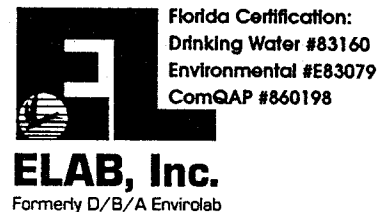


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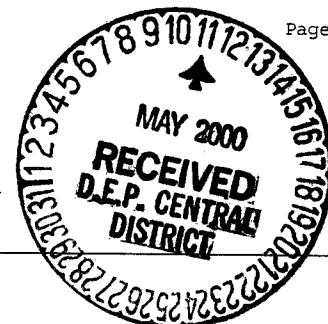


ANALYTICAL REPORT

Page 1

Submission Number: 9910000443
Date Received: 10/19/99
Date Reported: 10/29/99

Client's P.O. Number: PA 75233
Project Number:
Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1



Lab Sample Number: 9910443 1
Client Sample Number: 1
Sample Description: EQ BLANK

Date Sampled: 10/18/99
Sample Matrix: GROUND WATER

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1.50		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	3.1		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	7.71		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	26.4		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/25/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 1 Date Sampled: 10/18/99
Client Sample Number: 1 Sample Matrix: GROUND WATER
Sample Description: EQ BLANK

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 2 Date Sampled: 10/18/99
Client Sample Number: 2 Sample Matrix: GROUND WATER
Sample Description: B5-34

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	334		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	2.0		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	5.87		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	24.6		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	1.10		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/25/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 2 Date Sampled: 10/18/99
Client Sample Number: 2 Sample Matrix: GROUND WATER
Sample Description: B5-34

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

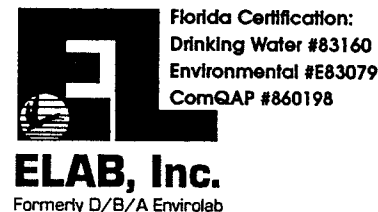
Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 3 Date Sampled: 10/18/99
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B5-32

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	346		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	2.1		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	5.88		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	27.4		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	11.0		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/25/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 3 Date Sampled: 10/18/99
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B5-32

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

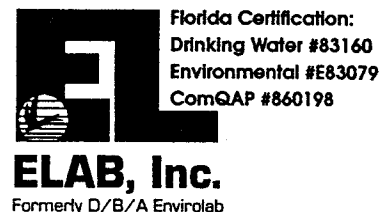
Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 4 Date Sampled: 10/18/99
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B5-22

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	699		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	2.0		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.27		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	23.1		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.700		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/25/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROMETHANE	0.83		ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 4 Date Sampled: 10/18/99
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B5-22

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	ETHYLBENZENE	3.4		ug/L	0.50	JSA/BJ	10/25/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TOLUENE	8.7		ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	VINYL CHLORIDE	1.9		ug/L	0.50	JSA/BJ	10/25/99	
8260	XYLENES (Total)	6.3		ug/L	0.50	JSA/BJ	10/25/99	

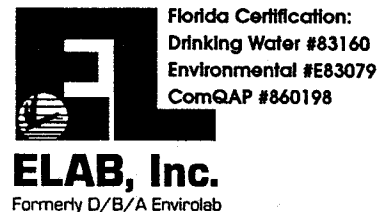
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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 5 Date Sampled: 10/18/99
Client Sample Number: 5 Sample Matrix: GROUND WATER
Sample Description: B5-35

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	426		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	1.4		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.37		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	24.9		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	2.70		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/25/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 5 Date Sampled: 10/18/99
Client Sample Number: 5 Sample Matrix: GROUND WATER
Sample Description: B5-35

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

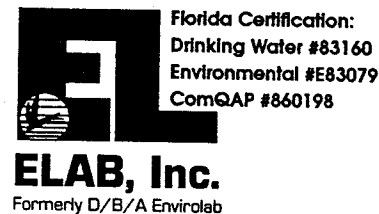
Data Qualifier Code Key:

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

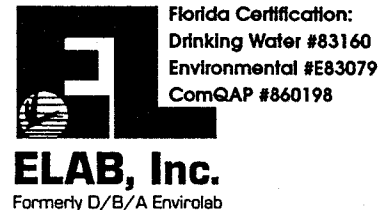
Lab Sample Number: 9910443 6 Date Sampled: 10/18/99
Client Sample Number: 6 Sample Matrix: GROUND WATER
Sample Description: B5-37B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1270		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	1.5		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.25		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	22.7		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	2.60		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/25/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	CHLOROMETHANE	1.1		ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 6 Date Sampled: 10/18/99
Client Sample Number: 6 Sample Matrix: GROUND WATER
Sample Description: B5-37B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/25/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/25/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/25/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

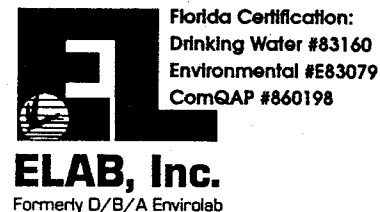
Lab Sample Number: 9910443 7 Date Sampled: 10/18/99
Client Sample Number: 7 Sample Matrix: GROUND WATER
Sample Description: B5-37A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1410		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	1.4		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.51		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	24.4		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.950		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 7 Date Sampled: 10/18/99
Client Sample Number: 7 Sample Matrix: GROUND WATER
Sample Description: B5-37A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

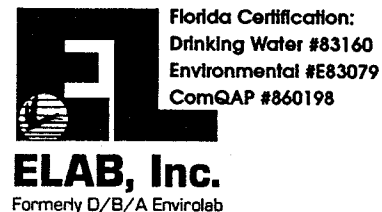
Lab Sample Number: 9910443 8 Date Sampled: 10/18/99
Client Sample Number: 8 Sample Matrix: GROUND WATER
Sample Description: B-37-1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	2150		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	1.4		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.43		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	24.1		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	2.70		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	6.2		ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	1.2		ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 8 Date Sampled: 10/18/99
Client Sample Number: 8 Sample Matrix: GROUND WATER
Sample Description: B-37-1

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Date
					Limit		Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	6.4		ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 9 Date Sampled: 10/18/99
Client Sample Number: 9 Sample Matrix: GROUND WATER
Sample Description: B-37-2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	529		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.87		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	5.74		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	25.6		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	3.10		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	140		ug/L	2.5	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 9 Date Sampled: 10/18/99
Client Sample Number: 9 Sample Matrix: GROUND WATER
Sample Description: B-37-2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	1.8		ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	270		ug/L	2.5	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 10 Date Sampled: 10/18/99
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B-5

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	740		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.77		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.71		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	23.9		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.680		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 10 Date Sampled: 10/18/99
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B-5

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	1.6		ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 11 Date Sampled: 10/19/99
Client Sample Number: 11 Sample Matrix: GROUND WATER
Sample Description: B5-30B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	897		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.80		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.33		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	23.6		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 11 Date Sampled: 10/19/99
Client Sample Number: 11 Sample Matrix: GROUND WATER
Sample Description: B5-30B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 12 Date Sampled: 10/19/99
Client Sample Number: 12 Sample Matrix: GROUND WATER
Sample Description: B5-30A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	2130		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.77		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.52		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	26.0		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	1.20		NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	1.1		ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 12 Date Sampled: 10/19/99
Client Sample Number: 12 Sample Matrix: GROUND WATER
Sample Description: B5-30A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

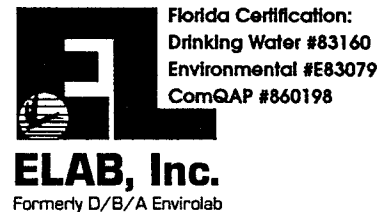
Lab Sample Number: 9910443 13 Date Sampled: 10/19/99
Client Sample Number: 13 Sample Matrix: GROUND WATER
Sample Description: B5-25

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	914		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.57		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.54		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	24.1		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.79	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 13 Date Sampled: 10/19/99
Client Sample Number: 13 Sample Matrix: GROUND WATER
Sample Description: B5-25

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

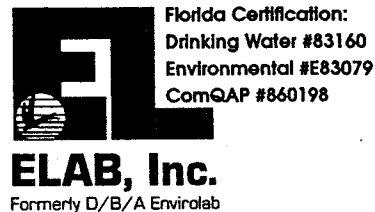
Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

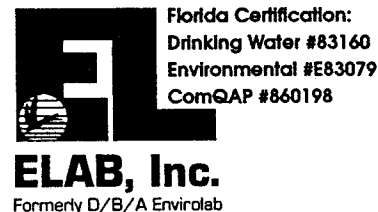
Lab Sample Number: 9910443 14 Date Sampled: 10/19/99
Client Sample Number: 14 Sample Matrix: GROUND WATER
Sample Description: B5-28

Method	Analyte	Result	Q	Units	Limit	Reporting Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	789		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.86		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.26		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	23.9		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	1000	U	ug/L	1000	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	4000	U	ug/L	4000	JSA/BJ	10/26/99	
8260	BENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMOFORM	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	100	U	ug/L	100	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROFORM	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	1000	U	ug/L	1000	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 14 Date Sampled: 10/19/99
Client Sample Number: 14 Sample Matrix: GROUND WATER
Sample Description: B5-28

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Date Prepared
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	100	U	ug/L	100	JSA/BJ	10/26/99	
8260	IODOMETHANE	200	U	ug/L	200	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	100	U	ug/L	100	JSA/BJ	10/26/99	
8260	STYRENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TOLUENE	1300		ug/L	50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	200	U	ug/L	200	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	6600		ug/L	50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	50	U	ug/L	50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 15 Date Sampled: 10/19/99
Client Sample Number: 15 Sample Matrix: GROUND WATER
Sample Description: B5-28 DUP

Method	Analyte	Result	Q	Units	Limit	Reporting Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	789		umho/cm	1	KD	10/18/99	
360.1	DISSOLVED OXYGEN (Field)	0.86		mg/L	0.10	KD	10/18/99	
150.1	pH (Field)	6.26		UNIT	N/A	KD	10/18/99	
170.1	TEMPERATURE (Field)	23.9		DEG C	N/A	KD	10/18/99	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	KD	10/18/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	1000	U	ug/L	1000	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	4000	U	ug/L	4000	JSA/BJ	10/26/99	
8260	BENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMOFORM	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	100	U	ug/L	100	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROFORM	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	1000	U	ug/L	1000	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	

