: _____ ppm Sulfate: _____ ppm

Chloride: _____ ppm

[] Lab Test [] Field Test Kit

Pump Type

[] Centrifugal [] Jet [] Submersible [] Turbine

Horsepower _____ Capacity _____ G.P.M. _____

Pump Depth _____ Fl. Intake Depth _____ Fl.

NWFWMD Form 114, Rev. 11/1/85

OWNER'S NAME GILF POWER Co.

COMPLETION DATE 10-10-96 Florida Unique I.D. _____

WELL USE: DEP/Public _____ Irrigation _____ Domestic _____ Monitor X

HRS Limited _____ 62-524 _____ Other _____

DRILL METHOD X Rotary [] Cable Tool [] Combination

[] Jet [] Auger Other _____

Measured Static Water Level 6 1/2' Measured Pumping Water Level _____
After _____ Hours at _____ A.P.M. Measuring Pt. (Describe): _____
Which is _____ Ft. [] Above [] Below Land Surface
Casing: [] Black Steel [] Galv. [] PVC Other _____

[] Open Hole [] Screen	Depth (Fl.)	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
Casing Diameter & Depth (Fl.)	From To	
Diameter <u>2"</u>		
From <u>11/1</u>		
To _____		
Diameter <u>2"</u>		
From <u>11/1</u>		
To _____		
Liner [] or Casing []		
Diameter _____		
From _____		
To _____		

Driller's Name: LARRY M. McATEE
(print or type)

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

PERMIT # P9700666 CUP # _____ DID # _____

If permit is for multiple wells indicate the number of wells drilled 3

Indicate remaining wells to be completed _____

WATER WELL CONTRACTOR'S
 NAME [Signature] License # 2343

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

Grout	No. of Bags	From (Fl.)	To (Fl.)
Neat Cement:	<u>2 BAG</u>	<u>0</u>	<u>22'</u>
Bentonite:			

WELL LOCATION: County Jackson

B 1/4 of C 1/4 of Section 12 Twp: 3N Rge: 7W

Latitude _____ Longitude _____

DATE STAMP

Official Use Only

Sketch of well location on property

Wells

Pit Plant

Give distances from septic tank and house or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED

Iron: _____ ppm Sulfate: _____ ppm

Chloride: _____ ppm

[] Lab Test [] Field Test Kit

Pump Type

[] Centrifugal [] Jet [] Submersible [] Turbine

Horsepower _____ Capacity _____ G.P.M. _____

Pump Depth _____ Ft. Intake Depth _____ Ft.

NWFWMD Form 114, Rev. 11/1/95

OWNER'S NAME GILF POWER Co

COMPLETION DATE 10-10-96 Florida Unique I.D. _____

WELL USE: DEP/Public _____ Irrigation _____ Domestic _____ Monitor X

HRS Limited _____ 62-524 _____ Other _____

DRILL METHOD X Rotary [] Cable Tool [] Combination

[] Jet [] Auger Other _____

Measured Static Water Level 15' Measured Pumping Water Level _____

After _____ Hours at _____ G.P.M. Measuring Pt. (describe): _____

Which is _____ Ft. [] Above [] Below Land Surface

Casing: [] Black Steel [] Galv. [] PVC Other _____

Casing Diameter & Depth (Fl.)	Depth (Fl.)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
	From	To	
Diameter <u>2"</u> From <u>N/A</u> To <u>N/A</u>			
Diameter <u>2"</u> From <u>N/A</u> To <u>N/A</u>			
Uner [] or Casing [] Diameter _____ From _____ To _____			

Driller's Name: LARRY MINATEW

(print or type)

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

PERMIT # P9700067 CUP/WUP # _____ DID # _____

If permit is for multiple wells indicate the number of wells drilled 3

Indicate remaining wells to be cancelled _____

WATER WELL CONTRACTOR'S SIGNATURE [Signature] License # 2363

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

Grout	No. of Bags	From (Ft.)	To (Ft.)
Neat Cement:	<u>5 BAG</u>	<u>0</u>	<u>33'</u>
Bentonite:			

WELL LOCATION: County Jackson

B 1/4 of C 1/4 of Section 12 Twp: 3N Rge: 7W

Latitude _____ Longitude _____

DATE STAMP

Official Use Only

Sketch of well location on property

↓ Wells

0 0 0

Pole Range

Give distances from septic tank and house or other reference points

CHEMICAL ANALYSIS WHEN REQUIRED

Iron: _____ ppm Sulfate: _____ ppm

Chloride: _____ ppm

[] Lab Test [] Field Test Kit

Pump Type

[] Centrifugal [] Jet [] Submersible [] Turbine

Horsepower _____ Capacity _____ G.P.M. _____

Pump Depth _____ Ft. Intake Depth _____ Ft.

OWNER'S NAME Gulf Power Co.

COMPLETION DATE 10-10-96 Florida Unique I.D. _____

WELL USE: DEP/Public _____ Irrigation _____ Domestic _____ Monitor X

HRS Limited _____ 62-524 _____ Other _____

DRILL METHOD X Rotary [] Cable Tool [] Combination [] Jet [] Auger [] Other _____

Measured Static Water Level 25' Measured Pumping Water Level _____

After _____ Hours at _____ G.P.M. Measuring Pt. (Describe): _____

Which is _____ Ft. [] Above [] Below Land Surface

Casing: [] Black Steel [] Galv. [] PVC Other _____

Casing Diameter & Depth (Ft.)	Depth (Ft.)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
	From	To	
Diameter <u>4"</u> From _____ To _____			
Diameter <u>4"</u> From _____ To _____			
Liner [] or Casing [] Diameter _____ From _____ To _____			

Driller's Name: LARRY M. MATEW
(print or type)

APPLICATION TO CONSTRUCT, REPAIR OR ABANDON A WELL

Marianna Field Office
4785 Peck Street
Marianna, FL 32448-0900
(904) 482-9522

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Route 1, Box 3099, Havana, Florida 32333-9700 (904) 539-5999
(U. S. Highway 90, 10 miles west of Tallahassee)

Pensacola Field Office
640 East Nine Mile Road
Pensacola, FL 32514-1448
(904) 484-5125

TYPE OR PRINT IN BLACK INK

1. Gulf Power Co. PO Box 1151 Pensacola FL 32501 MIKE MURPHY
OWNER, LEGAL NAME OF ENTITY IF CORPORATION MAILING ADDRESS CITY ZIP TELEPHONE #
444-6573

2. Check the Use of the Well

- ☐ Domestic (Self-Supplied) ☐ Landscape Irrigation ☐ Recreation Area Irrigation (ball fields, playgrounds) ☐ Aquaculture (fish ponds)
- ☐ Public Water Supply (DEP) ☐ Agricultural Irrigation (crops, sod, orchards, nursery stock) ☐ Golf Course Irrigation ☐ Industrial
- ☐ Community ☐ Non-Community ☐ Limited Use Public Supply (HRS) ☐ Nursery Irrigation (retail outlets only) ☐ Heat Pump (AC Supply) ☐ Test (temporary)
- ☒ Monitor (Describe Facility) Gulf Power Plant ☐ Heat Pump (AO Return) ☐ Other _____

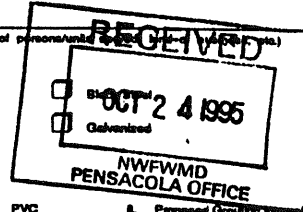
3. Description and number of units served: Route Plant

4. Application for:

- ☐ New Construction
☐ Repair
☒ Abandonment

5. Casing:

4 Diameter
172 Approximate Depth
Surface Casing Diameter



6. Pump Capacity None GPM

7. Screen: Length 172 Feet
Slot Size 172

☒ PVC

8. Proposed Grouting Interval

From 0 to 54'

9. Well Depth 54 Feet

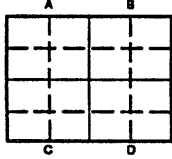
10. Method of Construction:

- ☒ Rotary ☐ Cable Tool ☐ Combination ☐ Auger ☐ Other _____

11. Gulf Power Plant SCHOLZ SITES FLA
Well Location, Address, Road Name or Number

12. Jackson County #3 Subdivision Name, Lot, Block, Unit

13. Quarter Section B
Indicate Well location in Chart



14. Section 12 Township 3N Range 7W

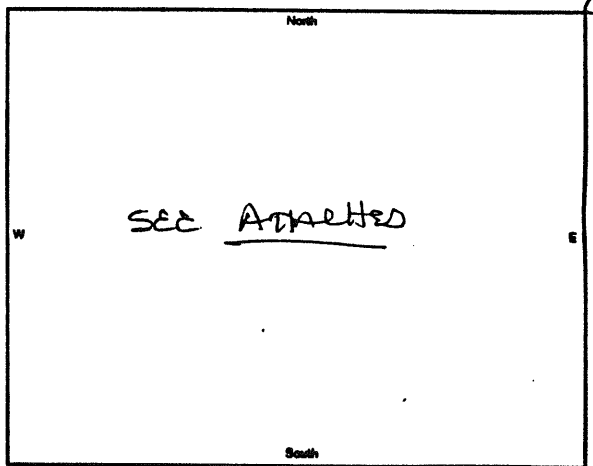
15. Minimum Distance from Septic Tank: _____ feet

16. On 6-inch wells and larger: Latitude _____ Longitude _____

17. Number of irrigation wells on site: Unknown
Casing Diameter(s) 1. _____ 2. _____ 3. _____ 4. _____

18. Number of abandoned wells on site: Unknown

19. Estimated start of construction date: 10-25-95



20. I CERTIFY THAT I WILL COMPLY WITH THE RULES OF CHAPTER 40A-3, FLORIDA ADMINISTRATIVE CODE, AND THAT A WATER USE PERMIT OR ARTIFICIAL RECHARGE PERMIT, IF NEEDED, HAS OR WILL BE OBTAINED PRIOR TO COMMENCEMENT OF WELL CONSTRUCTION. I FURTHER CERTIFY THAT ALL INFORMATION PROVIDED ON THIS APPLICATION IS ACCURATE AND THAT I WILL OBTAIN NECESSARY APPROVAL FROM OTHER FEDERAL, STATE, OR LOCAL GOVERNMENTS, IF APPLICABLE. I AGREE TO PROVIDE A WELL COMPLETION REPORT TO THE DISTRICT WITHIN 15 DAYS OF EXPIRATION OF THE PERMIT.

Signature of Contractor [Signature] License No. 2343

21. I CERTIFY THAT I AM THE OWNER OF THE PROPERTY, THAT THE INFORMATION PROVIDED ON WELL LOCATION AND OTHER EXISTING WELLS ON SITE IS ACCURATE, AND THAT I AM AWARE OF MY RESPONSIBILITIES UNDER CHAPTER 373, FLORIDA STATUTES, TO MAINTAIN OR PROPERLY ABANDON THIS WELL; or, I CERTIFY THAT I AM THE AGENT FOR THE OWNER, THAT THE INFORMATION PROVIDED IS ACCURATE, AND THAT I HAVE INFORMED THE OWNER OF HIS RESPONSIBILITIES AS STATED ABOVE.

Signature of Owner or Agent [Signature] OWNER OR AGENT'S SIGNATURE

22. Fee Received: \$ \$10.00 Receipt No. 4381 Check No. 26295 Permit Number P9600178-P9600183

Hydrogeologist Approval _____ CUP Application No. _____ CUP Permit No. _____ Temporary Permit No. _____

WELL PERMIT STANDARD CONDITIONS

- ☐ 1. Notify District 24 hours prior to well construction
- ☐ 2. Well casing must be completed 12 inches above grade
- ☐ 3. Contact local county Health Unit for additional construction and siting standards for this private well/Limited Use Public Supply Well.
- ☐ 4. Contact DEP for additional construction and siting standards for this Public supply well.
- ☐ 5. Contact DEP for additional construction and siting standards for this Monitor well.
- ☐ 6. See attached specific permit conditions.

[Signature] Signature, Authorized District Representative 10/27/95 Date Granted

Northwest Florida Water Management District WELL COMPLETION REPORT

OWNER: GULF POWER CO

Last Name First Name Initial

PO BOX 11151

Number Street

PENSACOLA AL0210A

City State

904 444 6573 32501

Area Code Phone Number Zip Code

WELL LOCATION:

% % % of Section 12

03 11 IN-SI 07 11 E-W

Township Range

Latitude Deg. Min. Sec. N

Longitude Deg. Min. Sec. W

Locate in Section

PLANT SEHOLZ

Number Street/Road

Lot No. Subdivision

SENECA JACARSON

City County

OWNER WELL NUMBER OR NAME: 81046

DRILL METHOD: ☒ Rotary ☐ Cable Tool ☐ Jet ☐ Auger

☐ Other

SURFACE CASING, CASING, AND LINER MATERIAL:

Steel Dia. (in.) Steel Dia. (in.) From To Schedule No Joints

Black Galv S Steel Wt. (lb./ft.) PVC Other (ft.) (ft.)

4 11 40

GROUT: ☐ None ☒ Neat Cement ☐ Other

Type and Percent of Additives and Grout Volume or Number of 94 lb. Sacks

8 SACKS 100 LBS TYPE 1

From (ft.) To (ft.)

