



PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8902

ENVIRONMENTAL LABORATORY
PASCO COUNTY GOVT. COMPLEX
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

January 17, 1996

D.E.P.

JAN 22 1996

SOUTHWEST DISTRICT
TAMPA

Ms. Allison Amram
Environmental Specialist III
Florida Department of
Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa, Fl 33619-8318

RE: Groundwater Monitoring Analyses

Dear Ms. Amram:

Enclosed are the groundwater monitoring analyses from Monitoring Wells 2MW3A, 4MW3A, 2MW7, 4MW7, 2MW8, 4MW8, 2MW9, 4MW9, 2WM10 at the Hays Road Class III Landfill for the Quarter IV (Oct-Dec) sampling period.

Since no MCL exceedences were detected during this sampling period no Summary Table is included. Finally, the required Groundwater Table Contour Map is presently being constructed and will be submitted under separate cover.

If you have any questions please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Candia E. Mulhern".

Candia E. Mulhern
Laboratory Manager

CEM/as

Enclosures:

CC: Chongman Lee, Florida Department of Environmental Protection, Waste Management Section, Twin Towers Bldg., 2600 Blair Stone Road, Tallahassee, Fl 32399-2400
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT.

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Hays Road Class III Landfill
 Address 1275 Hays Road
 City Spring Hill, FL Zip 34610
 Telephone Number () _____
- (2) The GMS Identification Number 4051M30035
- (3) DEP Permit Number S051-182279
- (4) Authorized Representative Name Candia E. Mulhern
 Address 8864 Government Drive
 City New Port Richey, FL Zip 34654
 Telephone Number (813) 847-8902
- (5) Type of Discharge Landfill
- (6) Method of Discharge Unknown

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: 01/12/96 
 Signature of Owner or Authorized Representative

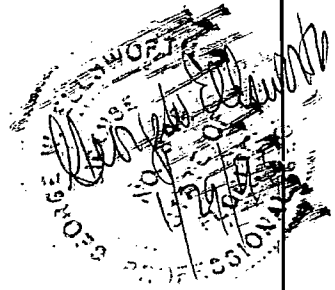
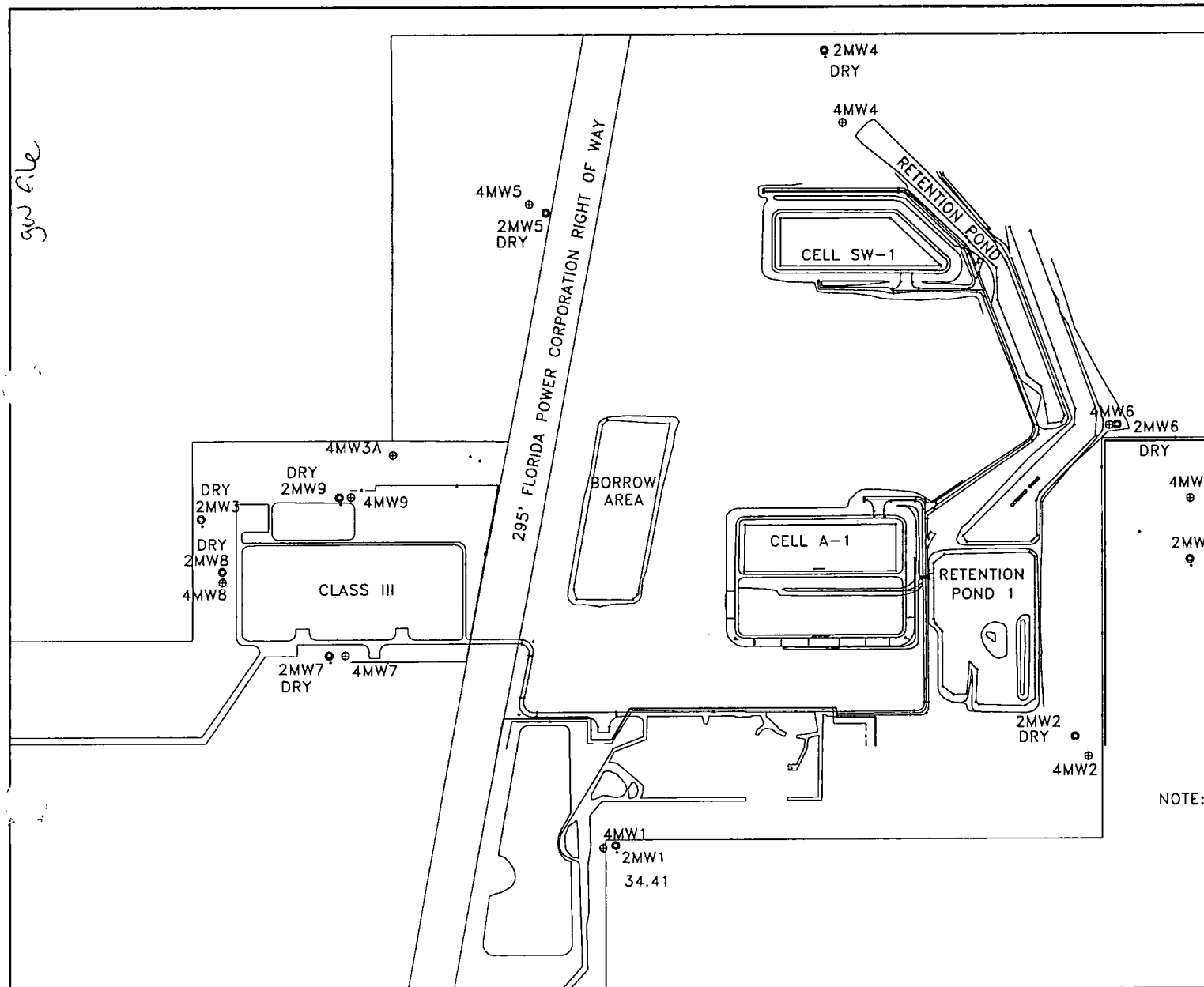
PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization Comp QAP # _____
- Analytical Lab Comp QAP #/HRS Certification # 870167 G/7 54237, E44123
 *Comp QAP #/HRS Certification # 870202 G Potable BTL #1-86137 & 86418 Env. 86035
- Lab Name Pasco County Environmental Laboratory
- Address 8864 Government Drive, New Port Richey, FL 34654
- Phone Number (813) 847-8902