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DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 15 Date Sampled: 10/19/99
Client Sample Number: 15 Sample Matrix: GROUND WATER
Sample Description: B5-28 DUP

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	100	U	ug/L	100	JSA/BJ	10/26/99	
8260	IODOMETHANE	200	U	ug/L	200	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	100	U	ug/L	100	JSA/BJ	10/26/99	
8260	STYRENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TOLUENE	1100		ug/L	50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	50	U	ug/L	50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	200	U	ug/L	200	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	5800		ug/L	50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	50	U	ug/L	50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 16 Date Sampled: 10/18/99
Client Sample Number: 16 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK #1

Method	Analyte	Result	Q	Units	Limit	Reporting Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 16 Date Sampled: 10/18/99
Client Sample Number: 16 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK #1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Lab Sample Number: 9910443 17 Date Sampled: 10/19/99
Client Sample Number: 17 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK #2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA/BJ	10/26/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

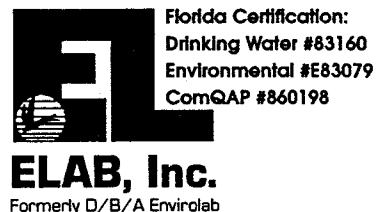
Lab Sample Number: 9910443 17 Date Sampled: 10/19/99
Client Sample Number: 17 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK #2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	BENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

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ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9910443 17 Date Sampled: 10/19/99
Client Sample Number: 17 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK #2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA/BJ	10/26/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA/BJ	10/26/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA/BJ	10/26/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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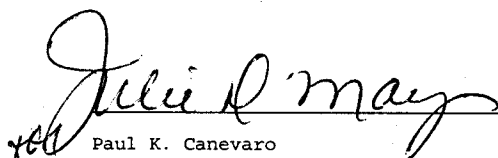
ANALYTICAL REPORT

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Submission Number: 9910000443 Client's P.O. Number: PA 75233
Date Received: 10/19/99 Project Number:
Date Reported: 10/29/99 Project Name: TOMOKA LANDFILL B-5 STUDY, OCTOBER
Elab Report Name: Finalnew->Final2.RP1

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted:



Paul K. Canevaro
Laboratory Director

Elab, Inc. 8 East Tower Circle Ormond Beach, FL 32174 (904)672-5668 • FAX (904)673-4001

CHAIN OF CUSTODY RECORD No. E 30964 Page 1 of 2

FOR LAB USE ONLY Submission No. 9910-1413

Temp. of Contents: 4 Condition of Contents: VOA Condition of Seals: VOA

Address: 1990 Tomoka Farms Rd. Phone: ()

City: Daytona Beach State: FL Zip Code: 32114 Fax: ()

Address: Zip Code: Rush: / /

18. Report Type: Routine Standard QC Datapackage

19. Turnaround Time: Standard

Preservative Codes (for Item 15): C = Cool Only H = Hydrochloric Acid M = Monochloroacetic Acid N = Nitric Acid OH = Sodium Hydroxide S = Sulfuric Acid T = Sodium Thiosulfate

1. Client: (Company or Individual) Volusia County Solid Waste Mgmt. 2. Report to: (if different from above) 3. Client Project Name: B-5 Study, October 4. Client Project No.: PA 75233 5. P.O. No.: 6. Custody Seal No.: 7. Sampled By: KD 8. Shipping Method:

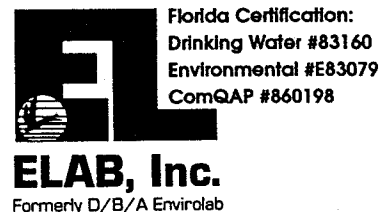
Item	9. Sample ID or No.	10. Sample Description	11. Date	12. Time				13. Container Codes (for Item 16)	14. No. of Containers				15. Preservatives	16. Containers	17. Analyses Requested	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
				Comp.	Grab	Water (Codes)	Air		Soil	Sludge	Other						
1	1	EQ BLANK	10-8-99	1117													1
2	2	B5-34		1230													2
3	3	B5-32		1318													3
4	4	B5-22		1405													4
5	5	B5-35		1420													5
6	6	B5-37B		1453													6
7	7	B5-37A		1510													7
8	8	B-37-1		1535													8
9	9	B-37-2		1549													9
10	10	B-5		1620													10
21. RELINQUISHED BY	Date		TIME	22. RECEIVED BY				DATE	TIME	FOR LAB USE ONLY							
1	10-8-99		1415	10-9-99				1415	Sampling Fee: Hrs.								
2										Equipment Rental Fee:							
3										Profile No.: 702							
4										Quote No.: 639							

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter

Revised: 1/99

B5 Study

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 1

Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1



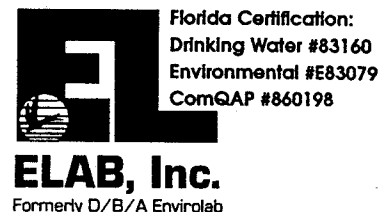
Lab Sample Number: 9912434 1 Date Sampled: 12/15/99
Client Sample Number: 1 Sample Matrix: GROUND WATER
Sample Description: EQ

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	7.00		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	7.7		mg/L	0.10	SM	12/15/99	
150.1	pH (Field)	6.52		UNIT	N/A	SM	12/15/99	
170.1	TEMPERATURE (Field)	19.5		DEG C	N/A	SM	12/15/99	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	SM	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	15		ug/L	10	JSA	12/28/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/28/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/28/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	

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MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 2

Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 1 Date Sampled: 12/15/99
Client Sample Number: 1 Sample Matrix: GROUND WATER
Sample Description: EQ

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Prepared
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/28/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/28/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/28/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 3

Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

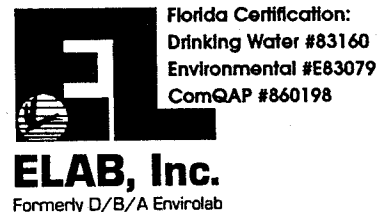
Lab Sample Number: 9912434 2 Date Sampled: 12/13/99
Client Sample Number: 2 Sample Matrix: GROUND WATER
Sample Description: B5

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	745		umho/cm	1	SM	12/13/99	
360.1	DISSOLVED OXYGEN (Field)	2.0		mg/L	0.10	SM	12/13/99	
150.1	pH (Field)	7.02		UNIT	N/A	SM	12/13/99	
170.1	TEMPERATURE (Field)	23.1		DEG C	N/A	SM	12/13/99	
180.1	TURBIDITY (Field)	21.0		NTU	0.10	SM	12/13/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/24/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/24/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/24/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 2 Date Sampled: 12/13/99
Client Sample Number: 2 Sample Matrix: GROUND WATER
Sample Description: B5

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/24/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/24/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/24/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 3 Date Sampled: 12/15/99
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B5-22

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/28/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/28/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/28/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

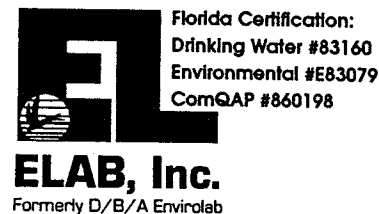
Page 5

Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 3 Date Sampled: 12/15/99
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B5-22

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	650		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	2.0		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.38		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	21.5		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	1.07		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/28/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/28/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/28/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	

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DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 4 Date Sampled: 12/15/99
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B5-25

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	919		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	1.3		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.62		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	23.7		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	2.01		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/28/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/28/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLORO BENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,4-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/28/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	

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MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

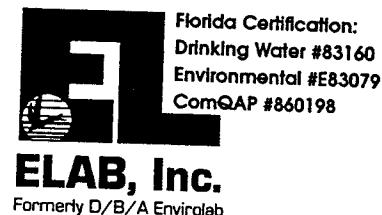
Lab Sample Number: 9912434 Date Sampled: 12/15/99
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B5-25

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/28/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/28/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/28/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/28/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/28/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434
Date Received: 12/15/99
Date Reported: 01/11/00
Client's P.O. Number:
Project Number:
Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 5
Client Sample Number: 5
Sample Description: B5-28
Date Sampled: 12/15/99
Sample Matrix: GROUND WATER

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1030		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	1.6		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.27		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	23.4		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	1.70		NTU	0.10	PS	12/15/99	
	<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>							
8260	ACETONE	200	U	ug/L	200	JSA	12/29/99	
8260	ACRYLONITRILE	800	U	ug/L	800	JSA	12/29/99	
8260	BENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	BROMOFORM	10	U	ug/L	10	JSA	12/29/99	
8260	BROMOMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	2-BUTANONE (MEK)	20	U	ug/L	20	JSA	12/29/99	
8260	CARBON DISULFIDE	10	U	ug/L	10	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROBENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROFORM	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	DIBROMOMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	200	U	ug/L	200	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	78		ug/L	10	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 5 Date Sampled: 12/15/99
Client Sample Number: 5 Sample Matrix: GROUND WATER
Sample Description: B5-28

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Date
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	10	U	ug/L	10	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	10	U	ug/L	10	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	10	U	ug/L	10	JSA	12/29/99	
8260	ETHYLBENZENE	47		ug/L	10	JSA	12/29/99	
8260	2-HEXANONE (MBK)	20	U	ug/L	20	JSA	12/29/99	
8260	IODOMETHANE	40	U	ug/L	40	JSA	12/29/99	
8260	METHYLENE CHLORIDE	10	U	ug/L	10	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	20	U	ug/L	20	JSA	12/29/99	
8260	STYRENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	TETRACHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	
8260	TOLUENE	530		ug/L	10	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	TRICHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	10	U	ug/L	10	JSA	12/29/99	
8260	VINYL ACETATE	40	U	ug/L	40	JSA	12/29/99	
8260	VINYL CHLORIDE	1600		ug/L	10	JSA	12/29/99	
8260	XYLENES (Total)	110		ug/L	10	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