0 58

FINISH: ☐ Open Hole ☐ Perforated or Slotted Casing ☐ Gravel Pack

☐ Sandpoint or Screen Attached to Well Casing ☐ Sandpoint or Screen

Telescoped with Packer Inside Casing (Packer Material)

Sandpoint/Screen Material

Dia (in.) Slot Size (in.) (ft.) (ft.)

4 11

☐ Other Finish:

QUALITY TEST: ☐ None ☐ Bacteria ☐ Chemical

By: ☐ Health Dept. ☐ USGS ☐ Other

☐ Clear ☐ Colored ☐ Sulphur ☐ Salty ☐ Iron ☐ Other

Conductance (Micromhos) Chloride ppm

Hardness pH Temp OF

ppm as calcium carbonate

Well Disinfected: ☐ No ☐ Yes (Date)

WELL TEST, by: ☐ Natural Flow ☐ GPM ☐ Lift

☐ Bailor ☐ Permanent Pump ☐ Test Pump ☐ None

Discharge Measured By: ☐ Bailor ☐ Estimated ☐ Current Meter

☐ Orifice ☐ Trajectory ☐ Venturi ☐ Volumetric ☐ Other

Measured Static Water Level ☐ - ☐ 23 Ft

Measured Pumping Water Level ☐ - ☐ Ft

After ☐ Hours At ☐ GPM

Specific Capacity ☐ G.P.M./Ft. of Drawdown

Measuring Pt. (Describe):

Which is ☐ Ft. ☐ Above ☐ Below Land Surface

Elevation of Measuring Pt. = ☐ Ft. ☐ Above ☐ Below MSL

WELL EQUIPMENT: ☐ Open ☒ Capped ☐ Valved

☐ Permanent Pump ☐ Temporary Pump

Type Pump: ☐ Centrifugal ☐ Cylinder ☐ Jet ☐ Submersible

☐ Turbine ☐ Other:

Power: ☐ Diesel ☐ Electric ☐ Gasoline ☐ Other:

Horsepower ☐ Capacity ☐ G.P.M.

Intake/Injection Depth ☐ Ft.

TYPE OF WORK:
☐ New Construction ☐ Repair
☐ Deepening ☒ Plugging
☐ Other:

PERMIT NUMBER:

P9600177

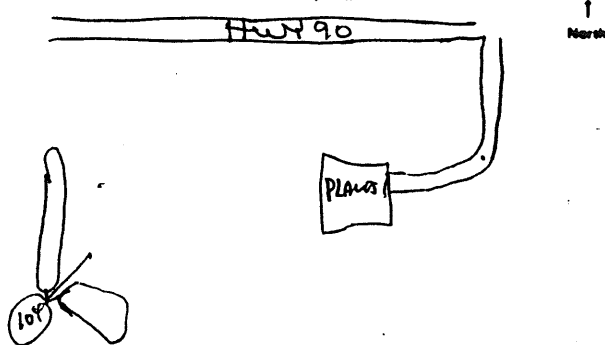
WELL NUMBER

110418

TYPE OF WELL: ☐ Water Well ☐ Test Well ☐ Recharge ☐ Drainage
☐ Waste Disposal ☐ Observation ☒ Other: MONITOR WELL

USE: ☐ Domestic ☐ Irrigation ☐ Industrial ☐ Livestock ☐ Public Supply
☒ Other: MONITOR GROUNDWATER

SKETCH LOCATION OF WELL in relation to local landmarks, giving distance and direction from nearest town, road, or other reference point.



GEOPHYSICAL LOGS: Type:

By:

WELL LOG

Examine cuttings at 20 ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.

Bore Hole (in.) Casing Size (in.) Depth (ft.)

From To

APPLICATION TO CONSTRUCT, REPAIR OR ABANDON A WELL

Marianna Field Office
4785 Pelt Street
Marianna, FL 32446-0000
(904) 482-9522

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
Route 1, Box 3099, Havana, Florida 32333-9700 (904) 539-5999
(U. S. Highway 90, 10 miles west of Tallahassee)

Pensacola Field Office
640 East Nine Mile Road
Pensacola, FL 32514-1448
(904) 484-6125

TYPE OR PRINT IN BLACK INK

1. GULF POWER Co. PO Box 1151 Pensacola FL 32501 M.KE MURPHY
OWNER, LEGAL NAME OF ENTITY IF CORPORATION MAILING ADDRESS CITY ZIP TELEPHONE # 444-6573

2. Check the Use of the Well

- ☐ Domestic (Self-Supplied) ☐ Landscape Irrigation ☐ Recreation Area Irrigation ☐ Aquaculture (fish ponds)
- ☐ Public Water Supply (DEP) ☐ Agricultural Irrigation ☐ Golf Course Irrigation ☐ Industrial
- ☐ Community ☐ Non-Community (crops, sod, orchards, nursery stock)
- ☐ Limited Use Public Supply (HRS) ☐ Nursery Irrigation (retail outlets only) ☐ Heat Pump (AC Supply) ☐ Test (Temporary)
- ☒ Monitor (Describe Facility) GULF POWER PLANT ☐ Heat Pump (AC Return) ☐ Other

3. Description and number of units served: Power Plant

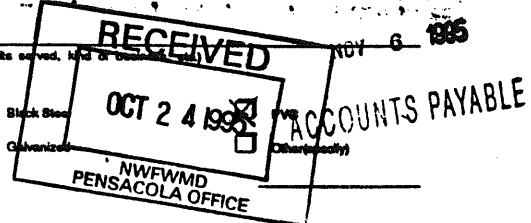
(specify residential, townhouse, condo, number of persons/units served, kind of business)

4. Application for:

- ☐ New Construction
☐ Repair
☒ Abandonment

5. Casing: 14 Diameter
NE Approximate Depth
Surface Casing Diameter

- ☐ Black Steel
☐ Galvanized



6. Pump Capacity None GPM

7. Screen: Length NE Feet
Slot Size NE

- ☒ PVC
☐ Stainless

8. Proposed Grouting Interval
From 0 to 54'
From to

9. Well Depth 54 Feet

10. Method of Construction:

- ☒ Rotary ☐ Cable Tool ☐ Combination

11. GULF POWER PLANT SCHOLZ STRADE FLA

Well Location: Address, Road Name or Number

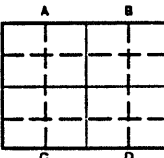
Draw map of well location. Indicate well site with "X", provide road names, landmarks, and distances.

12. Jackson
County

Subdivision Name, Lot, Block, Unit

13. Quarter Section

Indicate Well location in Chart



14. Section 12 Township 3N Range 7W

15. Minimum Distance from Septic Tank:
feet

16. On 6-inch wells and larger:

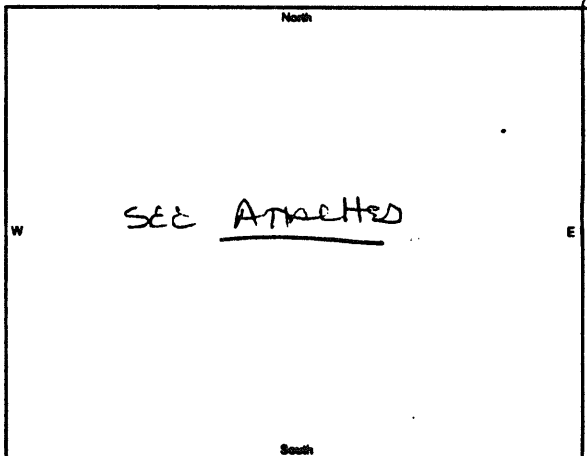
Latitude Longitude

17. Number of irrigation wells on site: Unknown

Casing Diameter(s) 1. 2. 3. 4.

18. Number of abandoned wells on site: Unknown

19. Estimated start of construction date: 10-25-95



20. I CERTIFY THAT I WILL COMPLY WITH THE RULES OF CHAPTER 40A-3, FLORIDA ADMINISTRATIVE CODE, AND THAT A WATER USE PERMIT OR ARTIFICIAL RECHARGE PERMIT, IF NEEDED, HAS OR WILL BE OBTAINED PRIOR TO COMMENCEMENT OF WELL CONSTRUCTION. I FURTHER CERTIFY THAT ALL INFORMATION PROVIDED ON THIS APPLICATION IS ACCURATE AND THAT I WILL OBTAIN NECESSARY APPROVAL FROM OTHER FEDERAL, STATE, OR LOCAL GOVERNMENTS, IF APPLICABLE. I AGREE TO PROVIDE A WELL COMPLETION REPORT TO THE DISTRICT WITHIN 15 DAYS OF EXPIRATION OF THE PERMIT.

Signature of Contractor [Signature] License No. 4346

21. I CERTIFY THAT I AM THE OWNER OF THE PROPERTY, THAT THE INFORMATION PROVIDED ON WELL LOCATION AND OTHER EXISTING WELLS ON SITE IS ACCURATE, AND THAT I AM AWARE OF MY RESPONSIBILITIES UNDER CHAPTER 373, FLORIDA STATUTES, TO MAINTAIN OR PROPERLY ABANDON THIS WELL; or, I CERTIFY THAT I AM THE AGENT FOR THE OWNER, THAT THE INFORMATION PROVIDED IS ACCURATE, AND THAT I HAVE INFORMED THE OWNER OF HIS RESPONSIBILITIES AS STATED ABOVE.

OWNER OR AGENT'S SIGNATURE [Signature]

22. Fee Received: \$ \$10.00 Receipt No. 4354 Check No. 26295 Permit Number P9600177

Hydrogeologist Approval Initials CUP Application No. CUP Permit No. Temporary Permit No.

WELL PERMIT STANDARD CONDITIONS

- ☐ 1. Notify District 24 hours prior to well construction
- ☐ 2. Well casing must be completed 12 inches above grade
- ☐ 3. Contact local county Health Unit for additional construction and siting standards for this private well/Limited Use Public Supply Well.
- ☐ 4. Contact DEP for additional construction and siting standards for this Public supply well.
- ☐ 5. Contact DEP for additional construction and siting standards for this Monitor well.
- ☐ 6. See attached specific permit conditions.

Signature, Authorized District Representative [Signature] Date Granted 10/27/95

AB

PERMIT NO. P9600178

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL COMPLETION REPORT NEW DOMESTIC SELF-SUPPLIED WELLS, 4 INCHES OR LESS

SEC 12 ^{1/4} SEC 3N R 7W COUNTY JACKSON

OWNER Gulf Power Co. ADDRESS Plant Scholz, Sneads Fla

CASING SIZE 2" CASING TYPE PVC CASING DEPTH 11

TOTAL DEPTH 15 GROUT AMT. (94 lb. bags) 1 GROUT INTERVAL From: 0 To: 15'

STATIC WATER LEVEL 4 1/2' TYPE PUMP none From: To:

WELL FINISH: OPEN HOLE NI SCREENED NI OTHER From: To:

LICENSE HOLDER SIGNATURE AND NUMBER: [Signature] 2343

COMMENTS: _____

DATE: 10-30-95 CONSTRUCTION PERMIT _____

REPAIR _____

X ABANDONMENT CONDITIONS: _____

NWFWMD Form No. 70

NWFWMD Form No. 70

PERMIT NO. P9600179 Domestic X Monitor
Landscaping Other

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL COMPLETION REPORT NEW DOMESTIC SELF-SUPPLIED WELLS, 4 INCHES OR LESS

EC 12 1/4 SEC T 3n R 7W COUNTY JACKSON

OWNER Gulf Power Co. ADDRESS Plant Scholz, Sneads Fla

casing size 2" casing type PVC casing depth NI

total depth 9 grout amt. (94 lb. bags) 1/2 grout interval

From: 0 To: 9'

static water level None type pump None From: To:

well finish: open hole NI screened NI other

license holder signature and number [Signature] 2343

comments:

date: 10-30-95 construction permit

 repair

X abandonment conditions:

NWFWMD Form No. 70

PERMIT NO. P9600180 _____ X Monitor
_____ Domestic Landscape _____ Other

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL COMPLETION REPORT NEW DOMESTIC SELF-SUPPLIED WELLS, 4 INCHES OR LESS

SEC 12 ^{1/4} SEC _____ T 3N R 7W COUNTY JACKSON

OWNER Gulf Power Co. ADDRESS Plant Scholz, Sneads Fla

CASING SIZE 2" CASING TYPE PVC CASING DEPTH NI

TOTAL DEPTH 16 GROUT AMT. (94 lb. bags) 1 GROUT INTERVAL _____
From: 0 To: 16'

STATIC WATER LEVEL 12' TYPE PUMP NONE From: _____ To: _____

WELL FINISH: OPEN HOLE NI SCREENED NI OTHER _____

LICENSE HOLDER SIGNATURE AND NUMBER [Signature] 2343

COMMENTS: _____

DATE: 10-30-95 _____ CONSTRUCTION PERMIT _____
_____ REPAIR _____
X _____ ABANDONMENT CONDITIONS: _____

NWEWMD Form No. 70

PERMIT NO. P9600181 Domestic X Monitor
Landscape Other

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL COMPLETION REPORT NEW DOMESTIC SELF-SUPPLIED WELLS, 4 INCHES OR LESS