W. Pasco Class III

gw file

ACAD=4150869B



EXPLANATION

- 4MW2
⊕ EXISTING GROUND-WATER COMPLIANCE MONITORING WELL AND DESIGNATION
- 2MW2
⊙ EXISTING GROUND-WATER COMPLIANCE MONITORING WELL AND DESIGNATION

NOTE:
 (4MW)=4" PVC FLORIDAN AQUIFER WELL
 (2MW)=2" PVC SURFICIAL AQUIFER WELL



Scale In Feet
 Prepared/Date: JFW 01/26/96
 Checked/Date: GWS 01/26/96

West Pasco Class III Landfill
 Board of County Commissioners
 Pasco County, Florida



Quarterly Ground Water Monitoring

Surficial Aquifer Water Table Map
QUATER IV 1995

Project 40141-5-0869

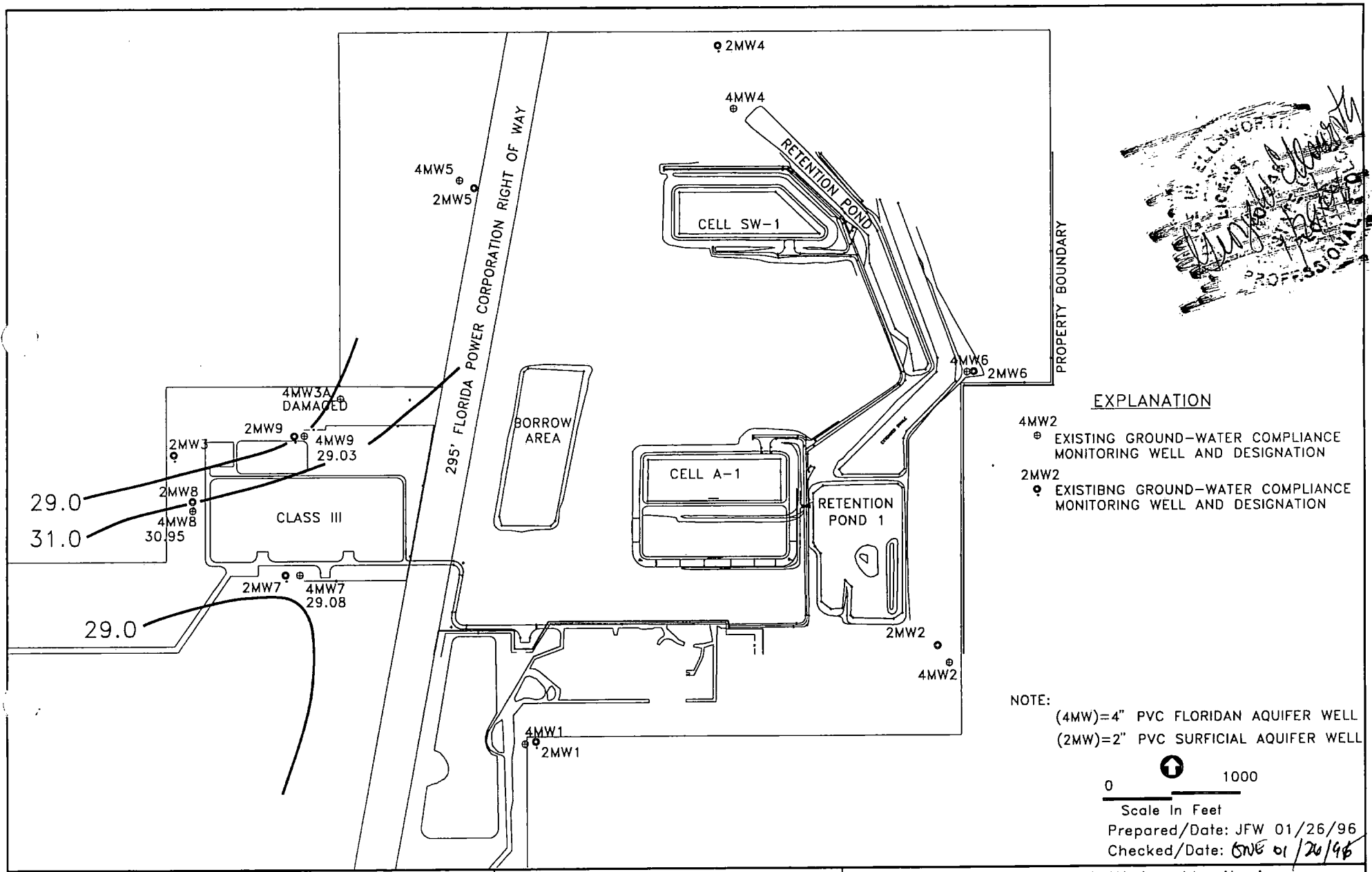
Figure 1

PASCO COUNTY UTILITIES

FEB 04 1996

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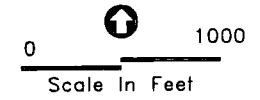
ACAD=4150869B



EXPLANATION

- 4MW2
⊕ EXISTING GROUND-WATER COMPLIANCE MONITORING WELL AND DESIGNATION
- 2MW2
⊙ EXISTING GROUND-WATER COMPLIANCE MONITORING WELL AND DESIGNATION

NOTE:
 (4MW)=4" PVC FLORIDAN AQUIFER WELL
 (2MW)=2" PVC SURFICIAL AQUIFER WELL



Prepared/Date: JFW 01/26/96
 Checked/Date: *ONE* 01/26/96

West Pasco Class III Landfill
 Board of County Commissioners
 Pasco County, Florida



Quarterly Ground Water Monitoring
 Floridan Aquifer Potentiometric Surface Map
 QUATER IV 1995

Project 40141-5-0869

Figure 2

PASCO COUNTY UTILITIES

FEB 04 1996

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95
 Test Site ID #: 4051A16325 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 2MM-3A Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): DRY

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	_____	Dry mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	_____	Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	_____	Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Dry mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	_____	Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	_____	Dry mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	_____	Dry mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	_____	Dry mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	_____	Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	_____	Dry °C	0 °C
000680	TOC	"	"	EPA 415.1	_____	Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	_____	Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"		_____	Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035
 Test Site ID #: 4051A16322

Sampling Date/Time: 10/03/95
 Report Period: _____ / Quarter
 (year/quarter)