MS. SUSAN GAZE
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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 6 Date Sampled: 12/15/99
Client Sample Number: 6 Sample Matrix: GROUND WATER
Sample Description: B5-28 (DUP)

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	1030		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	1.6		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.27		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	23.4		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	1.70		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	200	U	ug/L	200	JSA	12/29/99	
8260	ACRYLONITRILE	800	U	ug/L	800	JSA	12/29/99	
8260	BENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	BROMOFORM	10	U	ug/L	10	JSA	12/29/99	
8260	BROMOMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	2-BUTANONE (MEK)	20	U	ug/L	20	JSA	12/29/99	
8260	CARBON DISULFIDE	10	U	ug/L	10	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROBENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROFORM	10	U	ug/L	10	JSA	12/29/99	
8260	CHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	DIBROMOMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	10	U	ug/L	10	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	200	U	ug/L	200	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	64		ug/L	10	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

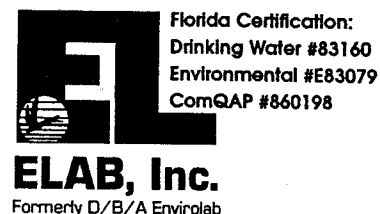
Lab Sample Number: 9912434 6 Date Sampled: 12/15/99
Client Sample Number: 6 Sample Matrix: GROUND WATER
Sample Description: B5-28 (DUP)

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Date
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	10	U	ug/L	10	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	10	U	ug/L	10	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	10	U	ug/L	10	JSA	12/29/99	
8260	ETHYLBENZENE	58		ug/L	10	JSA	12/29/99	
8260	2-HEXANONE (MBK)	20	U	ug/L	20	JSA	12/29/99	
8260	IODOMETHANE	40	U	ug/L	40	JSA	12/29/99	
8260	METHYLENE CHLORIDE	10	U	ug/L	10	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	20	U	ug/L	20	JSA	12/29/99	
8260	STYRENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	TETRACHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	
8260	TOLUENE	1100		ug/L	10	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	TRICHLOROETHENE	10	U	ug/L	10	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	10	U	ug/L	10	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	10	U	ug/L	10	JSA	12/29/99	
8260	VINYL ACETATE	40	U	ug/L	40	JSA	12/29/99	
8260	VINYL CHLORIDE	1900		ug/L	10	JSA	12/29/99	
8260	XYLENES (Total)	150		ug/L	10	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 7 Date Sampled: 12/15/99
Client Sample Number: 7 Sample Matrix: GROUND WATER
Sample Description: B5-30A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1930		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	2.1		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.61		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	22.5		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	2.95		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	1.7		ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	3.7		ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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MS. SUSAN GAZE
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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 7 Date Sampled: 12/15/99
Client Sample Number: 7 Sample Matrix: GROUND WATER
Sample Description: B5-30A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	1.4		ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 8 Date Sampled: 12/15/99
Client Sample Number: 8 Sample Matrix: GROUND WATER
Sample Description: B5-30B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	1030		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	2.7		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.49		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	23.4		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	2.05		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	4.1		ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 8 Date Sampled: 12/15/99
Client Sample Number: 8 Sample Matrix: GROUND WATER
Sample Description: B5-30B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	1.2		ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	1.9		ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

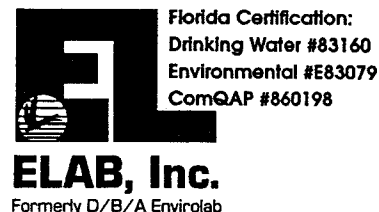
Lab Sample Number: 9912434 9 Date Sampled: 12/15/99
Client Sample Number: 9 Sample Matrix: GROUND WATER
Sample Description: B5-32

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	319		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	8.2		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.11		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	22.1		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	12.8		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 9 Date Sampled: 12/15/99
Client Sample Number: 9 Sample Matrix: GROUND WATER
Sample Description: B5-32

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Date
					Limit		Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 10 Date Sampled: 12/15/99
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B5-34

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	338		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	1.3		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	5.96		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	23.3		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	2.89		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

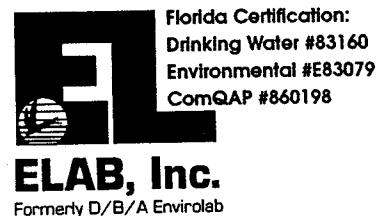
Lab Sample Number: 9912434 10 Date Sampled: 12/15/99
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B5-34

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 11 Date Sampled: 12/15/99
Client Sample Number: 11 Sample Matrix: GROUND WATER
Sample Description: B5-35

Method	Analyte	Result	Q	Units	Limit	Reporting Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	569		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	4.0		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.44		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	20.3		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	1.59		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLORO BENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 11 Date Sampled: 12/15/99
Client Sample Number: 11 Sample Matrix: GROUND WATER
Sample Description: B5-35

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 12 Date Sampled: 12/15/99
Client Sample Number: 12 Sample Matrix: GROUND WATER
Sample Description: B5-37A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1140		umho/cm	1	PS	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	4.5		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.70		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	20.9		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	1.03		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 12 Date Sampled: 12/15/99
Client Sample Number: 12 Sample Matrix: GROUND WATER
Sample Description: B5-37A

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Prepared
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/29/99	

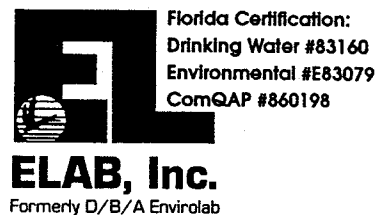
Data Qualifier Code Key:

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

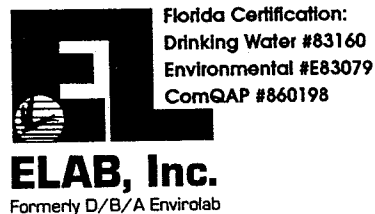
Lab Sample Number: 9912434 13 Date Sampled: 12/15/99
Client Sample Number: 13 Sample Matrix: GROUND WATER
Sample Description: B5-37B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	855		umho/cm	1	SM	12/15/99	
360.1	DISSOLVED OXYGEN (Field)	0.85		mg/L	0.10	PS	12/15/99	
150.1	pH (Field)	6.37		UNIT	N/A	PS	12/15/99	
170.1	TEMPERATURE (Field)	22.5		DEG C	N/A	PS	12/15/99	
180.1	TURBIDITY (Field)	2.35		NTU	0.10	PS	12/15/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	8.5		ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	

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DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 13 Date Sampled: 12/15/99
Client Sample Number: 13 Sample Matrix: GROUND WATER
Sample Description: B5-37B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	1.4		ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	1.9		ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 14 Date Sampled: 12/13/99
Client Sample Number: 14 Sample Matrix: GROUND WATER
Sample Description: B37-1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	1290		umho/cm	1	SM	12/13/99	
360.1	DISSOLVED OXYGEN (Field)	1.8		mg/L	0.10	SM	12/13/99	
150.1	pH (Field)	6.13		UNIT	N/A	SM	12/13/99	
170.1	TEMPERATURE (Field)	20.6		DEG C	N/A	SM	12/13/99	
180.1	TURBIDITY (Field)	22.0		NTU	0.10	SM	12/13/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/24/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/24/99	
8260	BENZENE	3.0		ug/L	0.50	JSA	12/24/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/24/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

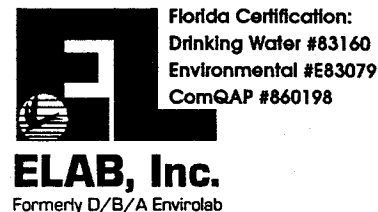
Lab Sample Number: 9912434 14 Date Sampled: 12/13/99
Client Sample Number: 14 Sample Matrix: GROUND WATER
Sample Description: B37-1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/24/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/24/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/24/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 15 Date Sampled: 12/13/99
Client Sample Number: 15 Sample Matrix: GROUND WATER
Sample Description: B37-2

Method	Analyte	Result	Q	Units	Reporting		Date Analyzed	Date Prepared
					Limit	Analyst		
120.1	SPECIFIC CONDUCTANCE(Field)	1580		umho/cm	1	SM	12/13/99	
360.1	DISSOLVED OXYGEN (Field)	1.9		mg/L	0.10	SM	12/13/99	
150.1	pH (Field)	5.76		UNIT	N/A	SM	12/13/99	
170.1	TEMPERATURE (Field)	20.5		DEG C	N/A	SM	12/13/99	
180.1	TURBIDITY (Field)	9.20		NTU	0.10	SM	12/13/99	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/24/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/24/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/24/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 15 Date Sampled: 12/13/99
Client Sample Number: 15 Sample Matrix: GROUND WATER
Sample Description: B37-2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/24/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/24/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/24/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/24/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/24/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 9912434 16 Date Sampled: 12/15/99
Client Sample Number: 16 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	12/29/99	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	12/29/99	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	12/29/99	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	12/29/99	

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ANALYTICAL REPORT

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Submission Number: 9912000434 Client's P.O. Number:
Date Received: 12/15/99 Project Number:
Date Reported: 01/11/00 Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

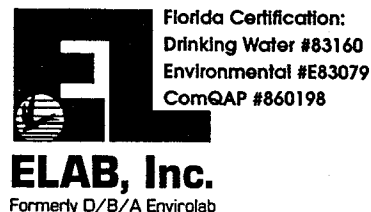
Lab Sample Number: 9912434 16 Date Sampled: 12/15/99
Client Sample Number: 16 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Date Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	12/29/99	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	12/29/99	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	12/29/99	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	12/29/99	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 33

Submission Number: 9912000434
Date Received: 12/15/99
Date Reported: 01/11/00

Client's P.O. Number:
Project Number:
Project Name: DECEMBER B5 STUDY
Elab Report Name: Finalnew->Final2.RP1

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted:

A handwritten signature in cursive script, reading 'Paul K. Canevaro', is written over a horizontal line.