SEC 12 1/4 SEC T 3n R 7W COUNTY JACKSON

OWNER Gulf Power Co. ADDRESS Plant Scholz, Sneads Fla

CASING SIZE 2" CASING TYPE PVC CASING DEPTH NI

TOTAL DEPTH 14 GROUT AMT. (94 lb. bags) 1 GROUT INTERVAL From: 0 To: 14'

STATIC WATER LEVEL 5' TYPE PUMP None From: To:

WELL FINISH: OPEN HOLE NI SCREENED NI OTHER NI

LICENSE HOLDER SIGNATURE AND NUMBER: [Signature] 2343

COMMENTS: _____

DATE: 10-30-95 CONSTRUCTION PERMIT _____

REPAIR _____

X ABANDONMENT CONDITIONS: _____

NWEWMD Form No. 70

PERMIT NO. P9600182 ☐ Domestic ☒ Monitor
Landscape ☐ Other

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL COMPLETION REPORT NEW DOMESTIC SELF-SUPPLIED WELLS, 4 INCHES OR LESS

SEC 12 1/4 SEC 3N T 3N R 7W COUNTY JACKSON

OWNER Gulf Power Co. ADDRESS Plant Scholz, Sneads Fla

CASING SIZE 2" CASING TYPE PVC CASING DEPTH NI

TOTAL DEPTH 15 GROUT AMT. (94 lb. bags) 1 GROUT INTERVAL 0 To: 15'

STATIC WATER LEVEL NONE TYPE PUMP NONE From: 0 To: 15'

WELL FINISH: OPEN HOLE NI SCREENED NI OTHER NI

LICENSE HOLDER SIGNATURE AND NUMBER: [Signature] 2343

COMMENTS: _____

DATE: 10-30-95 CONSTRUCTION PERMIT _____

REPAIR _____

☒ ABANDONMENT CONDITIONS: _____

NWFWMD Form No. 70

PERMIT NO. P9600183 ☐ Domestic ☒ Monitor
Landscape ☐ Other

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL COMPLETION REPORT NEW DOMESTIC SELF-SUPPLIED WELLS, 4 INCHES OR LESS

SEC 12 1/4 SEC 3N T 3N R 7W COUNTY JACKSON

OWNER Gulf Power Co. ADDRESS Plant Scholz, Sneads Fla

CASING SIZE 2" CASING TYPE PVC CASING DEPTH NI

TOTAL DEPTH 20 GROUT AMT. (94 lb. bags) 1 GROUT INTERVAL 0 To: 20'

STATIC WATER LEVEL 15' TYPE PUMP NONE From: 0 To: 20'

WELL FINISH: OPEN HOLE NI SCREENED NI OTHER NI

LICENSE HOLDER SIGNATURE AND NUMBER: [Signature] 2343

COMMENTS: _____

DATE: 10-30-95 CONSTRUCTION PERMIT _____

REPAIR _____

☒ ABANDONMENT CONDITIONS: _____

NWFWMD Form No. 70

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520
Telephone 904 444-6111

ENG 10-2-1-4
Scholz Groundwater



Gulf Power

the southern electric system

December 30, 1996

HAND DELIVERED

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

RECEIVED

DEC 30 1996

Northwest Florida
DEP

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the Groundwater Monitoring Reports for the fourth quarter of 1996 for the above referenced facilities. Please note the following:

Plant Crist

The gross alpha and the combined radium 226 and radium 228 concentrations were elevated in wells MW-4S and MW-4D. We are continuing our investigation to determine the reason for these elevated readings. In addition, the lead and gross alpha concentrations were elevated in well MW-1P. The turbidity was 1000 NTU when this well was sampled and was almost dry when sampling was completed. Confirmation sampling has been scheduled and those results will be reported as soon as they are received.

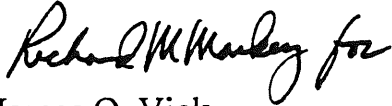
Mr. Bobby Cooley, P. E.
December 30, 1996
Page Two

Plant Scholz

Well 210S was dry when the wells were sampled. This well has been scheduled for re-sampling in January.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard M. Markey for".

James O. Vick
Supervisor of Environmental Affairs
jn
Enclosure

cc: John Dominey
Stan Houston
Lewis Jeffers
Colen Lee
Mike Markey
Joe Martin
Joe Neese
Kenton Peacock

Florida Department of Environmental Regulation

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

DER Form # 17-522.600(2)
Form Title GROUND WATER MONITORING REPORT
Effective Date
DER Application No.

GROUND WATER MONITORING REPORT

Rule 17-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Gulf Power Company - Scholz Plant
Address Rt. 1 Box 234A
City Sneads, FL Zip 32460
Telephone Number (904) 444-6429
- (2) The GMS Identification Number 1032P37371
- (3) DER Permit Number I032-189371
- (4) Authorized Representative Name James O. Vick
Address P. O. Box 1151
City Pensacola, FL Zip 32520-0328
Telephone Number (904) 444-6429
- (5) Type of Discharge Electric Utility
- (6) Method of Discharge Ash Pond

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: 12/30/96

Richard M. Markey for Jim Vick
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization Comp QAP # 890142G
- Analytical Lab Comp QAP #/HRS Certification # 890142G
- *Comp QAP #/HRS Certification # 890142G
- Lab Name Savannah Laboratory
- Address 900 Lakeside Drive, Mobile, AL 36693-5118
- Phone Number (334) 666-6633

RECEIVED

DEC 31 1996

Florida

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

MS# 1032P37371
Monitoring Well: 203S
Well Name 1032A13170
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918
Sample Date 11/13/96
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 48.53

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	0.018	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.2	11/21 11:26	7.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	52	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	3.8	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	34	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	280	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	9.1	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	0.0060	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	4.6+/-3.6	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	500	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	13	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	14.25	Ft.	0.01 Ft.

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

SMS# 1003P37371

Monitoring Well: 203MD

Well Name 1032A13165

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 45.01

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	6.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	2.4	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	3.8	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	34	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	250	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.7	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	0.26	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	460	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	2.1	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	18.12	Ft.	0.01 Ft.

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

3MS# 10032P37371

Monitoring Well: 204S

Well Name 1032A13171

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 98.09

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	13	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	8.0	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	1.4	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	120	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	370	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	0.81	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	6.0+/-3.9	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	580	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	18	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	9.80	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 204MD

Well Name 1032A13166

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 46.69

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	5.3	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	0.30	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	4.9	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	140	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	0.5	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	250	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	17	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	61.32	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well : 205S

Well Name 1032A13172

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 118.73

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	5.1	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	0.2	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	1.8	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	12	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	5.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	34	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	4.2	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	15.52	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well: 205MD

Well Name 1032A13167

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 52.13

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	0.026	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	4.3	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	0.230	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	2.7	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	120	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.6	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	0.14	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	280	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	18.0	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	82.93	Ft.	0.01 Ft.

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

SMS# 10032P37371

Monitoring Well: 210S

Well Name 1032A13173

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 93.5

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	Dry well	Dry well	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7			mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3			mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7			mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7			mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3			mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1			mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1			Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7			mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7			mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B			mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B			mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B			mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900			pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1			pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904			pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900			pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1			umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1			NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP			Ft.	0.01 Ft.

This well was dry.

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

GMS# 10032P37371

Monitoring Well : 210MD

Well Name 1032A13168

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 44.8

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	28	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	94	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	2.0	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	1500	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	2000	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.1	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	<1.0*F65	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	0.17*	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	2400	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	0.55	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	49.62	Ft.	0.01 Ft.

*The nickel concentration in the confirmation sample was 0.20 mg/l. Please see cover letter.

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

GMS# 10032P37371

Monitoring Well : 212MD

Well Name 1032A13169

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 46.68

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	6.4	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	0.057	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	31	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	230	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	7.6	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	330	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	7.8	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	28.4	Ft.	0.01 Ft.

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

SMS# 10032P37371

Monitoring Well: WSW-2

Well Name 1032A11454

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	11/27 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	11/21 11:26	21	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	11/27 11:00	<0.030	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	11/27 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	11/19 12:00	7.2	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	11/19 15:30	170	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	7.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	11/27 11:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	11/27 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	11/25 18:38	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	11/21 14:30	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	11/26 15:50	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/28 22:15	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/28 22:15	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	360	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	1.1	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	N/A	Ft.	0.01 Ft.

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

Monitoring Well : 103

Classification of Groundwater Class II

Sample collection (Y/N) Yes

Sample Date 11/13/96

() Site Boundary

() Compliance

Ground Water Elevation

(ABOVE MSL) 45.18

[illegible]

[illegible]

PARAMETER MONITORING REPORT

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

GMS# 10032P37371

Monitoring Well : 110A

Well Name 1032A11458

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type	()	Background
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() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation
(ABOVE MSL) 44.31

[illegible]

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

MS# 10032P37371

Monitoring Well : 112

Well Name 1032A11459

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-05918

Sample Date 11/13/96

Well Type	()	Background
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() **Site Boundary**

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 46.14

[illegible]

File ENA 10-2-1-4

RMM

Scholz Groundwater

JHN



Guilford Power

STICK POSTAGE STAMPS TO ARTICLES
CERTIFIED MAIL FEE, AND CHARGES FOR RETURN
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4. If you want delivery restricted to the addressee, write "RESTRICTED DELIVERY" on the front of the article
5. Enter fees for the services requested in the appropriate boxes on the card
6. Save this receipt and present it if you make inquiry

September 25, 1996

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the third quarter 1996 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Crist

The gross alpha and the combined radium 226 and radium 228 concentrations were elevated in well MW-4D. We are continuing our investigation to determine the reason for these elevated readings.

Plant Scholz

Well 203S had elevated concentrations of chromium and lead in the original sample collected on 07/24/96. The confirmation sample, however, had a lead concentration of <0.0050 mg/l, and a <0.010 mg/l concentration of chromium.

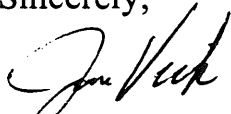
Mr. Bobby Cooley, P. E.
September 25, 1996
Page Two

Well 210MD had a nickel concentration of 0.14 mg/l when sampled on 07/24/96. The confirmation sample collected on 09/04/96 had a nickel concentration of 0.20 mg/l. Gulf Power Company believes this is due to the presence of nickel in the natural formation material above the Floridan Aquifer. For more information, please see the cover letters of the second and third quarterly groundwater reports in 1995.

Well 210S was dry on 07/24/96, when the other wells were sampled. However it was successfully sampled when Savannah Laboratories returned for the confirmation sampling on 09/04/96.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,



James O. Vick
Supervisor of Environmental Affairs

jn

Enclosure

cc: John Dominey
Stan Houston
Lewis Jeffers
Colen Lee
Mike Markey
Joe Martin
Joe Neese
Kenton Peacock

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAINE STONE ROAD
TALLAHASSEE, FLORIDA 32301-0241



BOB GRAMAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371

DATE _____

DER PERMIT / 1032-189371

GULF POWER COMPANY - SCHOLZ PLANT

Installation Name

RT. 1 BOX 234A

SNEADS,

FL 32460

JACKSON

Address

City

State Zip

County

JAMES O. VICK

SUPERVISOR OF ENVIRONMENTAL AFFAIR
Title

Owner or Authorized Representative's Name

Method of Discharge ASH POND

Type of Industry ELECTRIC UTILITY

Report for Period July 1, 1996 to September 30, 1996
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

James O. Vick
Owner or Authorized Representative's Signature

9/25/96
Date

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

JMS# 1032P37371

Savannah Labs Log # M6-03787

Monitoring Well : 203S

Sample Date 07/24/96

Well Name 1032A13170

Well Type ()

Background

Classification of Groundwater Class II

()

Site Boundary

Well Developed Prior to

()

Intermediate

Sample collection (Y/N) Yes

(X)

Compliance

Ground Water Elevation
(ABOVE MSL) 47.28

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	0.14*	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	8.1	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	190	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	3.0	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	23	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	210	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	75	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	0.062	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	0.044*	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	0.00030	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	0.0037	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	4.0+/-4.1	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	4.6+/-2.8	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	430	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	780	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	15.5	Ft.	0.01 Ft.

*Confirmation sampling was conducted on 09/04/96 and the concentration of lead and chromium in the sample was below their respective detection limits of 0.0005 mg/l and 0.01 mg/l.

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

SMS# 1003P37371

Monitoring Well: 203MD

Well Name 1032A13165

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 44.54

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	6.6	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	1.2	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	0.48	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	28	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	200	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	0.29	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	540	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	42	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	18.59	Ft.	0.01 Ft.

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

MS# 1003P37371

Monitoring Well: 203MD

Well Name 1032A13165

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 44.54

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	6.6	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	1.2	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	0.48	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	28	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	200	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	0.29	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	540	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	42	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	18.59	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 204S

Well Name 1032A13171

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type ()

()

(X)

()

Background

Site Boundary

Intermediate

Compliance

Ground Water Elevation

(ABOVE MSL) 97.98

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	12	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	9.0	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	1.5	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	120	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	360	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	0.52	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	700	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	11	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	9.91	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 204MD

Well Name 1032A13166

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 47.18

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	7.4	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	1.10	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	0.049	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	4.7	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	140	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	1.8	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	0.021	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	270	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	27	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	60.83	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well: 205S

Well Name 1032A13172

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 117.34

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	5.7	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	0.36	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	1.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	21	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	5.7	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	0.16	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	40	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	3.2	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	16.91	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 205MD

Well Name 1032A13167

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 52.36

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	4.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	0.051	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	1.8	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	120	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	200	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	3.9	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	82.7	Ft.	0.01 Ft.