Well Name: 4MW-3A
 Classification of Groundwater: Floridan
 Groundwater Elevation (NGVD): _____
 or (MSL): Damaged

Well Purged (Y/N): YES
 Well Type: (XXX) Background
 () Intermediate
 () Compliance
 () Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	_____	Damaged mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	_____	Damaged mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Damaged NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	_____	Damaged mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Damaged mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	_____	Damaged Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	_____	Damaged mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	_____	Damaged mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	_____	Damaged mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	_____	Damaged mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	_____	Damaged °C	0 °C
000680	TOC	"	"	EPA 415.1	_____	Damaged mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Damaged µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	_____	Damaged mg/L	1 mg/L
072020	Water Level (MSL)	"	"		_____	Damaged Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95
 Test Site ID #: 4051A16235 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 2MW-7 Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): DRY

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	_____	Dry mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	_____	Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	_____	Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Dry mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	_____	Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	_____	Dry mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	_____	Dry mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	_____	Dry mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	_____	Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	_____	Dry °C	0 °C
000680	TOC	"	"	EPA 415.1	_____	Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	_____	Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"		_____	Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95 @ 1450
 Test Site ID #: 4051A16232 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 4MW-7 Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): 29.08

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	10/05/95 1100	<0.15 mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	10/06/95 1515	3.23 mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	10/03/95 1530	0.303 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	10/04/95 1000	5.08 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	10/04/95 1500	170 mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	10/03/95 1450	7.27 Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	10/06/95 1500	0.02 mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	10/05/95 1400	1.25 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	10/05/95 1600	<0.15 mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	10/06/95 1415	<0.02 mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	10/03/95 1450	26.26 °C	0 °C
000680	TOC	"	"	EPA 415.1	10/10/95 0900	15.3 mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/03/95 1450	262 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	10/05/95 1000	140 mg/L	1 mg/L
072020	Water Level (MSL)	"	"		10/03/95 1450	29.08 Feet	Feet

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95
 Test Site ID #: 4051A16236 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 2MW-8 Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): DRY

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	_____	Dry mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	_____	Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	_____	Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Dry mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	_____	Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	_____	Dry mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	_____	Dry mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	_____	Dry mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	_____	Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	_____	Dry °C	0 °C
000680	TOC	"	"	EPA 415.1	_____	Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	_____	Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"		_____	Dry Feet	Feet

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95 @ 1450
 Test Site ID #: 4051A16233 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 4MN-8 Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): 30.95

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Miz. Ded. Mon. System	No	EPA 353.2	10/05/95 1100	<0.15 mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	10/06/95 1515	3.44 mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	10/03/95 1530	6.23 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	10/04/95 1000	6.11 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	10/04/95 1500	185 mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	10/03/95 1330	7.37 737 Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	10/06/95 1500	0.21 mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	10/05/95 1400	2.04 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	10/05/95 1600	<0.15 mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	10/06/95 1415	<0.02 mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	10/03/95 1330	25.11 °C	0 °C
000680	TOC	"	"	EPA 415.1	10/10/95 0900	14.8 mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/03/95 1330	259 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	10/05/95 1000	133 mg/L	1 mg/L
072020	Water Level (MSL)	"	"		10/03/95 1330	30.95 Feet	Feet

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95
 Test Site ID #: 4051A16237 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 2MW-9 Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): DRY

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	_____	Dry mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	_____	Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	_____	Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Dry mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	_____	Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	_____	Dry mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	_____	Dry mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	_____	Dry mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	_____	Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	_____	Dry °C	0 °C
000680	TOC	"	"	EPA 415.1	_____	Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	_____	Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"		_____	Dry Feet	Feet

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95
 Test Site ID #: 4051A16238 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 2MW-10 Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): DRY

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	_____	Dry mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	_____	Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	_____	Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Dry mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	_____	Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	_____	Dry mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	_____	Dry mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	_____	Dry mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	_____	Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	_____	Dry °C	0 °C
000680	TOC	"	"	EPA 415.1	_____	Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	_____	Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"		_____	Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 10/03/95 @ 1245
 Test Site ID #: 4051A16234 Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: 4MW-9 Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): 29.03