Paul K. Canevaro
Laboratory Director

ELAB, Inc.
Ormond Beach, FL 32174
(904)672-5668 • FAX (904)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF C 'TODY RECORD

No. E 28729

Page _____ of **2**

FOR LAB USE ONLY

Condition of Contents:

Temp. of Contents:	°C (or Received on Ice, ROI)	Condition of Seals:
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五

9717-434

1. Client: (Company or Individual)

Vol. Co. Solid Waste Mgmt

2. Report to: (if different from above)

3. Client Project Name:

3. Client Project Name: December B5 Study

4. Client Project No.:

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By:

3. Shipping Method:

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.				
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other
1		EQ	12/15	11:00		X	GW				
2		B5	12/15	-		X	GW				
3		B5-22	12/15	1456		X	GW				
4		B5-25	12/15	1537		X	GW				
5		B5-28	12/15	1211		X	GW				
6		B5-28 (Dup)	12/15	1212		X	GW				
7		B5-30A	12/15	1323		X	GW				
8		B5-30B	12/15	1258		X	GW				
9		B5-32	12/15	1133		X	GW				
10		B5-34	12/15	1051		X	GW				

21.	RELINQUISHED BY	DATE	TIME	22.	RECEIVED BY
1		7/15/99	1620		

[illegible]

Y	DATE	TIME	FOR LAB USE ONLY
	12-5-88	16:00	Sampling Fee:

					Equipment Res
					Profile No: 765

Hrs. _____

Quote No.:	639
Monthly Fee:	

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter

Revised: 1/99



Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(904)672-5668 • FAX (904)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF C

TODY RECORD

No. E 28730

Page 2 of 2

FOR LAB USE ONLY

Condition of Contents:

Submission No.

Temp. of Contents: °C (or Received on Ice, ROI)

Condition of Seals:

1. Client: (Company or Individual)

Address:

Phone: ()

18. Report Type:

Vol. Co. Solid Waste Mgmt

City: **D.B.**

State: **FL**

Zip Code: **FL**

Fax: ()

2. Report to: (if different from above)

Address:

Phone: ()

19. Turnaround Time

City:

State:

Zip Code:

Fax: ()

City:

State:

Zip Code:

Fax: ()

City:

State:

Zip Code:

Fax: ()

City:

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Fax: ()

City:

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114

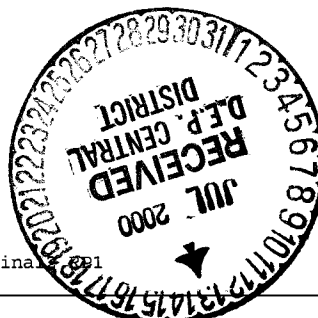


ANALYTICAL REPORT

Page 1

Submission Number: 6000486
Date Received: 06/19/00
Date Reported: 07/03/00

Client's P.O. Number:
Project Number:
Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final



Lab Sample Number: 0006486 1
Client Sample Number: 1
Sample Description: EQ BLANK

Date Sampled: 06/19/00
Sample Matrix: GROUND WATER

Method	Analyte	Result	Q	Units	Limit	Reporting Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1.20		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	4.2		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	8.11		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	23.2		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	0.10	U	NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/26/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/26/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/26/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 2

Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 1 Date Sampled: 06/19/00
Client Sample Number: 1 Sample Matrix: GROUND WATER
Sample Description: EQ BLANK

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/26/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 3

Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 2 Date Sampled: 06/19/00
Client Sample Number: 2 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/26/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/26/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLORO BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,4-DICHLORO BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/26/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/26/00	

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MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 4

Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 2 Date Sampled: 06/19/00
Client Sample Number: 2 Sample Matrix: GROUND WATER
Sample Description: TRIP BLANK

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/26/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Lab Sample Number: 0006486 3 Date Sampled: 06/06/00
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B37-1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	923		umho/cm	1	KD	06/06/00	
360.1	DISSOLVED OXYGEN (Field)	1.3		mg/L	0.10	KD	06/06/00	
150.1	pH (Field)	6.69		UNIT	N/A	KD	06/06/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

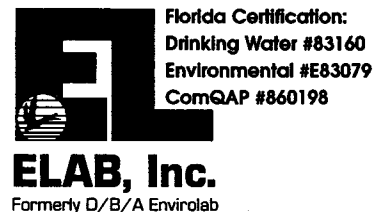
Lab Sample Number: 0006486 3 Date Sampled: 06/06/00
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B37-1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
170.1	TEMPERATURE (Field)	24.2		DEG C	N/A	KD	06/06/00	
180.1	TURBIDITY (Field)	5.03		NTU	0.10	KD	06/06/00	
	NO SAMPLE FOR ANALYSIS	N/A		N/A		N/A		
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/17/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/17/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/17/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/17/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 3 Date Sampled: 06/06/00
Client Sample Number: 3 Sample Matrix: GROUND WATER
Sample Description: B37-1

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/17/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/17/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/17/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Lab Sample Number: 0006486 4 Date Sampled: 06/06/00
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B37-2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 Date Sampled: 06/06/00
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B37-2

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1970		umho/cm	1	KD	06/06/00	
360.1	DISSOLVED OXYGEN (Field)	0.82		mg/L	0.10	KD	06/06/00	
150.1	pH (Field)	6.56		UNIT	N/A	KD	06/06/00	
170.1	TEMPERATURE (Field)	23.0		DEG C	N/A	KD	06/06/00	
180.1	TURBIDITY (Field)	5.74		NTU	0.10	KD	06/06/00	
	NO SAMPLE FOR ANALYSIS	N/A		N/A		N/A		
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/17/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/17/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/17/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 4 Date Sampled: 06/06/00
Client Sample Number: 4 Sample Matrix: GROUND WATER
Sample Description: B37-2

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Prepared
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/17/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/17/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/17/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 5 Date Sampled: 06/06/00
Client Sample Number: 5 Sample Matrix: GROUND WATER
Sample Description: B5-B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	440		umho/cm	1	KD	06/06/00	
360.1	DISSOLVED OXYGEN (Field)	1.1		mg/L	0.10	KD	06/06/00	
150.1	pH (Field)	6.35		UNIT	N/A	KD	06/06/00	
170.1	TEMPERATURE (Field)	25.2		DEG C	N/A	KD	06/06/00	
180.1	TURBIDITY (Field)	5.55		NTU	0.10	KD	06/06/00	
	NO SAMPLE FOR ANALYSIS	N/A		N/A		N/A		
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/17/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/17/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/17/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 5 Date Sampled: 06/06/00
Client Sample Number: 5 Sample Matrix: GROUND WATER
Sample Description: B5-B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/17/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/17/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/17/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/17/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/17/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

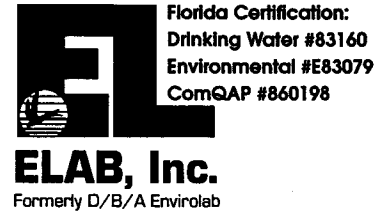
Lab Sample Number: 0006486 6 Date Sampled: 06/19/00
Client Sample Number: 6 Sample Matrix: GROUND WATER
Sample Description: B5-26A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	878		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.8		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.42		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.2		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	11.1		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/26/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/26/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/26/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

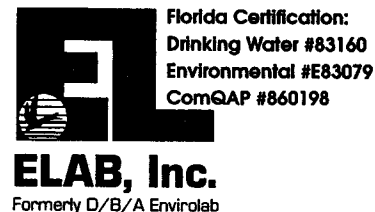
Lab Sample Number: 0006486 6 Date Sampled: 06/19/00
Client Sample Number: 6 Sample Matrix: GROUND WATER
Sample Description: B5-26A

Method	Analyte	Result	Q	Units	Reporting	Analyst	Date	Prepared
					Limit		Analyzed	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TOLUENE	9.4		ug/L	0.50	JSA	06/26/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	VINYL CHLORIDE	13		ug/L	0.50	JSA	06/26/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/26/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 7 Date Sampled: 06/19/00
Client Sample Number: 7 Sample Matrix: GROUND WATER
Sample Description: B5-26B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	1190		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.8		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.36		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	24.8		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	9.11		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/26/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/26/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/26/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

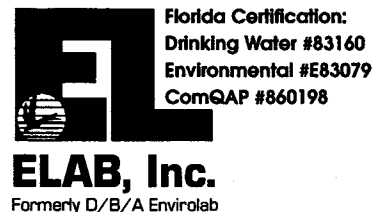
Lab Sample Number: 0006486 7 Date Sampled: 06/19/00
Client Sample Number: 7 Sample Matrix: GROUND WATER
Sample Description: B5-26B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	ETHYLBENZENE	0.99		ug/L	0.50	JSA	06/26/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/26/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TOLUENE	4.3		ug/L	0.50	JSA	06/26/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/26/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/26/00	
8260	VINYL CHLORIDE	3.4		ug/L	0.50	JSA	06/26/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/26/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 8 Date Sampled: 06/19/00
Client Sample Number: 8 Sample Matrix: GROUND WATER
Sample Description: B5-28

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	691		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.9		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.18		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	24.6		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	7.62		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	500	U	ug/L	500	JSA	06/26/00	
8260	ACRYLONITRILE	2000	U	ug/L	2000	JSA	06/26/00	
8260	BENZENE	25	U	ug/L	25	JSA	06/26/00	
8260	BROMOCHLOROMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	BROMODICHLOROMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	BROMOFORM	25	U	ug/L	25	JSA	06/26/00	
8260	BROMOMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	2-BUTANONE (MEK)	50	U	ug/L	50	JSA	06/26/00	
8260	CARBON DISULFIDE	25	U	ug/L	25	JSA	06/26/00	
8260	CARBON TETRACHLORIDE	25	U	ug/L	25	JSA	06/26/00	
8260	CHLOROBENZENE	25	U	ug/L	25	JSA	06/26/00	
8260	CHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	CHLOROFORM	25	U	ug/L	25	JSA	06/26/00	
8260	CHLOROMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	DIBROMOCHLOROMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,2-DIBROMOETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	DIBROMOMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,2-DICHLOROBENZENE	25	U	ug/L	25	JSA	06/26/00	
8260	1,4-DICHLOROBENZENE	25	U	ug/L	25	JSA	06/26/00	
8260	trans-1,4-DICHLORO-2-BUTENE	500	U	ug/L	500	JSA	06/26/00	
8260	1,1-DICHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,2-DICHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,1-DICHLOROETHENE	25	U	ug/L	25	JSA	06/26/00	
8260	cis-1,2-DICHLOROETHENE	25	U	ug/L	25	JSA	06/26/00	
8260	trans-1,2-DICHLOROETHENE	25	U	ug/L	25	JSA	06/26/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 8 Date Sampled: 06/19/00
Client Sample Number: 8 Sample Matrix: GROUND WATER
Sample Description: B5-28