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

WMS# 10032P37371

Monitoring Well: 210S

Well Name 1032A13173

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-04603

Sample Date 09/04/96*

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 84.38

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	09/13 10:16	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	09/13 10:16	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	09/12 08:42	6.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	09/13 10:16	1.0	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	09/13 10:16	0.69	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	09/18 16:30	80.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	09/11 10:10	520	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	09/13 10:16	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	09/13 10:16	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	09/13 10:16	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	09/12 11:34	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	09/10 11:33	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	09/18 09:32	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	09/18 09:32	5.8+/-5.5	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	870	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	30.4	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	9.12	Ft.	0.01 Ft.

This well was dry on 07/24/96, when the other wells were sampled, but was successfully sampled on 09/04/96, when the confirmation samples for wells 203s and 210MD were collected.

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

MS# 10032P37371

Monitoring Well: 210MD

Well Name 1032A13168

Classification of Groundwater Class II

Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 44.85

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	23	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	57	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	1.50	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	1100	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	1600	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	0.14*	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	2100	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	10	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	49.57	Ft.	0.01 Ft.

*The nickel concentration in the confirmation sample was 0.20 mg/l. Please see cover letter.

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

MS# 10032P37371

Monitoring Well : 212MD

Well Name 1032A13169

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 46.89

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	6.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	0.59	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	0.041	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	29	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	200	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	7.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	0.90	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	360	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	28	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	28.19	Ft.	0.01 Ft.

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

JMS# 10032P37371

Monitoring Well: WSW-2

Well Name 1032A11454

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	08/12 12:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08/07 10:00	18	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	08/12 12:00	<0.030	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	08/12 12:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07/29 14:30	2.7	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07/29 11:50	170	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	08/12 12:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	08/12 12:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	3113B	08/11 22:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	SM3112B	08/09 10:15	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	SM3114B	08/17 13:35	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/07/96	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/07/96	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	320	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	1.7	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	N/A	Ft.	0.01 Ft.

[illegible]

PARAMETER MONITORING REPORT

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

GMS# 10032P37371

Monitoring Well : 105

Well Name 1032A11457

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
() Site Boundary

() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 52.49

[illegible]

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

MS# 10032P37371

Monitoring Well : 110A

Well Name 1032A11458

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
 () Site Boundary

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 43.75

[illegible]

22

Savannah Labs Log # M6-03787

Sample Date 07/24/96

Well Type () Background
 () Site Boundary

() Intermediate

() Compliance

(ABOVE MSL) 46.32

[illegible]

ENV 10-2-1-4

Scholz Groundwater

Rmm

JHN



Gulf Power

June 5, 1996

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the second quarter 1996 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith

The gross alpha concentration, and the combined concentrations of radium 226 and radium 228 were elevated in compliance well M-3 during this sampling event.

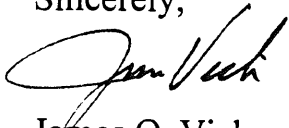
Plant Crist

The combined radium 226 and radium 228 concentrations were elevated in well MW-4D. We are continuing our investigation to determine the reason for this elevated reading.

Mr. Bobby Cooley, P. E.
June 6, 1996
Page Two

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Vick", written over the printed name.

James O. Vick
Supervisor of Environmental Affairs
jn
Enclosure

cc: John Dominey
Stan Houston
Lewis Jeffers
Colen Lee
Mike Markey
Joe Martin
Pat Parker
Kenton Peacock
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIN STONE ROAD
TALLAHASSEE, FLORIDA 32301-0241



BON GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371

DATE JUNE 11, 1996

DER PERMIT / I032-189371

GULF POWER COMPANY - SCHOLZ PLANT

Installation Name

RT. 1 BOX 234A

SNEADS,

FL 32460

JACKSON

Address

City

State Zip

County

JAMES O. VICK

SUPERVISOR OF ENVIRONMENTAL AFFAIR

Owner or Authorized Representative's Name

Title

Method of Discharge ASH POND

Type of Industry ELECTRIC UTILITY

Report for Period April 1, 1996

to June 30, 1996

date

date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

[Signature]
Owner or Authorized Representative's Signature

6/11/96
Date

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

GMS# 1032P37371

Monitoring Well # 203S

Well Name 1032A13170

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896

Sample Date 04/11/96

Well Type () Background

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation
(ABOVE MSL) 57.16

ORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
0210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
0211	Chromium	Pump	N	EPA 200.7	04/26 11:00	0.011	mg/l	0.010 mg/l
0940	Chloride	Pump	N	EPA 325.3	04/17 10:37	10	mg/l	1.0 mg/l
04010	Iron	Pump	N	EPA 200.7	04/29 17:00	54	mg/l	0.03 mg/l
0220	Manganese	Pump	N	EPA 200.7	04/26 11:00	3.1	mg/l	0.010 mg/l
0945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	14	mg/l	1.0 mg/l
0304	TDS	Pump	N	EPA 160.1	04/12 10:00	260	mg/l	5.0 mg/l
	pH	Pump	N	EPA 150.1	Field	6.4	Std. Units	0.1 Std.Units
01105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	2.6	mg/l	0.10 mg/l
01067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
0212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
0213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
0214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
01515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
09501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
01501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
03515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
00095	Specific Conductance	Pump	N	EPA 120.1	Field	480	umhos/cm	5.0 umhos/cm
02078	Turbidity	Pump	N	EPA 180.1	Field	330	NTU	0.10 NTU
02545	Water Level	Probe	N	EPA SOP	Field	5.62	Ft.	0.01 Ft.

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

J# 0032P37371
Monitoring Well 204MD
Well Name 1032A13166
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 52.57

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	4.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	0.17	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	6.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	150	mg/l	5.0 mg/l
0400	pH	Pump	N	EPA 150.1	Field	7.2	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	0.33	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	250	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	11	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	55.44	Ft.	0.01 Ft.

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

0032P37371
Monitoring Well 205S
Well Name 1032A13172
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 125.57

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	4.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	0.41	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	1.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	29	mg/l	5.0 mg/l
0400	pH	Pump	N	EPA 150.1	Field	5.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	0.15	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	62	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	4.9	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	8.68	Ft.	0.01 Ft.

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

JS# 0032P37371
Monitoring Well 205MD
Well Name 1032A13167
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 58.41

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	3.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	0.064	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	1	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	120	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	Field	8.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	0.12	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	210	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	16.0	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	76.65	Ft.	0.01 Ft.

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

S# 0032P37371
Monitoring Well 210S
Well Name 1032A13173
Classification of Groundwater Class II
Well Developed Prior to Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 83.35

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	9.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	0.60	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	1.0	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	210	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	700	mg/l	5.0 mg/l
0400	pH	Pump	N	EPA 150.1	Field	7.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	0.012	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	7.8+/-6.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	1100	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	10	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	10.15	Ft.	0.01 Ft.

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

AS# 0032P37371
Monitoring Well 210MD
Well Name 1032A13168
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 51.24

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	13	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	23	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	0.70	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	580	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	980	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	Field	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	0.087	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	1200	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	9.5	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	43.18	Ft.	0.01 Ft.

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

IS# 0032P37371
Monitoring Well 212MD
Well Name 1032A13169
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 52.88

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	7.1	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	0.52	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	0.027	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	48	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	270	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	Field	7.2	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	0.80	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	430	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	31	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	22.2	Ft.	0.01 Ft.

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

IS# 0032P37371
Monitoring Well WSW-2
Well Name 1032A11454
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896
Sample Date 04/11/96
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	04/26 11:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	04/17 10:37	18	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	04/29 17:00	<0.030	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	04/26 11:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	04/22 12:15	12	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	04/12 10:00	170	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	Field	7.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	04/26 11:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	04/26 11:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	04/24 23:15	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	04/24 15:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	04/26 11:40	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	04/25 19:06	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	04/25 19:06	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	330	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	1.6	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	N/A	Ft.	0.01 Ft.

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

Sample collection (Y/N) Yes

(ABOVE MSL) 51.93

[illegible]

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

IS# 0032P37371

Monitoring Well 105

Well Name 1032A11457

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896

Sample Date 04/11/96

Well Type	()	Background
	()	Site Boundary

() **Site Boundary**

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 57.53

[illegible]

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

GMS# 0032P37371

Monitoring Well 110A

Well Name 1032A11458

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896

Sample Date 04/11/96

Well Type () Background
() Site Boundary

() **Site Boundary**

() Intermediate

() **Compliance**

Ground Water Elevation

(ABOVE MSL) 50.72

[illegible]

PARAMETER MONITORING REPORT

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

GMS# 0032P37371

Monitoring Well 112

Well Name 1032A11459

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-01896

Sample Date 04/11/96

Well Type	()	Background
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() **Site Boundary**

() Intermediate

() **Compliance**

Ground Water Elevation

(ABOVE MSL) 52.68

[illegible]

ENR 10-2-1-4

Scholz Groundwater

Scholz



March 26, 1996

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the first quarter 1996 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith

The gross alpha, and the combined concentrations of radium 226 and radium 228 in compliance well M-3 were elevated during this sampling event.

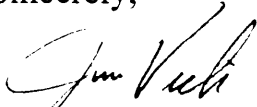
Plant Crist

The gross alpha, and the combined radium 226 and radium 228 concentrations were elevated in well MD-4D. We are continuing our investigation to determine the reason for this elevated reading.

Mr. Bobby Cooley, P. E.
March 22, 1996
Page Two

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,



James O. Vick
Supervisor of Environmental Affairs
jn
Enclosure

cc: Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Mike Markey
Joe Martin
Pat Parker
Kenton Peacock
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-0241



BON GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CHS / 1032P37371

DATE FEBRUARY 23, 1996

PERMIT / 1032-189371

GULF POWER COMPANY - SCHOLZ PLANT

Installation Name

RT. 1 BOX 234A

SNEADS,

FL 32460

JACKSON

Address

City

State Zip

County

JAMES O. VICK

SUPERVISOR OF ENVIRONMENTAL AFFAIR

Owner or Authorized Representative's Name

Title

Method of Discharge ASH POND

Industry ELECTRIC UTILITY

Report for Period JANUARY 1996
date

to MARCH 1996
date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature of Authorized Representative's Signature

Date

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

GMS# 1032P37371

Monitoring Well # 203S

Well Name 1032A13170

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation

(ABOVE MSL) 52.58

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	0.016	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	6.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	54	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	4.2	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	38	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	290	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	9.4	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	0.0067	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	3.6+/-5.1	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	4.3+/-3.3	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	490	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	290	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	10.2	Ft.	0.01 Ft.

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

GMS# 1003P37371

Monitoring Well: 203MD

Well Name 1032A13165

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 51.24

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	6.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	6.2	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	0.85	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	33	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	250	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	0.74	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	370	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	57	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	11.89	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well : 204S

Well Name 1032A13171

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 98.8

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	13	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	8.2	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	1.3	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	140	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	390	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.6	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	0.51	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	5.7+/-3.7	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	550	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	22	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	9.09	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 204MD

Well Name 1032A13166

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 51.75

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	0.011	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	5.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	2.0	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	0.072	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	7.6	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	160	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	3.7	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	220	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	44	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	56.26	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well : 205S

Well Name 1032A13172

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 118.4

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	5.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	5.1	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	0.043	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	3.1	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	36	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	5.3	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	2.2	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	0.0057	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	30	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	21	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	15.85	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 205MD

Well Name 1032A13167

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 54.85

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	0.015	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	3.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	0.430	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	0.025	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	1.8	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	130	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.2	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	0.72	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	170	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	30.0	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	80.21	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 210S

Well Name 1032A13173

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 82.87

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	9.7	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	0.49	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	1.5	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	210	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	790	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.6	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	5.6+/-6.2	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	620	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	9.2	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	10.63	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 210MD

Well Name 1032A13168

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 48.41

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	17	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	36	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	1.1	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	830	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	1400	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	0.082	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	1400	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	30	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	46.01	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: 212MD

Well Name 1032A13169

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 51.82

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	6.4	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	0.23	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	0.014	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	41	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	250	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	7.6	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	0.37	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	330	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	4.4	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	23.26	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well: WSW-2

Well Name 1032A11454

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	01/22 14:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	01/18 10:57	25	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	01/22 14:00	<0.030	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	01/22 14:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	01/17 16:30	2.3	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	01/16 14:00	180	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.3	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	01/22 14:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	01/22 14:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	01/25 17:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	01/19 11:10	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	01/26 11:48	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	01/29 10:33	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	01/29 10:33	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	260	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	1.1	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	N/A	Ft.	0.01 Ft.