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	10/05/95 1100	<0.15 mg/L	0.15 mg/L
000929	Sodium	"	"	EPA 273.1	10/06/95 1515	4.30 mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B	10/03/95 1530	0.535 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	10/04/95 1000	10.2 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	10/04/95 1500	203 mg/L	1 mg/L
000400	pH-Field	"	"	EPA 150.1	10/03/95 1245	7.22 Std. Units	0.01 Std. Units
001045	Iron	"	"	EPA 236.1	10/06/95 1500	0.08 mg/L	0.001 mg/L
000945	Sulfate	"	"	EPA 375.4	10/05/95 1400	1.99 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	10/05/95 1600	<0.15 mg/L	0.10 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	10/06/95 1415	<0.02 mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	10/03/95 1245	24.91 °C	0 °C
000680	TOC	"	"	EPA 415.1	10/10/95 0900	15.2 mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/03/95 1245	303 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	EPA 310.1	10/05/95 1000	162 mg/L	1 mg/L
072020	Water Level (MSL)	"	"		10/03/95 1245	29.03 Feet	Feet

*Attach Laboratory Reports



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

CLASS III LANDFILL
 HAYS ROAD
 SHADY HILLS, FL 34610-
 Attn: VINCENT MANNELLA

PROJECT NAME: CL III Q-IV 95
 DATE: 10/11/95
 DHRS # 54237, E44123

(Page 1 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB	
	DATE	TIME	SAMPLER	DATE	TIME MATRIX
40708	10/03/95	1450	JAMES SAINSBURY	10/03/95	1600 WW
40709	10/03/95	1330	JAMES SAINSBURY	10/03/95	1600 WW
40710	10/03/95	1245	JAMES SAINSBURY	10/03/95	1600 WW

CLIENT STATION ID:	CL III 4MW7	CL III 4MW8	CL III 4MW9
LAB #:	40708	40709	40710

PARAMETER	UNIT	CL III 4MW7	CL III 4MW8	CL III 4MW9
WATER LEVEL	FEET	29.08	30.95	29.03
FIELD PH	STD. UNITS	7.27	7.37	7.22
FIELD TEMPERATURE	DEGREES C	26.26	25.11	24.91
FIELD CONDUCTIVITY	umhos/cm	262	259	303
DISSOLVED OXYGEN, FIELD	mg/L	1.16	1.25	0.62
ALKALINITY, BICARB.	mg/l	140	133	162
TOT. ORGANIC CARBON	mg/L	15.3	14.8	15.2
CHLORIDE	mg/L	5.08	6.11	10.2
TOTAL COLIFORM MF	MF/100 ml	<1	<1	<1
NON-COLIFORM MF	MF/100 ml	134	3	4
FECAL COLIFORM MF	MF/100 ml	<1	<1	<1
AMMONIA NITROGEN	mg/L	<0.07	<0.07	<0.07
UN-IONIZED AMMONIA N	mg/L	<0.02	<0.02	<0.02
NITRATE	mg/L	<0.15	<0.15	<0.15
PH, LAB	std units	7.57	7.55	7.49
TEMPERATURE, LAB	degrees C	15.2	13.7	14.8
TOTAL DISS. SOLIDS	mg/L	170	185	203
SPEC. CONDUCTIVITY	umhos	248	240	288
SULFATE	mg/L	1.25	2.04	1.99

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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(Page 2 of 2)

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CLIENT STATION ID:	CL III 4MW7	CL III 4MW8	CL III 4MW9
LAB #:	40708	40709	40710

TURBIDITY	NTU	0.303	6.23	0.535
IRON, TOTAL	mg/L	0.02	0.21	0.08
MERCURY, TOTAL	mg/L	0.0008	0.0014	0.0006
SODIUM, TOTAL	mg/L	3.23	3.44	4.30