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	25	U	ug/L	25	JSA	06/26/00	
8260	cis-1,3-DICHLOROPROPENE	25	U	ug/L	25	JSA	06/26/00	
8260	trans-1,3-DICHLOROPROPENE	25	U	ug/L	25	JSA	06/26/00	
8260	ETHYLBENZENE	58		ug/L	25	JSA	06/26/00	
8260	2-HEXANONE (MBK)	50	U	ug/L	50	JSA	06/26/00	
8260	IODOMETHANE	100	U	ug/L	100	JSA	06/26/00	
8260	METHYLENE CHLORIDE	25	U	ug/L	25	JSA	06/26/00	
8260	4-METHYL-2-PENTANONE (MIBK)	50	U	ug/L	50	JSA	06/26/00	
8260	STYRENE	25	U	ug/L	25	JSA	06/26/00	
8260	1,1,1,2-TETRACHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,1,2,2-TETRACHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	TETRACHLOROETHENE	25	U	ug/L	25	JSA	06/26/00	
8260	TOLUENE	1000		ug/L	25	JSA	06/26/00	
8260	1,1,1-TRICHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,1,2-TRICHLOROETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	TRICHLOROETHENE	25	U	ug/L	25	JSA	06/26/00	
8260	TRICHLOROFLUOROMETHANE	25	U	ug/L	25	JSA	06/26/00	
8260	1,2,3-TRICHLOROPROPANE	25	U	ug/L	25	JSA	06/26/00	
8260	VINYL ACETATE	100	U	ug/L	100	JSA	06/26/00	
8260	VINYL CHLORIDE	2700		ug/L	25	JSA	06/26/00	
8260	XYLENES (Total)	28		ug/L	25	JSA	06/26/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 9 Date Sampled: 06/19/00
Client Sample Number: 9 Sample Matrix: GROUND WATER
Sample Description: B5-30A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1860		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.9		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.56		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	24.9		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	11.6		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROBENZENE	22		ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.66		ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	2.6		ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 9 Date Sampled: 06/19/00
Client Sample Number: 9 Sample Matrix: GROUND WATER
Sample Description: B5-30A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 10 Date Sampled: 06/19/00
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B5-30B

Method	Analyte	Result	Q	Units	Limit	Reporting Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	907		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	2.0		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.36		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.0		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	13.8		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	2.6		ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROBENZENE	6.2		ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 10 Date Sampled: 06/19/00
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B5-30B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	0.77		ug/L	N/A	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 11 Date Sampled: 06/19/00
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B5-35

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	459		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.9		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.52		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.5		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	12.6		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 11 Date Sampled: 06/19/00
Client Sample Number: 10 Sample Matrix: GROUND WATER
Sample Description: B5-35

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 12 Date Sampled: 06/19/00
Client Sample Number: 12 Sample Matrix: GROUND WATER
Sample Description: B5-22

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1010		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	2.0		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.85		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.0		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	8.12		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 12 Date Sampled: 06/19/00
Client Sample Number: 12 Sample Matrix: GROUND WATER
Sample Description: B5-22

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	1.7		ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	3.4		ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	1.9		ug/L	0.50	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

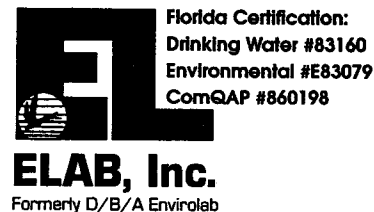
Lab Sample Number: 0006486 13 Date Sampled: 06/19/00
Client Sample Number: 13 Sample Matrix: GROUND WATER
Sample Description: B5-37B

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	1290		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.7		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.39		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.2		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	6.86		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	5.7		ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROBENZENE	3.2		ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 13 Date Sampled: 06/19/00
Client Sample Number: 13 Sample Matrix: GROUND WATER
Sample Description: B5-37B

Method	Analyte	Result	Q	Units	Reporting	Date		
					Limit	Analyst	Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 14 Date Sampled: 06/19/00
Client Sample Number: 14 Sample Matrix: GROUND WATER
Sample Description: B5-37A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE(Field)	1500		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.7		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.39		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.2		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	11.0		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 14 Date Sampled: 06/19/00
Client Sample Number: 14 Sample Matrix: GROUND WATER
Sample Description: B5-37A

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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ANALYTICAL REPORT

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Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 15 Date Sampled: 06/19/00
Client Sample Number: 15 Sample Matrix: GROUND WATER
Sample Description: B36

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
120.1	SPECIFIC CONDUCTANCE (Field)	648		umho/cm	1	SM	06/20/00	
360.1	DISSOLVED OXYGEN (Field)	1.9		mg/L	0.10	SM	06/20/00	
150.1	pH (Field)	6.46		UNIT	N/A	SM	06/20/00	
170.1	TEMPERATURE (Field)	25.3		DEG C	N/A	SM	06/20/00	
180.1	TURBIDITY (Field)	7.64		NTU	0.10	SM	06/20/00	
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	ACETONE	10	U	ug/L	10	JSA	06/27/00	
8260	ACRYLONITRILE	40	U	ug/L	40	JSA	06/27/00	
8260	BENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMODICHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	BROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-BUTANONE (MEK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	CARBON DISULFIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CARBON TETRACHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROFORM	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	CHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOCHLOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DIBROMOETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	DIBROMOMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,4-DICHLOROBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,4-DICHLORO-2-BUTENE	10	U	ug/L	10	JSA	06/27/00	
8260	1,1-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2-DICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,2-DICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(904) 672-5668 • Fax (904) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 30

Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0006486 15 Date Sampled: 06/19/00
Client Sample Number: 15 Sample Matrix: GROUND WATER
Sample Description: B36

Method	Analyte	Result	Q	Units	Reporting Limit	Analyst	Date Analyzed	Prepared
<u>VOLUSIA COUNTY LANDFILL VOLATILES</u>								
8260	1,2-DICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	cis-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	trans-1,3-DICHLOROPROPENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	ETHYLBENZENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	2-HEXANONE (MBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	IODOMETHANE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	METHYLENE CHLORIDE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	4-METHYL-2-PENTANONE (MIBK)	1.0	U	ug/L	1.0	JSA	06/27/00	
8260	STYRENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2,2-TETRACHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TETRACHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TOLUENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,1-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,1,2-TRICHLOROETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROETHENE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	TRICHLOROFLUOROMETHANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	1,2,3-TRICHLOROPROPANE	0.50	U	ug/L	0.50	JSA	06/27/00	
8260	VINYL ACETATE	2.0	U	ug/L	2.0	JSA	06/27/00	
8260	VINYL CHLORIDE	10		ug/L	0.50	JSA	06/27/00	
8260	XYLENES (Total)	0.50	U	ug/L	0.50	JSA	06/27/00	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 31

Submission Number: 6000486 Client's P.O. Number:
Date Received: 06/19/00 Project Number:
Date Reported: 07/03/00 Project Name: B-5 STUDY
Elab Report Name: Finalnew->Final2.RP1

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted:

A handwritten signature in black ink, appearing to read "Paul K. Canevaro", with a long horizontal flourish extending to the right.

Paul K. Canevaro
Laboratory Director



Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(904)672-5668 • FAX (904)673-4001
(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E 37748

Page 1 of 3

1. Client: (Company or Individual)

Volusia County Solid Waste Mgmt.

2. Report to: (if different from above)

3. Client Project Name:

B-5 Study

4. Client Project No.:

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By: *SM*

8. Shipping Method:

FOR LAB USE ONLY

Temp. of Contents: *4*

Condition of Contents: *✓*

°C (or Received on *10/16/00*, ROI)

Address:

City

State

Zip Code

Phone: ()

Fax: ()

18. Report Type:

☒ Routine

☐ Standard QC

☐ Datapackage

19. Turnaround Time

☒ Standard

Rush: / /

FOR LAB USE ONLY

Submission No. *486*

Condition of Seals: *NA*

Container Codes (for Item 16)

V = VOA vial

G = glass

P = plastic

M = micro bag/cup

O = other

Water Sample Codes (for Item 13)

DW = Drinking Water

GW = Ground Water

SW = Surface Water

PW = Processed Water

WW = Waste Water

14. No. of Containers

15. Preservatives

16. Containers

17. Analyses Requested

20. REMARK

LAB USE ONLY

LAB SAMPLE NO.

Preservative Codes (for Item 15)

C = Cool Only

H = Hydrochloric Acid

M = Monochloroacetic Acid

N = Nitric Acid

OH = Sodium Hydroxide

S = Sulfuric Acid

T = Sodium Thiosulfate

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ELAB, Inc.

(INSTRUCTIONS ON BACK OF THIS FORM)

CHAIN OF CUSTODY RECORD

No. E 37749

Page 2 of 2

1. Client: (Company or Individual)

Volusia County Solid Waste Mgmt.

2. Report to: (if different from above)

3. Client Project Name:

B-5 Study

4. Client Project No.:

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By: *SM*

8. Shipping Method:

FOR LAB USE ONLY

Condition of Contents: *✓*

Temp. of Contents: *4* °C (or Received on Ice/ROI)

Condition of Seals: *N/A*

FOR LAB USE ONLY

Submission No. *486*

Address:

Phone: ()

City

State

Zip Code

Fax: ()

Address:

Phone: ()

City

State

Zip Code

Fax: ()

18. Report Type:

☒ Routine

☐ Standard QC

☐ Datapackage

19. Turnaround Time

☒ Standard

☐ Rush: / /

Container Codes (for Item 16)

V = VOA vial

G = glass

P = plastic

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O = other

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LAB USE ONLY

LAB SAMPLE NO.

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N = Nitric Acid

OH = Sodium Hydroxide

S = Sulfuric Acid

T = Sodium Thiosulfate

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David N. Gomberg, Ph.D.