PARAMETER MONITORING REPORT

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

GMS# 10032P37371

Monitoring Well : 103

Well Name 1032A11455

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type	()	Background
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() Site Boundary

() Intermediate

() Compliance

(X) Water Level

Ground Water Elevation

(ABOVE MSL) 14.24

[illegible]

[illegible]

Savannah Labs Log # M6-00256
Sample Date 01/11/96
Well Type () Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 57.5

[illegible]

PARAMETER MONITORING REPORT

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

GMS# 10032P37371

Monitoring Well : 112

Well Name 1032A11459

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M6-00256

Sample Date 01/11/96

Well Type	()	Background
	()	Site Boundary

() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 38.27

[illegible]

ENG 10-2-1-4
Sc Ground

~~RAAT~~
~~JGV~~
JAN



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CERTIFIED MAIL FEE, AND CHARGES FOR ANY SELF**

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5. Enter fees for the services requested in the appropriate return receipt is requested, check the applicable block.
6. Save this receipt and present it if you make inquiry.

December 28, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the fourth quarter 1995 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith

The gross alpha, radium 226 and 228 concentrations in compliance well M-3 were above the standard. The gross alpha and radium 226 concentrations in compliance well M-4 were above the standard.

Plant Crist

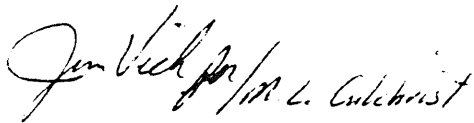
Nine inches of rain from Hurricane Opal, followed by a flash flood that dropped an additional nine inches of rain at the Crist Plant during the first week in November, made the roads to the monitoring wells 3S, 3D, 4S, and 4D impassable. Savannah Laboratory's sampling personnel could not collect samples from these wells until December. Consequently, the results from the radium 226 & 228 sampling have

Mr. Bobby Cooley, P. E.
December 28, 1995
Page Two

not been received. Those results will be submitted under separate cover as soon as they are received.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jim Vick for Mr. L. Culchrest".

jn
Enclosure

cc: Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Bill Lyford
Mike Markey
Pat Parker
Kenton Peacock
Rachel Terry
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIN STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BON GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371

DATE DECEMBER 7, 1995

DER PERMIT / 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name

ROUTE 1 BOX 234A

SNEADS

FL 32524

JACKSON

Address

City

State Zip

County

M.L. GILCHRIST

MANAGER OF FUEL & ENVIRONMENTAL

Owner or Authorized Representative's Name

Title

Method of Discharge ASH POND

of Industry ELECTRIC UTILITY

Report for Period OCTOBER 1995 to DECEMBER 1995
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

John V. Scholze / M.L. Gilchrist
Owner or Authorized Representative's Signature

12/28/95
Date

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

MS# 10032P37371
Monitoring Well 210S
Well Name 1032A13173
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949
Sample Date 10/17/95
Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 84.07

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	13	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	0.94	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	2.1	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	260	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	670	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	5.7+/-5.4	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	700	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	7.8	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	9.43	Ft.	0.01 Ft.

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

SMS# 10032P37371

Monitoring Well 210MD

Well Name 1032A13168

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 46.34

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	17	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	39	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	1.1	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	810	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	1300	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	0.20	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	0.11	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	1400	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	21	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	48.08	Ft.	0.01 Ft.

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

GMS# 10032P37371
Monitoring Well WSW-2
Well Name 1032A11454
Classification of Groundwater Class II
Well Developed Prior to Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949
Sample Date 10/17/95
Well Type ☐ Background
☐ Site Boundary
☐ Intermediate
☒ Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	19	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	0.038	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	11	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	170	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	7.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	300	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	0.93	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	N/A	Ft.	0.01 Ft.

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

GMS# 10032P37371
Monitoring Well 105
Well Name 1032A11457
Classification of Groundwater
Well Developed Prior to
Sample collection (Y/N)

Class II

Yes

Savannah Labs Log # M5-05949
Sample Date 10/17/95
Well Type () Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 53.02

[illegible]

PARAMETER MONITORING REPORT

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

MS# 10032P37371

Monitoring Well 112

Well Name 1032A11459

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type	()	Background
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() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 47.56

[illegible]

PARAMETER MONITORING REPORT

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

MS# 10032P37371

Monitoring Well 110A

Well Name 1032A11458

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type () Background

() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation
(ABOVE MSL) 45.67

[illegible]

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

GMS# 1032P37371

Monitoring Well # 203S

Well Name 1032A13170

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type () Background

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation

(ABOVE MSL) 48.27

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	11	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	38	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	3.0	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	28	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	220	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	5.7	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	500	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	240	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	14.51	Ft.	0.01 Ft.

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

GMS# 1003P37371
Monitoring Well 203MD
Well Name 1032A13165
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949
Sample Date 10/17/95
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 46.48

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	6.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	1.8	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	0.76	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	45	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	250	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	1.4	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	380	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	41	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	16.65	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well 204S

Well Name 1032A13171

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type () Background

() Site Boundary

(X) Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 98.37

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	0.011	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	14	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	16	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	1.5	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	130	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	390	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	6.7	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	0.0068	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	5.2+/-6.7	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	0.76+/-0.07	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	6.6+/-3.7	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	600	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	170	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	9.52	Ft.	0.01 Ft.

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

GMS# 10032P37371

Monitoring Well 204MD

Well Name 1032A13166

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation

(ABOVE MSL) 48.2

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	5.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	1.7	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	0.055	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	6.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	140	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	3.2	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	240	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	49	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	59.81	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well 205S

Well Name 1032A13172

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation

(ABOVE MSL) 117.07

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	5.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	3.9	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	0.029	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	3.9	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	24	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	5.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	1.6	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	40	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	28	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	17.18	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well 205MD

Well Name 1032A13167

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 52.85

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	4.1	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	0.150	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	2.7	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	120	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	8.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	0.20	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	200	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	29.0	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	82.21	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well 103

Well Name 1032A11455

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type	()	Background
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() Site Boundary

() Intermediate

() Compliance

(X) Water Level

Ground Water Elevation

(ABOVE MSL) 46.53

[illegible]

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

MS# 10032P37371

Monitoring Well 212MD

Well Name 1032A13169

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-05949

Sample Date 10/17/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 47.91

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	10/27 12:40	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	10/27 12:40	0.018	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	10/26 11:07	7.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	10/27 12:40	4.5	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	10/27 12:40	0.12	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	10/25 08:45	45	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	10/20 10:20	230	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	Field	7.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	10/27 12:40	7.4	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	10/27 12:40	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	10/27 12:40	0.0063	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	10/30 12:45	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	10/31 13:05	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	11/03 01:55	<3.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	11/03 01:55	<4.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	Field	330	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	Field	300	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	Field	27.17	Ft.	0.01 Ft.

Gulf Power Company
600 Baymont Parkway
Post Office Box 1161
Pensacola, FL 32502-0008
Telephone 904 444-6236

~~Ready~~
~~JAN~~
~~JAN (1997)~~
File ENG 10-2-1-4
SC Ground



Gulf Power

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

October 25, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -
Plant Scholz - Permit No. FL 000 2283

Enclosed are the results of the confirmation sampling of MW 210MD. The third quarter 1995 Groundwater Monitoring Report showed there was an elevated gross alpha concentration in the above mentioned well. The confirmation sample showed a concentration below the minimum detection limit of 3.0 pCi/l.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

Jim Vukobratovic
M.L. Gilchrist

jn
Enclosure

cc: Mike Markey
Pat Parker
Kenton Peacock
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAINE STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BON GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371

DATE _____

DER PERMIT / 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name

ROUTE 1 BOX 234A SNEADS FL 32524 JACKSON
Address City State Zip County

M.L. GILCHRIST MANAGER OF FUEL & ENVIRONMENTAL
Owner or Authorized Representative's Name Title

Method of Discharge ASH POND

Type of Industry ELECTRIC UTILITY

Report for Period July 01, 1995 to September 30, 1995
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

[Signature]
Owner or Authorized Representative's Signature

10/25/95
Date

PART III ANALYTICAL RESULTS

Facility GMS#: 1032P37371

Sample Date/Time: 09/13/95 1557

Test Site ID#: _____

Report Period: 1995 3
(year/quarter)

Well Name: 210MD

Well Purged (Y/N): Yes

Classification of Groundwater:

Well Type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

Groundwater Elevation(NGVD): 45.65

(MSL): _____

[illegible]

*** Attach Laboratory Reports**

Florida Department of
Environmental Protection
Pensacola, FL 32503-1028
Telephone 904-644-6236

Scholz
File ENC 10-2-1-4
Sc ~~Drat~~ Ground 
Gulf Power

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

September 29, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the third quarter 1995 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Crist

In accordance with Specific Condition 38 of our permit, all wells were sampled for Nitrate during the July 1995 sampling event. No elevated Nitrate levels were encountered. Therefore, Nitrate will not be included on subsequent sampling events.

In reference to well MW-4D, the combined Radium 226 (4.0 ± 0.17 pCi/l) and 228 (15 ± 0.86 pCi/l) level was above the State of Florida standard. As required by Specific Condition 46, Gulf Power Company notified your office on September 7, 1995 to set up a meeting. The meeting was held on September 20, 1995 and it was agreed that gamma ray logs would be run at the Crist Plant to ensure that levels encountered in MW-4D were not a result of thin clay layers where the well screen was set. It was also stated in our meeting that the Department would be notified prior to logging of the wells at the plant.

During the new well installation, additional lithologic information was acquired. The new lithologic information has been used to update cross sections BB', CC', DD', & EE', as required in Specific Condition 37. These cross-sections have been included in this submittal.

Bobby Cooley, P. E.
September 29, 1995
Page Two

Plant Scholz

There was a elevated gross alpha detected in MW-210MD. The radium 226 result was below detection. The well was re-sampled, however, that result has not been received. It will be submitted as soon as it is available.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

Jim Vick for M.C. Gilchrist

jn
Enclosure

cc: Rachel Allen
Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Bill Lyford
Mike Markey
Pat Parker
Kenton Peacock
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



BON GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

TWIN TOWERS OFFICE BUILDING
3600 BLAIN STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371 DATE

DER PERMIT / 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name

ROUTE 1 BOX 234A

SNEADS

FL 32524

JACKSON

Address

City

State Zip

County

M.L. GILCHRIST

MANAGER OF FUEL & ENVIRONMENTAL

Owner or Authorized Representative's Name

Title

Method of Discharge ASH POND

Industry ELECTRIC UTILITY

Report for Period July 01, 1995 to September 30, 1995
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Jim Vach for M.L. Gilchrist
or Authorized Representative's Signature

9/21/95
Date

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

GMS# 1032P37371

Monitoring Well # 203S

Well Name 1032A13170

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260

Sample Date 07/26/95

Well Type () Background

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation

(ABOVE MSL) 47.37

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	0.048	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	15	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	84	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	3.2	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	20	mg/l	1.0 mg/l
70304	TDS	Pump	N	EPA 160.1	07.28 /16:30	230	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	field	6.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	19	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	0.027	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	0.0110	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	4.5+/-3.1	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	450	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	91	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	15.41	Ft.	0.01 Ft.

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

1003P37371
Monitoring Well 203MD
Well Name 1032A13165
Classification of Groundwater Class II
Well Developed Prior to Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 44.37

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	5.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	9.7	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	0.58	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	36	mg/l	1.0 mg/l
70304	TDS	Pump	N	EPA 160.1	07.28 /16:30	230	mg/l	5.0 mg/l
J0400	pH	Pump	N	EPA 150.1	field	6.7	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	2.6	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	2.9+/-3.3	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	390	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	63	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	18.76	Ft.	0.01 Ft.

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

S# 10032P37371
 Monitoring Well 204S
 Well Name 1032A13171
 Classification of Groundwater Class II
 Well Developed Prior to
 Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
 Sample Date 07/26/95
 Well Type () Background
 () Site Boundary
 (X) Intermediate
 () Compliance

Ground Water Elevation
 (ABOVE MSL) 98.18

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	8.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	11	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	1.4	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	120	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	380	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	field	7.3	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	0.86	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	8.6+/-4.3	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	380	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	20	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	9.71	Ft.	0.01 Ft.

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

10032P37371
Monitoring Well 204MD
Well Name 1032A13166
Classification of Groundwater Class II
Well Developed Prior to Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 47.02

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	3.7	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	0.14	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	0.018	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	4.3	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	150	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	field	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	0.26	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	600	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	20	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	60.99	Ft.	0.01 Ft.

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

10032P37371
Monitoring Well 205S
Well Name 1032A13172
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type ☒ Background
☐ Site Boundary
☐ Intermediate
☐ Compliance

Ground Water Elevation
(ABOVE MSL) 118.57

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	4.3	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	1.3	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	0.015	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	<1.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	34	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	field	6.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	0.54	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	40	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	17	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	15.68	Ft.	0.01 Ft.

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

10032P37371
Monitoring Well 205MD
Well Name 1032A13167
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 53.01

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	2.9	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	0.046	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	<1.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	110	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	field	8.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	2.2+/-1.8	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	210	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	3.0	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	82.05	Ft.	0.01 Ft.

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

10032P37371
Monitoring Well 210S
Well Name 1032A13173
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 84.14

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	15	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	2.9	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	2.2	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	300	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	760	mg/l	5.0 mg/l
00400	pH	Pump	N	EPA 150.1	field	6.7	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	3.9+/-7.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	1000	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	7.7	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	9.36	Ft.	0.01 Ft.