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 10/11/95

QA/QC for SAMPLE Nos: 40708, 40709, 40710,

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Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
ALKALINITY.BICARB. EPA310.1 mg/l	40710	162	163	1.0	0.62	-----	QC#9952	186	191	102.70
TOT.ORGANIC CARBON EPA 415.1 mg/L	40669	40.22	42.32	2.1	5.09	-----	KHP	10.000	10.450	104.50
	40788	-----	-----	-----	-----	95.48	KHP	4.000	4.201	105.02
CHLORIDE EPA 325.3 mg/L	40618	180	176	4.0	2.25	-----	STD	60.00	57.8	96.30
	40654	695	699	4.0	0.57	-----	STD	60.0	56.4	94.00
	40668	10.17	9.72	0.45	4.52	104.40	STD6	60.0	57.6	96.00
	40684	-----	-----	-----	-----	95.20	-----	-----	-----	-----
	40704	50.8	48.6	2.2	4.43	-----	-----	-----	-----	-----
	40708	5.08	4.94	0.14	2.79	-----	-----	-----	-----	-----
TOTAL COLIFORM MF 909A MF/100 ml	40710	<1	<1	0.50	0.00	-----	-----	-----	-----	-----
NON-COLIFORM MF 909A MF/100 ml	40710	4	11	7.0	93.33	-----	-----	-----	-----	-----
FECAL COLIFORM MF 909C MF/100 ml	40710	<1	<1	0.50	0.00	-----	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 10/11/95

QA/QC for SAMPLE Nos: 40708, 40709, 40710.

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Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
AMMONIA NITROGEN SM4500NH3E mg/L	40719	0.13	0.15	0.020	14.29	96.50	-----	-----	-----	-----
UN-IONIZED AMMONIA N EPA 350.1 mg/L	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
NITRATE EPA 353.2 mg/L	40702	<0.15	<0.15	0.075	0.00	-----	N03 STD	4.000	3.841	96.02
	40730	9.994	9.992	0.0020	0.02	-----	N03 STD	4.000	3.838	95.95
	40763	-----	-----	-----	-----	98.09	-----	-----	-----	-----
PH.LAB EPA150.1 std units	40710	7.49	7.51	0.020	0.27	-----	-----	-----	-----	-----
TEMPERATURE, LAB EPA 150.1 degrees C	40710	14.8	15.8	1.0	6.54	-----	-----	-----	-----	-----
TOTAL DISS.SOLIDS EPA160.1 mg/L	40617	40	43	3.0	7.23	-----	STD	293	288	98.30
	40710	203	204	1.0	0.49	-----	-----	-----	-----	-----
SPEC.CONDUCTIVITY EPA120.1 umhos	40710	288	290	2.0	0.69	-----	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 10/11/95

QA/QC for SAMPLE Nos: 40708, 40709, 40710,

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Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
SULFATE EPA375.4 mg/L	40753 40758	19.3	20.1	0.80	4.06	----- 97.50	STD	20.00	20.67	103.40
TURBIDITY EPA180.1 NTU	40710	0.535	0.486	0.049	9.60	-----	-----	-----	-----	-----
IRON, TOTAL 236.2 mg/L	40708	0.064	0.060	0.0040	6.45	109.50	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	40709	1.36	1.33	0.030	2.23	97.80	3414	8.13	8.81	108.40
SODIUM, TOTAL 273.1 mg/L	40790	15.96	15.87	0.090	0.57	104.80	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
BICARB. ALK	EPA310.1	10/05/95	1000	JK
CL-	EPA 325.3	10/04/95	1000	JK
COND	EPA120.1	10/03/95	1530	CSC
COND, FIELD	EPA 120.1	10/03/95	1245	JAM
DO, FIELD	EPA 360.1	10/03/95	1245	JAM
FE/T/AA	236.2	10/06/95	1500	TER
FECAL MF	909C	10/03/95	1700	MR
FIELD TEMP	EPA 170.1	10/03/95	1245	JAM
H2O LEVEL	FIELD	10/03/95	1245	JAM
HG/T/CVAA	245.1	10/09/95	1540	TER
NA/T/FLAA	273.1	10/06/95	1515	TER
NC MF	909A	10/04/95	1130	MR
NH3	SM4500NH3E	10/05/95	1600	TER
NH3-UNION	EPA 350.1	10/06/95	1415	CEM
NO3	EPA 353.2	10/05/95	1100	IF
PH	EPA150.1	10/03/95	1530	CSC
PH, FIELD	EPA 150.0	10/03/95	1245	JAM
SO4	EPA375.4	10/05/95	1400	JK
TC MF	909A	10/04/95	1130	MR
TDS	EPA160.1	10/04/95	1500	JK
TEMP., LAB	EPA 150.1	10/03/95	1530	CSC
TOC	EPA 415.1	10/10/95	0900	IF
TURB	EPA180.1	10/03/95	1530	CSC