Water Resources Consultant

3006 Surfside Blvd.

Cape Coral, Fl. 33914

(941) 549-1297

June 22, 1998



Memo to: Scott R. Spooner, P.E. - McKim & Creed

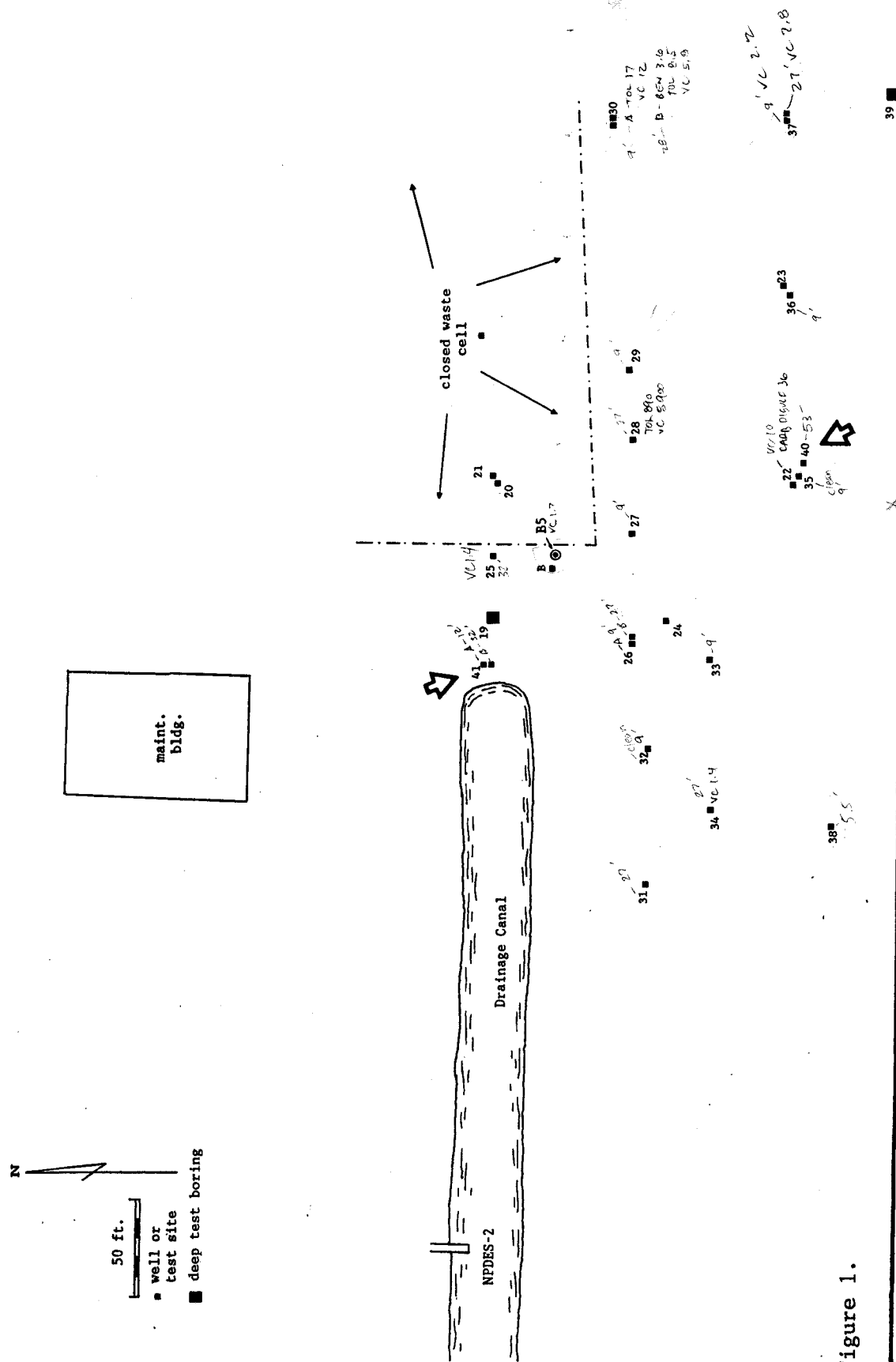
Re: Tomoka Landfill Contamination Assessment near Well B5- Summary of
Recent Field and Lab Work

cc: Susan Gaze - Volusia County

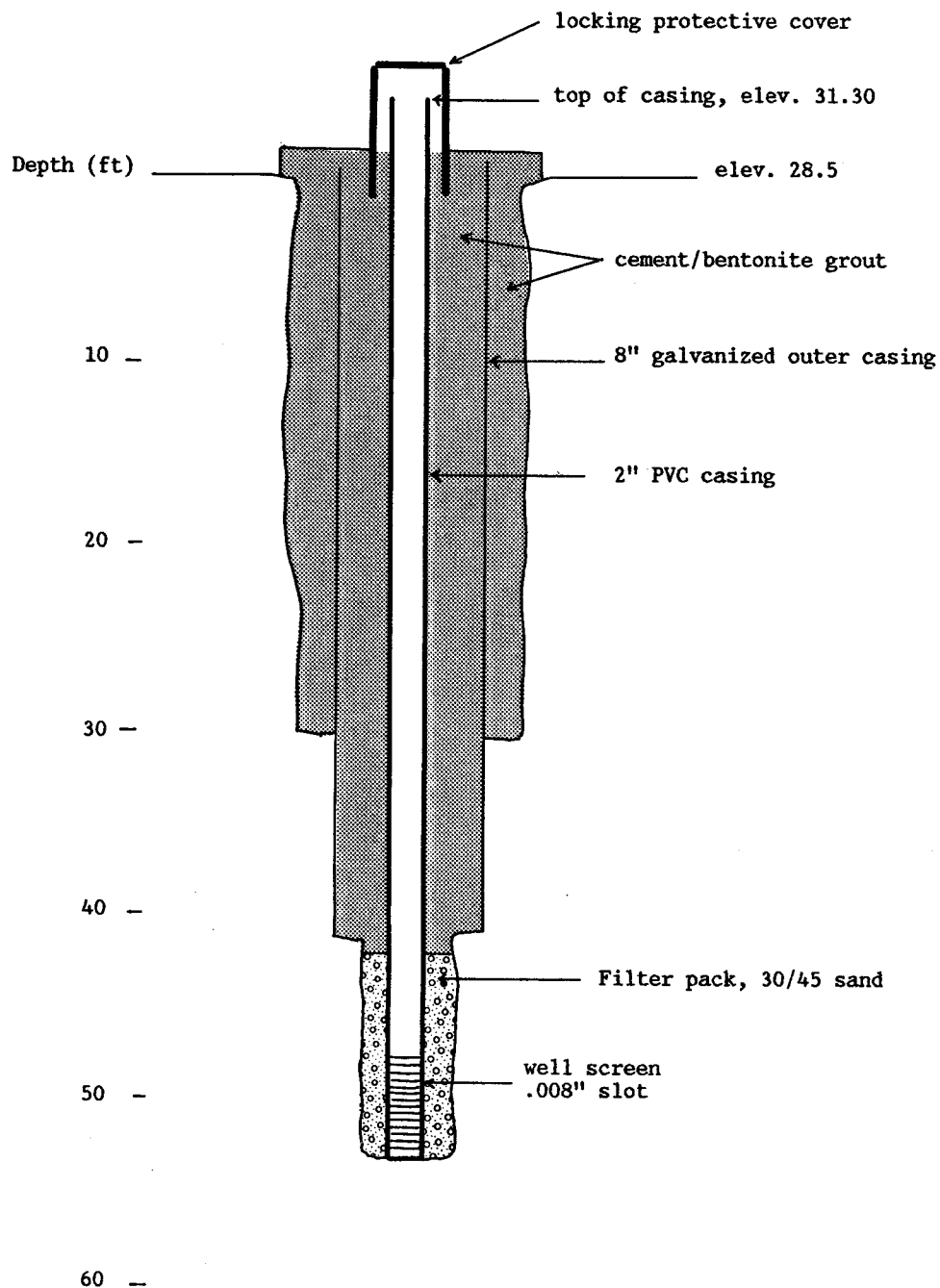
1. This memo summarizes work that was done in late April and early May at Tomoka Landfill, at the Contamination Assessment site near monitor well B5. The summary was prepared following a discussion with Bret LeRoux, P.G. of FDEP, who requested that his staff have the opportunity to review the results prior to our completion of the Contamination Assessment Report (CAR).
2. We completed the agreed-upon addendum to the Contamination Assessment Plan (CAP) by constructing and sampling 3 wells, at the locations shown on Figure 1. These wells are B5-40, B5-41A and B5-41B. As-built diagrams are included here as Figures 2, 3, and 4. Completion reports for each of the wells are also attached.
3. The purpose of well B5-40 was to permit sampling of water from and detection of any contaminants in sedimentary layer 6, a sand and shell stratum found at depths of about 45 to 55 feet. Figure 5 is a summary of the sedimentary and hydrologic profile at the site, based on previous test boring work done there. Layer 6 is beneath a significant clayey confining bed, and was previously sampled at 6 locations using the GeoProbe technique, which is regarded by FDEP as diagnostic but not definitive. No contaminants were found in the 6 previous samples. We agreed to construct new well B5-40 to obtain definitive water quality results from this important layer.
4. The purpose of wells B5-41A and B5-41B was to examine water from sedimentary layers 1-2 and 4, in the immediate vicinity of the stormwater management canal near the site. This was done to evaluate whether contaminants, particularly in the case of shallow well B5-41A, might be moving into the ditch, where they could conceivably enter the stormwater management and discharge system.
5. After the 3 new wells were constructed and developed, water was collected from these and all other wells previously constructed as part of the Contamination Assessment. As in the past, samples were analyzed for Volatile Organic Compounds (VOC's). Samples were collected by Bob Sullivan of Karr Environmental and analyzed by Flowers Chemical Labs. The results are presented here on 4 summary sheets, but will be included in a more comprehensive tabulation as part of the CAR.