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

10032P37371
Monitoring Well 210MD
Well Name 1032A13168
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 44.71

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	27	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	87	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	2.1	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	1500	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	2400	mg/l	5.0 mg/l
0400	pH	Pump	N	EPA 150.1	field	6.3	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	0.21	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	16+/-13	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	09/01/95	<0.60	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	62+/-21	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	2200	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	7.4	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	49.71	Ft.	0.01 Ft.

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

S# 10032P37371
Monitoring Well 212MD
Well Name 1032A13169
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-04260
Sample Date 07/26/95
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 47.01

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	6.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	0.12	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	33	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	220	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	field	7.9	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	0.15	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	340	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	4.9	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	28.07	Ft.	0.01 Ft.

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

Well ID# **10032P37371**
Monitoring Well **WSW-2**
Well Name **1032A11454**
Classification of Groundwater **Class II**
Well Developed Prior to Sample collection (Y/N) **Yes**

Savannah Labs Log # **M5-04260**
Sample Date **07/26/95**
Well Type () **Background**
() **Site Boundary**
() **Intermediate**
(X) **Compliance**

Ground Water Elevation
(ABOVE MSL) **N/A**

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	8.10/ 16:00	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	8.10/ 16:00	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	08.04 /18:30	19	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	8.10 /16:00	<0.030	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	8.10 /16:00	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	07.31 /10:45	2.7	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	07.28 /16:30	160	mg/l	5.0 mg/l
J0400	pH	Pump	N	EPA 150.1	field	8.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	8.10 /16:00	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	8.10/ 16:00	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	08.11 /11:00	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	08.08 /15:40	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	08/09 10:30	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	08/09/95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	08/09/95	2.6+/-1.9	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	field	350	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	field	1.1	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	field	N/A	Ft.	0.01 Ft.

[illegible]

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

Monitoring Well 105

Classification of Groundwater Class II

Sample collection (Y/N) Yes

Sample Date 07/26/95

() Site Boundary

() Compliance

(ABOVE MSL) 53.2

[illegible]

[illegible]

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

Monitoring Well 112

Classification of Groundwater Class II

Sample collection (Y/N) Yes

Sample Date 07/26/95

() Background
() Site Boundary

() Site Boundary

() Intermediate

() Compliance

(ABOVE MSL) 46.72

[illegible]

Gulf Power Company
110 Baymont Parkway
Post Office Box 1161
Pensacola, FL 32520-1161
Telephone 904-444-6316

ENC 10-2-1-4
SC Groundwater Schely



M. L. Christ
Environmental Affairs

June 26, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. FL 000 2275
Plant Smith - Permit No. FL 000 2267
Plant Scholz - Permit No. FL 000 2283

Enclosed are the second quarter 1995 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith

The gross alpha, radium 226 and 228 concentrations in compliance well M-3 were above the standard.

Plant Scholz

There was an exceedance of the primary drinking water standards for nickel in compliance well 210MD. The analytical result showed we had a 0.14 mg/l concentration of nickel in this well. The re-sampling of this well indicated a level of 0.20 mg/l.

A search, for operational sources of nickel which would impact groundwater has already been conducted due to the exceedance last month. No sources could be found.

One possible source of nickel we discussed last quarter is the natural formation material present above the Floridan Aquifer. During the installation of 210MD, a blue clay was encountered above the Floridan Aquifer. Due to the dissolution of the Floridan Aquifer, slumping often

Bobby Cooley, P. E.
June 26, 1995
Page Two

occurs from the upper units. Slumping could cause the clay unit to come in direct contact with the Floridan Aquifer. We had a portion of this blue clay (from a split spoon sample we saved during the drilling of the well) analyzed for nickel and found that nickel was present in this soil sample at a concentration of 7.0 mg/kg (see attached report). We believe this is evidence that nickel occurs in the soil in the area of this well. In support of this theory, the shallow well near 210MD (210S) has been below detection limits for nickel. Also, sampling of the previous shallow and deep cluster wells (110 and 110A) did not detect nickel above the MCL.

All of the information above suggests that nickel is not related to site operations. As stated previously continued monitoring should be conducted to evaluate the presence of this constituent.

Savannah Laboratories did not check the elevation in the old wells when they were sampling. They did, however, check the elevation in all wells on their trip to re-sample 210MD.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

A handwritten signature in cursive script, appearing to read "M.C. Gilchrist".

jn
Enclosure

cc: Rachel Allen
Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Bill Lyford
Mike Markey
Pat Parker
Kenton Peacock
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIN STONE ROAD
TALLAHASSEE, FLORIDA 32301-0241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371 DATE 5/26/95
DER PERMIT / 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name
ROUTE 1 BOX 234A SNEADS FL 32524 JACKSON
Address City State Zip County

M.L. GILCHRIST MANAGER OF FUEL & ENVIRONMENTAL
Owner or Authorized Representative's Name Title

Method of Discharge ASH POND

Industry ELECTRIC UTILITY

Report for Period APRIL 1995 to JUNE 1995
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

[Signature] 6/26/95
or Authorized Representative's Signature Date

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

GMS# 1032P37371

Monitoring Well # 203S

Well Name 1032A13170

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 04/26/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 52.49

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	0.016	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	6.8	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	70	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	3.4	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	23	mg/l	1.0 mg/l
70304	TDS	Pump	N	EPA 160.1	05.01/1645	240	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	6.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	12	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	0.0080	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	2.7+/-2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	3.8+/-3.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	430	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	110	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	10.29	Ft.	0.01 Ft.

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

IS# 1003P37371
Monitoring Well 203MD
Well Name 1032A13165
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500
Sample Date 04/26/95
Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 48.23

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	7.4	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	7.8	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	1.2	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	55	mg/l	1.0 mg/l
70304	TDS	Pump	N	EPA 160.1	05.01/1645	270	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1907	6.6	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	0.36	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1907	450	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1907	47	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1907	14.90	Ft.	0.01 Ft.

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

AS# 10032P37371
Monitoring Well 204S
Well Name 1032A13171
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500
Sample Date 04/26/95
Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 98.17

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	11	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	10	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	1.2	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	110	mg/l	1.0 mg/l
170304	TDS	Pump	N	EPA 160.1	05.01/1645	370	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	6.5	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	3.5	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	6.0+/-3.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	490	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	72	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	9.72	Ft.	0.01 Ft.

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

Well ID# 10032P37371

Monitoring Well 204MD

Well Name 1032A13166

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 04/26/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 49.68

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	4.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	0.42	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	0.031	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	7.8	mg/l	1.0 mg/l
0304	TDS	Pump	N	EPA 160.1	05.01/1645	140	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	8.1	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	0.80	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	4.0+/-2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	260	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	11	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	58.33	Ft.	0.01 Ft.

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

S# 10032P37371
Monitoring Well 205S
Well Name 1032A13172
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500
Sample Date 04/26/95
Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 122.75

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	5.1	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	0.62	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	3.3	mg/l	1.0 mg/l
70304	TDS	Pump	N	EPA 160.1	05.01/1645	24	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	5.3	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	0.24	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	30	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	9.3	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	11.5	Ft.	0.01 Ft.

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

MS# 10032P37371
Monitoring Well 205MD
Well Name 1032A13167
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500
Sample Date 04/26/95
Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 55.67

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	4.5	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	0.40	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	0.018	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	<1.0	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	05.01/1645	110	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	8.8	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	0.26	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	3.2+/-1.2	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	220	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	100	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	79.39	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well 210S

Well Name 1032A13173

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 04/26/95

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 83.93

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	8.3	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	1.4	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	1.7	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	160	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	05.01/1645	520	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	7.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	10+/-5.5	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	680	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	3.3	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	9.57	Ft.	0.01 Ft.

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

WV# 10032P37371

Monitoring Well 210MD

Well Name 1032A13168

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 04/26/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 47.76

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	23	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	63	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	1.5	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	1000	mg/l	1.0 mg/l
0304	TDS	Pump	N	EPA 160.1	05.01/1645	1700	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	6.3	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	0.14	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	0.14	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	14+/-12	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	1700	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	29	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	46.66	Ft.	0.01 Ft.

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

MS# 10032P37371

Monitoring Well 212MD

Well Name 1032A13169

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 04/26/95

Well Type () Background

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation

(ABOVE MSL) 49.53

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	7.4	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	0.76	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	0.034	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	47	mg/l	1.0 mg/l
170304	TDS	Pump	N	EPA 160.1	05.01/1645	280	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	7.4	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	0.78	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	6.2+/-1.4	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	05.20.95	<0.6	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	400	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	29	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	25.47	Ft.	0.01 Ft.

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

GMS# 10032P37371
Monitoring Well WSW-2
Well Name 1032A11454
Classification of Groundwater Class II
Well Developed Prior to
Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500
Sample Date 04/26/95
Well Type ☐ Background
☐ Site Boundary
☐ Intermediate
☒ Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Units	Detection Limits/Units
900210	Cadmium	Pump	N	EPA 200.7	05.09/1200	<0.0050	mg/l	0.0050 mg/l
900211	Chromium	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000940	Chloride	Pump	N	EPA 325.3	05.08/1300	17	mg/l	1.0 mg/l
074010	Iron	Pump	N	EPA 200.7	05.09/1200	<0.030	mg/l	0.03 mg/l
900220	Manganese	Pump	N	EPA 200.7	05.09/1200	<0.010	mg/l	0.010 mg/l
000945	Sulfate	Pump	N	EPA 375.3	05.12/1115	15	mg/l	1.0 mg/l
070304	TDS	Pump	N	EPA 160.1	05.01/1645	160	mg/l	5.0 mg/l
000400	pH	Pump	N	EPA 150.1	04.26/1846	8.0	Std. Units	0.1 Std.Units
001105	Aluminum	Pump	N	EPA 200.7	05.09/1200	<0.10	mg/l	0.10 mg/l
001067	Nickel	Pump	N	EPA 200.7	05.09/1200	<0.020	mg/l	0.02 mg/l
900212	Lead	Pump	N	EPA 239.1	05.11/1215	<0.0050	mg/l	0.0050 mg/l
900213	Mercury	Pump	N	EPA 245.1	05.10/1430	<0.00020	mg/l	0.00020 mg/l
900214	Selenium	Pump	N	EPA 270.2	5.12/1425	<0.0020	mg/l	0.0020 mg/l
001515	Gross Alpha	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
009501	Radium 226	Pump	N	EPA 903.1	N/A	-	pCi/l	2.0pCi/l
011501	Radium 228	Pump	N	EPA 904	N/A	-	pCi/l	2.0pCi/l
003515	Gross Beta	Pump	N	EPA 900	05.15.95	<2.0	pCi/l	2.0pCi/l
000095	Specific Conductance	Pump	N	EPA 120.1	04.26/1846	300	umhos/cm	5.0 umhos/cm
082078	Turbidity	Pump	N	EPA 180.1	04.26/1846	0.11	NTU	0.10 NTU
082545	Water Level	Probe	N	EPA SOP	04.26/1846	N/A	Ft.	0.01 Ft.

[illegible]

Well# 1003P37371
 Monitoring Well 203MD
 Well Name 1032A13165
 Classification of Groundwater
 Well Developed Prior to
 Sample collection (Y/N)

Ground Water Elevation
(ABOVE MSL) 48.23

[illegible]

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

MS# 10032P37371

Monitoring Well 204S

Well Name 1032A13171

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type () Background

() Site Boundary

(X) Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 98.17

[illegible]

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

GMS# 10032P37371

Monitoring Well 204MD

Well Name 1032A13166

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type	()	Background
-----------	-----	------------

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation
(ABOVE MSL) 49.68

[illegible]

Savannah Labs Log # M5-02500
Sample Date 06/14/95
Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 122.75

[illegible]

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

GMS# 10032P37371

Monitoring Well 210S

Well Name 1032A13173

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type	()	Background
-----------	-----	------------

() Site Boundary

(X) Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 83.93

[illegible]

PARAMETER MONITORING REPORT

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

GMS# 10032P37371

Monitoring Well 210MD

Well Name 1032A13168

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type	()	Background
-----------	-----	------------

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation

(ABOVE MSL) 47.76

[illegible]

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

GMS# 10032P37371

Monitoring Well 212MD

Well Name 1032A13169

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type	()	Background
	()	Site Boundary

Well type: () Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation
(ABOVE MSL) 49.53

[illegible]

PARAMETER MONITORING REPORT

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

MS# 10032P37371

Monitoring Well 103

Well Name 1032A11455

Classification of Groundwater Class ii

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type	()	Background
-----------	-----	------------

() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 51.58

[illegible]

PARAMETER MONITORING REPORT

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

JMS# 10032P37371

Monitoring Well 105

Well Name 1032A11457

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-02500

Sample Date 06/14/95

Well Type	()	Background
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() Site Boundary

() Intermediate

() Compliance

Ground Water Elevation

(ABOVE MSL) 51.58

[illegible]

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

Monitoring Well 110A
Well Name 1032A11458

Well Developed Prior to
Sample collection (Y/N) Yes

Sample Date 06/14/95

Well Type

()

$$\left(\begin{array}{c} \vdots \\ \vdots \end{array} \right)$$
 $\left(\begin{array}{c} \\ \end{array} \right)$

()

Site Boundary

Compliance

(ABOVE MSL) 51.58

[illegible]

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

Sample collection (Y/N) Yes

() Compliance

(ABOVE MSL) 51.58

[illegible]

ENC 10-2-1-4
SC Groundwater



~~XXXX~~
~~XXXX~~
~~XXXX~~
JHN

March 3, 1995

CERTIFIED MAIL

Mr. Bobby A. Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. I017-109985
Plant Smith - Permit No. I003-189373
Plant Scholz - Permit No. I003-104819

Enclosed are the first quarter 1995 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Smith

The gross alpha concentration in compliance well M-3 was above the 15 pCi/L standard.

Plant Scholz

There was an exceedance of the primary drinking water standards for nickel in compliance well 210MD. Resampling was scheduled and completed as discussed during our last meeting with Mr. Rick Bradburn. The results of this resample of well 210MD were slightly over the 0.10 mg/l MCL. We split the sample with two laboratories and the total nickel results were 0.12 mg/l and 0.11 mg/l. The dissolved nickel results (filtered through a 1.0 micron filter) were 0.11 mg/l and 0.12 mg/l.

A search, for operational sources of nickel which would impact groundwater was conducted. No sources could be found. As illustrated on the attached table, no other wells have detected nickel in excess of the MCL. In fact, only one other well has detected nickel on one single event. The fact that wells closest to the ash pond in the Surficial and Floridan Aquifer have not detected the presence of nickel, indicates that the ash pond is not the source of this constituent.

Mr. Bobby A. Cooley, P. E.

March 3, 1995

Page Two

One possible source of nickel is the natural formation material present above the Floridan Aquifer. During the installation of 210MD, a blue clay was encountered above the Floridan Aquifer. Due to the dissolution of the Floridan Aquifer, some slumping often occurs from the upper units. Slumping would cause the clay unit to come in direct contact with the Floridan Aquifer. In support of this theory, the shallow well near 210MD (210S) has been below detection limits for nickel. Also, sampling of the previous shallow and deep cluster wells (110 and 110A) did not detect nickel above the MCL.

All of the information above suggests that nickel is not related to site operations. We propose that this well be closely watched for the next four quarters to determine if nickel concentrations are increasing or decreasing.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,



s:jhn/1995gw1

Enclosures

cc: Rachel Allen
Jim Babbitt
John Dominey
Stan Houston
Colen Lee
Bill Lyford
Mike Markey
Pat Parker
Kenton Peacock
Jim Vick

Scholz Plant Nickel Concentrations

DATE	WELL #	CONCENTRATION mg/L
08/03/94	203S	<0.020
08/03/94	210MD	<0.020
08/03/94	WSW-2	<0.020
08/03/94	212MD	<0.020
08/03/94	210S	<0.020
08/03/94	205MD	<0.020
08/03/94	205S	<0.020
08/03/94	204MD	<0.020
08/03/94	204S	<0.020
08/03/94	203MD	<0.020
11/07/94	205MD	<0.020
11/07/94	WSW-2	<0.020
11/07/94	212MD	<0.020
11/07/94	210MD	0.17
11/07/94	210S	<0.020
11/07/94	203MD	<0.020
11/07/94	205S	<0.020
11/07/94	204MD	<0.020
11/07/94	204S	<0.020
11/07/94	203S	0.028
12/21/94	205S	<0.020
12/21/94	210MD	0.13*
12/21/94	210MD	0.16
12/21/94	205MD	<0.020
01/10/95	210S	<0.020
01/10/95	WSW-2	<0.020
01/10/95	212MD	<0.020
01/10/95	210MD	0.18
01/10/95	204S	<0.020
01/10/95	205MD	<0.020
01/10/95	205S	<0.020
01/10/95	204MD	<0.020
01/10/95	203MD	<0.020
01/10/95	203S	<0.020
02/03/95	210MD	0.12
02/03/95	210MD	0.11*
02/03/95	210MD	0.11
02/03/95	210MD	0.12*

* Filtered Sample

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



TWIN TOWERS OFFICE BUILDING
2600 BLAIN STONE ROAD
TALLAHASSEE, FLORIDA 32301-0241

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

CMS / 1032P37371 DATE 2-3-95
DER PERMIT # 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name

ROUTE 1 BOX 234A

SNEADS

FL 32524

JACKSON

Address

City

State Zip

County

M.L. GILCHRIST

MANAGER OF FUEL & ENVIRONMENTAL
Title

Owner or Authorized Representative's Name

Method of Discharge ASH POND

Industry ELECTRIC UTILITY

Report for Period JANUARY 1995 to MARCH 1995
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

M.L. Gilchrist
or Authorized Representative's Signature

3/3/95
Date

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

JMS# 1032P37371

Monitoring Well 203S

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 52.74

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	5.3	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	27	mg/l	Unfiltered	HNO3
7220	Manganese	Pump	EPA 200.7	2.9	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	29	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	6.4	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	1.9	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	3.4+/-1.6	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	350	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	17	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	10.04	Ft.	N/A	N/A

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

GMS# 1003P37371

Monitoring Well 203MD

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 50.56

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	5.6	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	2.7	mg/l	Unfiltered	HNO3
900220	Manganese	Pump	EPA 200.7	0.73	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	46	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	6.8	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	0.29	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	2.3+/-1.5	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	390	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	20	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	12.57	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well 204S

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 98.3

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	12	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	13	mg/l	Unfiltered	HNO3
9220	Manganese	Pump	EPA 200.7	1.4	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	120	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	6.5	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	7.4	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	500	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	20	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	9.59	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well 204MD

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 51.43

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	4.1	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	0.70	mg/l	Unfiltered	HNO3
70220	Manganese	Pump	EPA 200.7	0.037	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	8.8	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	8.1	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	1.5	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	240	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	21	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	56.58	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well 205S

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 121.77

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	4.7	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	0.53	mg/l	Unfiltered	HNO3
9220	Manganese	Pump	EPA 200.7	0.010	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	1.4	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	5.7	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	0.24	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	30	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	20	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	12.58	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well 205MD

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type (X) Background
() Site Boundary
() Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 56.28

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	3.7	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	0.13	mg/l	Unfiltered	HNO3
70220	Manganese	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	1.6	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	8.4	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	0.26	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	2.3+/-1.2	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	200	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	21	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	78.78	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well 210S

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
(X) Intermediate
() Compliance

Ground Water Elevation
(ABOVE MSL) 83.33

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	13	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	1.5	mg/l	Unfiltered	HNO3
0220	Manganese	Pump	EPA 200.7	1.9	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	260	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	7.1	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	0.26	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	6.7+/-3.8	pCi/l	Unfiltered	HNO3
	Radium 226	Pump	EPA 903.1	0.6	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	850	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	18	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	10.17	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well 210MD

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 50.3

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	27	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	71	mg/l	Unfiltered	HNO3
90220	Manganese	Pump	EPA 200.7	1.7	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	1200	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	6.3	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	<0.10	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	0.18	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	2000	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	21	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	44.12	Ft.	N/A	N/A

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

GMS# 0032P37371

Monitoring Well 210MD

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # TS-10360

Sample Date 02/03/95

Well Type	()	Background
-----------	-----	------------

() Site Boundary

() Intermediate

(X) Compliance

Ground Water Elevation
(ABOVE MSL) 50.3

[illegible]

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

GMS# 10032P37371

Monitoring Well 212MD

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) 51.58

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	6.4	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	0.51	mg/l	Unfiltered	HNO3
9220	Manganese	Pump	EPA 200.7	0.022	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	0.56	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	7.4	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	1.0	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	380	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	21	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	23.42	Ft.	N/A	N/A

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

GMS# 10032P37371

Monitoring Well WSW-2

Well Name

Classification of Groundwater Class II

Well Developed Prior to

Sample collection (Y/N) Yes

Savannah Labs Log # M5-00191

Sample Date 01/10/95

Well Type () Background
() Site Boundary
() Intermediate
(X) Compliance

Ground Water Elevation
(ABOVE MSL) N/A

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Pump	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Pump	EPA 325.3	22	mg/l	Unfiltered	Iced
74010	Iron	Pump	EPA 200.7	0.036	mg/l	Unfiltered	HNO3
90220	Manganese	Pump	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
945	Sulfate	Pump	EPA 375.3	15	mg/l	Unfiltered	HNO3
400	pH	Pump	EPA 150.1	7.5	Std. Units	Unfiltered	HNO3
1105	Aluminum	Pump	EPA 200.7	<0.10	mg/l	Unfiltered	HNO3
1067	Nickel	Pump	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Pump	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Pump	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Pump	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Pump	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Pump	EPA 120.1	300	umhos/cm	Unfiltered	Iced
00010	Temperature	Pump	EPA 170.1	21	Celsius	Unfiltered	N/A
82545	Water Level	Probe	EPA SOP	N/A	Ft.	N/A	N/A

ENR 10-2-1-4
SC Groundwater

~~FLA~~
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JLN



the southern electric system

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January 17, 1995

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. I017-109985
Plant Smith - Permit No. I003-189373
Plant Scholz - Permit No. I003-104819

Enclosed are the fourth quarter 1994 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Crist

There were no exceedances of the primary drinking water standards in our compliance wells. The gross alpha concentrations in intermediate well LF18 and compliance well LF33 were above 5.0 pCi/L requiring radium 226 and 228 analyses. Those results are included in this report.

The compliance well WSW-5 (a plant water supply well) was out of service for maintenance during most of the quarter. As a result, this sample could not be collected until December 20, 1994.

Plant Smith

The gross alpha concentration in compliance well M-3, intermediate wells 9-3A, 9-7 and 9-9 were above the 15 pCi/L standard. All samples for gross alpha that were above 5.0 pCi/L were analysed for radium 226, and when those results were above 3.0 pCi/L, analysis for radium 228 was also performed. Those results are included with this report.

Mr. Bobby Cooley, P. E.
January 17, 1995
Page Two

Plant Scholz

There was one exceedance of the primary drinking water standards for lead in compliance well 203S and one exceedance for nickel in compliance well 210MD. Resampling was immediately scheduled and the results of this resample of well 203S for lead was below detectable limits. However, nickel was still present in 210MD and was slightly above the primary drinking water standard of 0.10 mg/l at 0.16 mg/l. Mike Markey and Joe Neese met with Rick Bradburn of your department to discuss our plans. It was agreed that we would redevelop the well and resample.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,



jn
Enclosure

cc: Rachel Allen
Jim Babbitt
John Dominey
Colen Lee
Bill Lyford
Greg Terry
Jerry Mintz
Jim Vick



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

GHS / 1032P37371

DATE 1-6-95

DER PERMIT # 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name

ROUTE 1 BOX 234A

SNEADS

FL

32524

JACKSON

Address

City

State Zip

County

M.L. GILCHRIST

MANAGER OF FUEL & ENVIRONMENTAL
Title

Owner or Authorized Representative's Name

Method of Discharge ASH POND

Industry ELECTRIC UTILITY

Report for Period OCTOBER 1994 to DECEMBER 1994
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

M.L. Gilchrist
Owner or Authorized Representative's Signature

1/17/95
Date

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 203S

Well Type () Background
 () Site Boundary
 () Intermediate
 (x) Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 52.51

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	0.083	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	11	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	94	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	4.0	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	27	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	6.5	Std.Unts	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	49	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	0.028	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	0.032	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	0.0027	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	10.5+/-2.4	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	450	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	21	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	10.27	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 12-21-94Monitoring Well# 203S

Well Type () Background
 () Site Boundary
 () Intermediate
 (x) Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 54.47

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900211	Chromium	Bailer	EPA 200.7	0.018	mg/l	Unfiltered	HN03
	Chromium Dis.	Bailer	EPA 200.7	<0.010	mg/l	Filtered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
	Lead Dis.	Bailer	EPA 239.1	<0.0050	mg/l	Filtered	HN03
0100	Turbidity	Bailer	EPA 180.1	36	NTU	Unfiltered	NA
400	pH	Bailer	EPA 150.1	6.6	Std.Units	Unfiltered	NA
95	Specific Conductance	Bailer	EPA 120.1	380	umhos/cm	Unfiltered	NA
00010	Temperature	Bailer	EPA 170.1	20	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	54.47	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

Savannah Labs Log# M4-16274A

GMS# 1003P02800

Sample Date 11-07-94

Monitoring Well# MW-203S

Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance

Well Name 1003A11482

Classification of Groundwater Class II

Well Developed * Prior to
Sample Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 52.51

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preser- vatives Added
009501	Total Radium 226	Bailer	EPA 900.0	2.9+/-0.15	pCi/l	Unfiltered	HN03

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

GMS# 1003P37371Sample Date 11-07-94Monitoring Well# 203MD

Well Type ☐ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☒ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
Sample Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 48.10

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Bailer	EPA 325.3	6.7	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	1.8	mg/l	Unfiltered	HNO3
900220	Manganese	Bailer	EPA 200.7	0.96	mg/l	Unfiltered	HNO3
945	Sulfate	Bailer	EPA 375.3	59	mg/l	Unfiltered	Iced
00	pH	Bailer	EPA 150.1	6.7	mg/l	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HNO3
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	2.4+/-1.5	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Bailer	EPA 120.1	440	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	20	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	15.03	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 204S

Well Type () Background
 () Site Boundary
 (x) Intermediate
 () Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 97.96

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	12	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	9.7	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	1.5	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	120	mg/l	Unfiltered	Iced
100	pH	Bailer	EPA 150.1	6.4	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	0.79	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	550	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	9.93	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 204MD