OW
6/24/98

6. VOC's were not detected in B5-40, the well into layer 6. This is very good news, consistent with all of our previous results and, hopefully, concludes our penetration into this stratum. As you know, construction of the well into layer 6 was difficult and expensive, because of the need to insure that no contaminants were introduced from overlying layers or as a result of the construction process.
7. VOC's were not detected in well B5-41A (listed on the analytical summary sheet as B5-41S), the well into layer 1-2. This is not unexpected, as other wells that sample layer 1-2 have either no or very low concentrations of VOC's. The bottom of this layer is at about 12 feet below ground, which is a few feet lower than the bottom of the adjacent ditch.
8. Total VOC's in well B5-41B (listed as B5-41D) were 21 micrograms/liter (or about 21 parts per billion). This low concentration is consistent with results for layer 4 at distances of more than a few tens of feet from B5-28, the center of maximum VOC levels. The top of layer 4, at about 22 feet below ground, is more than 10 feet below the bottom of the ditch, and a clayey confining bed is between them. Thus groundwater from layer 4 does not enter the ditch.
9. Except for B5-28, none of the other CAP wells had VOC concentrations greater than 14 micrograms/liter. Those results are not discussed in detail here because sampling of those wells was not part of the CAP addendum. The results are, however, consistent with those that we have obtained from monitoring during the past 3 years, and continue to support the interpretation of a plume that has remained essentially stable over at least the period of our observation.
10. Our understanding with DEP staff was that, if no contaminants were detected in layer 6, we would consider that layer "clean" and proceed with preparation of the CAR. Accordingly, I am assembling and collating our 4 years of data, with the expectation that DEP will certify our field effort as complete.



Well B5-40



WELL CONSTRUCTION DIAGRAM

TOMOKA LANDFILL

WELL B5-40

Figure 2

MONITORING WELL COMPLETION REPORT

DATE 6/20/98

FACILITY NAME: Tomoka Farms Road Landfill

DER PERMIT NO.: S064-198377 FACILITY GMS NO: 3064600071

WELL GMS NO.: WELL NAME: B5-40

WELL TYPE: BACKGROUND DETECTION COMPLIANCE

LATITUDE AND LONGITUDE:

AQUIFER MONITORED: Surficial/Intermediate - Layer 6

DRILLING METHOD: Hollow-stem auger DATE INSTALLED: 4/29/98

INSTALLED BY: Universal Engineering Sciences

BORE HOLE DIAMETER: 6" TOTAL DEPTH: 53" (BLS)

CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 5'

SCREEN TYPE: slotted SCREEN SLOT SIZE: .008 SCREEN LENGTH: 5'

SCREEN DIAMETER: 2" SCREEN INTERVAL: 48' TO 53' (BLS)

FILTER PACK TYPE: silica sand FILTER PACK GRAIN SIZE: 30/45

INTERVAL COVERED: 43' TO 53' (BLS)

SEALANT TYPE: none SEALANT INTERVAL: - TO - (BLS)

GROUT TYPE: cement/bentonite GROUT INTERVAL: 0 TO 43' (BLS)

TOP OF CASING ELEVATION (NGVD): 31.30 ^{slab} ~~GROUND~~ SURFACE ELEVATION (NGVD): 28.70

DESCRIBE WELL DEVELOPMENT: gentle pumping at 1-2 gpm for about
2 hrs. to sand-free, relatively clear condition

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD):

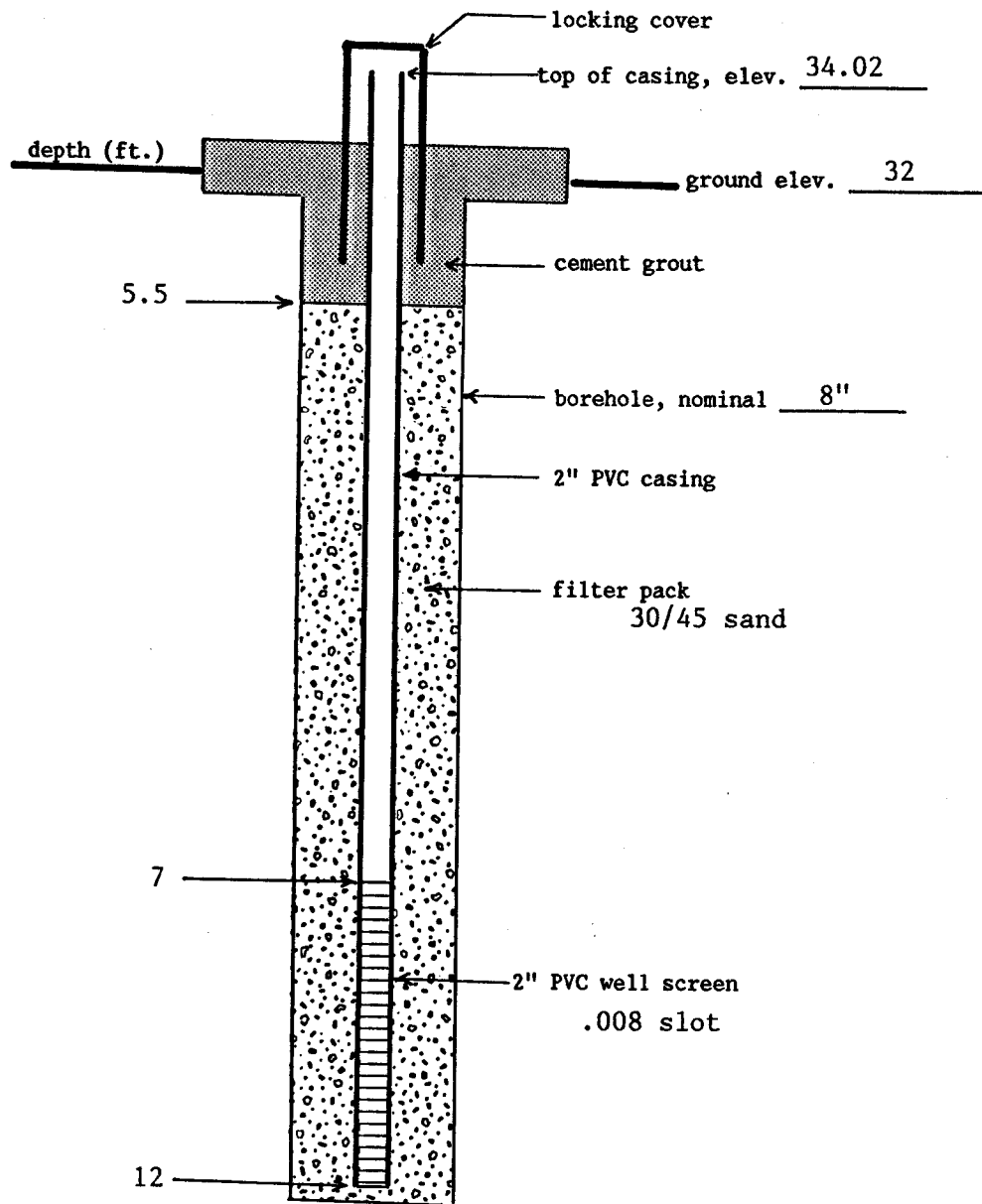
DATE AND TIME MEASURED:

REMARKS: Well installed inside 8" galvanized outer casing, which was
driven to a depth of 41 ft.

NAME OF PERSON PREPARING REPORT: David N. Gomberg (941)549-1297
(Name, Organization, Phone No.)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.
(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

Well B5-41A



Well B5-41A

Well Construction Diagram
(not to scale)

Figure 3

MONITORING WELL COMPLETION REPORT

DATE 6/20/98FACILITY NAME: Tomoka Farms Road LandfillDER PERMIT NO.: S064-198377 FACILITY GMS NO: 3064600071WELL GMS NO.: _____ WELL NAME: B5-41A

WELL TYPE: BACKGROUND _____ DETECTION _____ COMPLIANCE _____

LATITUDE AND LONGITUDE: _____

AQUIFER MONITORED: Surficial - Layer 1-2DRILLING METHOD: Hollow-stem auger DATE INSTALLED: 4/28/98INSTALLED BY: Universal Engineering SciencesBORE HOLE DIAMETER: 8" TOTAL DEPTH: 12' (BLS)CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 7' BLSSCREEN TYPE: slotted SCREEN SLOT SIZE: .008 SCREEN LENGTH: 5'SCREEN DIAMETER: 2" SCREEN INTERVAL: 7' TO 12' (BLS)FILTER PACK TYPE: silica sand FILTER PACK GRAIN SIZE: 30/45INTERVAL COVERED: 5.5' TO 12' (BLS)SEALANT TYPE: none SEALANT INTERVAL: - TO - (BLS)GROUT TYPE: cement/bentonite GROUT INTERVAL: 0 TO 5.5' (BLS)TOP OF CASING ELEVATION (NGVD): 34.02 ~~XXXXXX~~ GROUND SURFACE ELEVATION (NGVD): 32.11DESCRIBE WELL DEVELOPMENT: gentle pumping at 1+ gpm. for about 1 hr.to sand-free, relatively clear condition