Well Type () Background
 () Site Boundary
 () Intermediate
 (x) Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 49.66

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	8.1	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.057	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	0.026	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	2.7	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	8.0	Std.Unts	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	240	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	58.35	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 205S

Well Type ☒ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☐ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
Sample Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 124.64

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	6.6	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.26	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	<1.0	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	5.3	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	40	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	9.61	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
Effective January 1, 1983

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

GMS# 1032P37371Sample Date 12-21-94Monitoring Well# 205S

Well Type ☒ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☐ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
Sample Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 123.94

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
	Chromium Dis.	Bailer	EPA 325.3	<0.010	mg/l	Filtered	Iced
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
	Lead Dis.	Bailer	EPA 239.1	<0.0050	mg/l	Filtered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
	Nickel Dis.	Bailer	EPA 200.7	<0.020	mg/l	Filtered	HN03
00	Turbidity	Bailer	EPA 180.1	1.3	NTU	Unfiltered	NA
400	pH	Bailer	EPA 150.1	5.4	Std.Units	Unfiltered	NA
95	Specific Conductance	Bailer	EPA 120.1	35	umhos/cm	Unfiltered	NA
00010	Temperature	Bailer	EPA 170.1	21	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	123.94	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 205MD

Well Type ☒ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☐ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 56.79

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	4.3	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.29	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	0.013	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	1.9	mg/l	Unfiltered	Iced
70	pH	Bailer	EPA 150.1	8.7	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	0.66	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	190	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	78.27	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 12-21-94Monitoring Well# 205MD

Well Type ☒ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☐ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 57.39

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
	Chromium Dis.	Bailer	EPA 325.3	<0.010	mg/l	Filtered	Iced
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
	Lead Dis.	Bailer	EPA 239.1	<0.0050	mg/l	Filtered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
	Nickel Dis.	Bailer	EPA 200.7	<0.020	mg/l	Filtered	HN03
100	Turbidity	Bailer	EPA 180.1	2.3	NTU	Unfiltered	NA
400	pH	Bailer	EPA 150.1	8.8	Std.Units	Unfiltered	NA
95	Specific Conductance	Bailer	EPA 120.1	190	umhos/cm	Unfiltered	NA
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	57.39	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 210S

Well Type () Background
 () Site Boundary
 (x) Intermediate
 () Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 83.35

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Bailer	EPA 325.3	12	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	1.9	mg/l	Unfiltered	HNO3
900220	Manganese	Bailer	EPA 200.7	1.0	mg/l	Unfiltered	HNO3
945	Sulfate	Bailer	EPA 375.3	230	mg/l	Unfiltered	Iced
00	pH	Bailer	EPA 150.1	7.1	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HNO3
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	7.8+/-4.6	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Bailer	EPA 120.1	900	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	23	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	10.15	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

Savannah Labs Log# M4-16274A

GMS# 1003P02800

Sample Date 11-07-94

Monitoring Well# MW-210S

Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance

Well Name 1003A11482

Classification of Groundwater Class II

Well Developed * Prior to
Sample Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 83.35

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preser- vatives Added
009501	Total Radium 226	Bailer	EPA 900.0	0.63+/- .09	pCi/l	Unfiltered	HN03

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 210MD

Well Type ()Background
 ()Site Boundary
 ()Intermediate
 (x)Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 48.27

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	25	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	74	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	1.7	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	1200	mg/l	Unfiltered	Iced
30	pH	Bailer	EPA 150.1	6.3	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	0.17	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	5.0+/-9.6	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	2000	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	46.15	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

Savannah Labs Log# M4-16274A

GMS# 1003P02800

Sample Date 11-07-94

Monitoring Well# MW-210MD

Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance

Well Name 1003A11482

Classification of Groundwater Class II

Well Developed * Prior to
Sample Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 49.54

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Units	Sample Filtered/ Unfiltered	Preser- vatives Added
009501	Total Radium 226	Bailer	EPA 900.0	<0.6	pCi/l	Unfiltered	HN03

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

GMS# 1032P37371Sample Date 12-21-94Monitoring Well# 210MD

Well Type () Background
 () Site Boundary
 () Intermediate
 (x) Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 51.74

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
1067	Nickel	Bailer	EPA 200.7	0.16	mg/l	Unfiltered	HN03
	Nickel Dis.	Bailer	EPA 200.7	0.13	mg/l	Filtered	HN03
0100	Turbidity	Bailer	EPA 180.1	6.7	NTU	Unfiltered	NA
400	pH	Bailer	EPA 150.1	6.4	Std.Units	Unfiltered	NA
95	Specific Conductance	Bailer	EPA 120.1	1800	umhos/cm	Unfiltered	NA
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
545	Water Level	Bailer	EPA SOP	51.74	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# 212MD

Well Type () Background
 () Site Boundary
 () Intermediate
 (x) Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 49.54

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preservatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	6.6	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.25	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	0.012	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	51	mg/l	Unfiltered	Iced
70	pH	Bailer	EPA 150.1	7.5	Std.Units	Unfiltered	NA
75	Aluminum	Bailer	EPA 200.7	0.47	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	390	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	21	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	25.46	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 11-07-94Monitoring Well# WSW-2

Well Type ()Background
 ()Site Boundary
 ()Intermediate
 (x)Compliance

Well Name 1032A11454Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) NA

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HNO3
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
940	Chloride	Bailer	EPA 325.3	21	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	<0.030	mg/l	Unfiltered	HNO3
900220	Manganese	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HNO3
945	Sulfate	Bailer	EPA 375.3	13	mg/l	Unfiltered	Iced
.00	pH	Bailer	EPA 150.1	7.6	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HNO3
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HNO3
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HNO3
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HNO3
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HNO3
95	Specific Conductance	Bailer	EPA 120.1	300	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	21	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	NA	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola, FL 32520-0328
Telephone 904 444-6236

ENG 10-2-1-4

Scholz Groundwater RLA



Gulf Power

the southern electric system

M. L. Gilchrist
Manager of Fuel and Environmental Affairs

September 14, 1994

CERTIFIED MAIL

Mr. Bobby Cooley, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Cooley:

QUARTERLY GROUNDWATER REPORTS -

Plant Crist - Permit No. I017-109985
Plant Smith - Permit No. I003-189373
Plant Scholz - Permit No. I003-104819

Enclosed are the third quarter 1994 Groundwater Monitoring Reports for the above referenced facilities. Please note the following:

Plant Crist

There were no exceedances of the primary drinking water standards in our compliance wells. The gross alpha concentrations in intermediate well LF18 was above 5.0 pCi/L requiring radium 226 and 228 analyses. Those results are included in this report.

Plant Smith

The gross alpha concentration in compliance well M-3 was above the 15 pCi/L standard. All samples for gross alpha that were above 5.0 pCi/L were analysed for radium 226, and when those results were above 3.0 pCi/L, analysis for radium 228 was also performed. Those results are included with this report.

Mr. Bobby Cooley, P. E.
September 14, 1994
Page Two

Plant Scholz

There were no exceedances of the primary drinking water standards and no gross alpha concentrations above 5.0 pCi/L.

If you have any questions, please call me or Joe Neese at (904) 444-6429.

Sincerely,

A handwritten signature in black ink, appearing to read "M. B. Scholz", with a stylized flourish at the end.

jn
Enclosure

cc: Rachel Allen
Jim Babbitt
John Dominey
Colen Lee
Bill Lyford
Greg Terry
Jerry Mintz
Jim Vick

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIN STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

QUARTERLY REPORT ON GROUND WATER MONITORING
Rule 17-4.245(6)(k)2.

GMS / 1032P37371

DATE 9-7-94

DER PERMIT / 1032-113566

GULF POWER COMPANY - SCHOLZ ELECTRIC GENERATING PLANT

Installation Name

<u>ROUTE 1 BOX 234A</u>	<u>SNEADS</u>	<u>FL</u>	<u>32524</u>	<u>JACKSON</u>
Address	City	State	Zip	County

<u>M.L. GILCHRIST</u>	<u>MANAGER OF FUEL & ENVIRONMENTAL</u>
Owner or Authorized Representative's Name	Title

Method of Discharge ASH POND

Industry ELECTRIC UTILITY

Report Period JULY 1994 to SEPTEMBER 1994
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

M.L. Gilchrist
Owner or Authorized Representative's Signature

9/14/94
Date

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 203S

Well Type ☐ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☒ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 58.08

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	18	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	37	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	3.1	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	21	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	6.5	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	2.3	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	500	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	4.70	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1003P37371Sample Date 08-03-94Monitoring Well# 203MD

Well Type ()Background
 ()Site Boundary
 ()Intermediate
 (x)Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 52.42

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	11	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	6.6	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	1.0	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	62	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	7.2	mg/l	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	0.33	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	500	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	10.71	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 204S

Well Type ☐ Background
 ☐ Site Boundary
 ☒ Intermediate
 ☐ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 98.68

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	11	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	10	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	1.2	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	100	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	6.9	Std.Unts	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	3.7	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	2.2+/-3.2	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	550	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	23	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	9.21	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 204MD

Well Type ☐ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☒ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 53.71

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	5.0	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.10	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	0.039	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	5.3	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	8.3	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	0.12	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	2.4+/-0.8	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	260	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	54.30	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 205S

Well Type (x)Background
 ()Site Boundary
 ()Intermediate
 ()Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 128.45

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	4.3	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.31	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	3.5	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	5.4	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	0.12	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	25	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	5.80	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 205MD

Well Type ☒ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☐ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 59.24

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	4.1	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.051	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	1.8	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	8.3	Std.Unts	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	220	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	75.82	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

1032P37371Sample Date 08-03-94ing Well# 210S

Well Type ☐ Background
 ☐ Site Boundary
 ☒ Intermediate
 ☐ Compliance

ne _____

ication of Groundwater Class II

veloped * Prior to
Collection (Yes/No) Yes

Ground Water Elevation
(above MSL) 84.40

Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preservatives Added
Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
Chloride	Bailer	EPA 325.3	6.7	mg/l	Unfiltered	Iced
Iron	Bailer	EPA 200.7	0.94	mg/l	Unfiltered	HN03
Manganese	Bailer	EPA 200.7	0.43	mg/l	Unfiltered	HN03
Sulfate	Bailer	EPA 375.3	90	mg/l	Unfiltered	Iced
pH	Bailer	EPA 150.1	7.0	Std.Units	Unfiltered	NA
Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
Specific Conductance	Bailer	EPA 120.1	750	umhos/cm	Unfiltered	Iced
Temperature	Bailer	EPA 170.1	26	°C	Unfiltered	NA
Water Level	Bailer	EPA SOP	9.10	Ft.	Unfiltered	NA

Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

17-1.216(2)
e January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 210MD

Well Type ()Background
 ()Site Boundary
 ()Intermediate
 (x)Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 51.90

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/Unfiltered	Preservatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	26	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	67	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	1.7	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	1100	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	6.4	Std.Unts	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	1900	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	23	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	42.52	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# 212MD

Well Type ☐ Background
 ☐ Site Boundary
 ☐ Intermediate
 ☒ Compliance

Well Name _____

Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) 54.60

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	7.3	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.11	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	51	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	7.5	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	380	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	22	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	20.40	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983

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

GMS# 1032P37371Sample Date 08-03-94Monitoring Well# WSW-2

Well Type ()Background
 ()Site Boundary
 ()Intermediate
 (x)Compliance

Well Name 1032A11454Classification of Groundwater Class II

Well Developed * Prior to
 Sample Collection (Yes/No) Yes

Ground Water Elevation
 (above MSL) NA

STORET Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Result	Unit	Sample Filtered/ Unfiltered	Preser- vatives Added
900210	Cadmium	Bailer	EPA 200.7	<0.0050	mg/l	Unfiltered	HN03
900211	Chromium	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
940	Chloride	Bailer	EPA 325.3	36	mg/l	Unfiltered	Iced
74010	Iron	Bailer	EPA 200.7	0.050	mg/l	Unfiltered	HN03
900220	Manganese	Bailer	EPA 200.7	<0.010	mg/l	Unfiltered	HN03
945	Sulfate	Bailer	EPA 375.3	14	mg/l	Unfiltered	Iced
400	pH	Bailer	EPA 150.1	7.9	Std.Units	Unfiltered	NA
1105	Aluminum	Bailer	EPA 200.7	<0.10	mg/l	Unfiltered	HN03
1067	Nickel	Bailer	EPA 200.7	<0.020	mg/l	Unfiltered	HN03
900212	Lead	Bailer	EPA 239.1	<0.0050	mg/l	Unfiltered	HN03
900213	Mercury	Bailer	EPA 245.1	<0.00020	mg/l	Unfiltered	HN03
900214	Selenium	Bailer	EPA 270.2	<0.0020	mg/l	Unfiltered	Iced
1515	Gross Alpha	Bailer	EPA 900	<2.0	pCi/l	Unfiltered	HN03
95	Specific Conductance	Bailer	EPA 120.1	320	umhos/cm	Unfiltered	Iced
00010	Temperature	Bailer	EPA 170.1	25	°C	Unfiltered	NA
82545	Water Level	Bailer	EPA SOP	NA	Ft.	Unfiltered	NA

* Well development is the process of pumping the well prior to sampling in order to obtain representative ground water sample.

DER Form 17-1.216(2)
 Effective January 1, 1983