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): _____

DATE AND TIME MEASURED: _____

REMARKS: _____

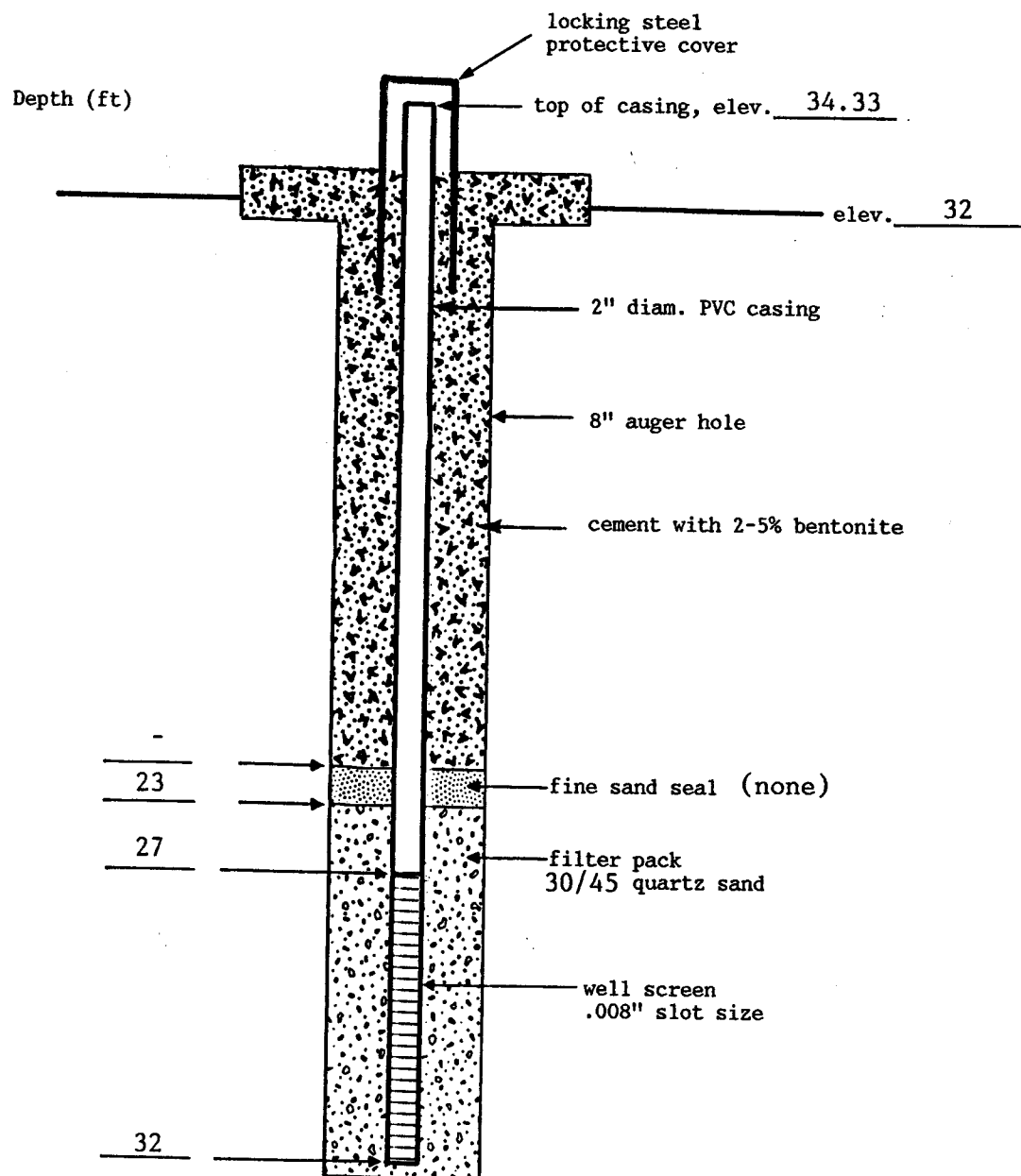
NAME OF PERSON PREPARING REPORT: David N. Gomberg (941)549-1297

(Name, Organization, Phone No.)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.

(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

B5-41B



WELL CONSTRUCTION DIAGRAM (not to scale)

Site: Tomoka Landfill

Well: B5-41B

Figure 4

MONITORING WELL COMPLETION REPORT

DATE 6/20/98FACILITY NAME: Tomoka Farms Road LandfillDER PERMIT NO.: S064-198377 FACILITY GMS NO: 3064600071WELL GMS NO.: _____ WELL NAME: B5-41B

WELL TYPE: BACKGROUND _____ DETECTION _____ COMPLIANCE _____

LATITUDE AND LONGITUDE: _____

AQUIFER MONITORED: Surficial - Layer 4DRILLING METHOD: Hollow-stem auger DATE INSTALLED: 4/28/98INSTALLED BY: Universal Engineering SciencesBORE HOLE DIAMETER: 8" TOTAL DEPTH: 32' (BLS)CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 27' (BLS)SCREEN TYPE: slotted SCREEN SLOT SIZE: .008 SCREEN LENGTH: 5'SCREEN DIAMETER: 2" SCREEN INTERVAL: 27 TO 32 (BLS)FILTER PACK TYPE: silica sand FILTER PACK GRAIN SIZE: 30/45INTERVAL COVERED: 23" TO 32" (BLS)SEALANT TYPE: none SEALANT INTERVAL: - TO - (BLS)GROUT TYPE: cement/bentonite GROUT INTERVAL: 0 TO 23' (BLS)TOP OF CASING ELEVATION (NGVD): 34.33 ^{slab} ~~GROUND~~ SURFACE ELEVATION (NGVD): 32.17DESCRIBE WELL DEVELOPMENT: gentle pumping for 1+ hrs. at 1-2 gpmto sand-free, relatively clear condition

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): _____

DATE AND TIME MEASURED: _____

REMARKS: _____

NAME OF PERSON PREPARING REPORT: David N. Gomberg (941)549-1297
(Name, Organization, Phone No.)NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.
(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

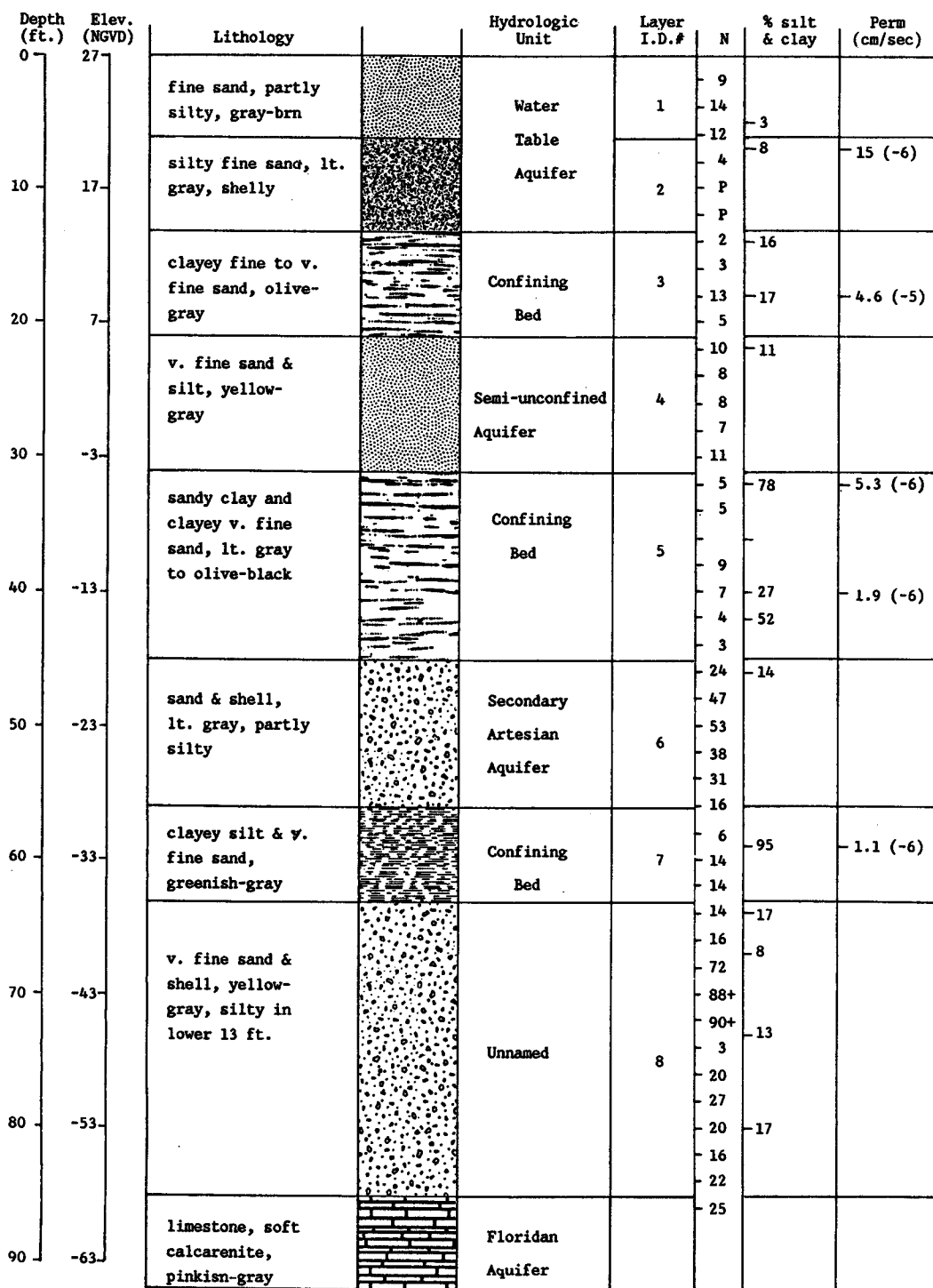


Figure 5. Hydrogeologic Profile, Site B5-39

Parameter	Symbol	Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	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FLOWERS CHEMICAL LABORATORIES													
ANALYTICAL RESULTS FORM													
HRS Number 83139													
Parameter	Symbol	Unit	BS31	BS32	BS33	BS34	BS36	BS37A	BS37B	BS37C	BS38	BS40	Section
Dilution Factor	#												
1,1,1-trichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1,2,2-tetrachloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1,2-trichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1-dichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1-dichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,2-dichloroethane	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	DO
1,2-dichloropropane	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	DO
2-chlorodifluoromethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Bromodichloromethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Bromodichloromethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
cis-1,3-dichloropropene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Carbon tetrachloride	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	DO
Chloroform	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	DO
Dibromochloromethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Methylene chloride	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
trans-1,3-dichloropropene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Trichlorofluoromethane	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	DO
1,1,2-dichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Trichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Tetrachloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,2-dibromo-3-chloropropane	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	DO
Bromomethane	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	DO
Chloroethane	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	DO
Chloromethane	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	DO
Dichlorodifluoromethane	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Vinyl chloride	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Heil Spike	ug/L	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	DO
o-dichlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
m-dichlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
p-dichlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Benzene	ug/L	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	DO
Chlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Ethylbenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Toluene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Xylene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Methyl-tert-butyl ether	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Total BTEX	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
PID Spike	ug/L	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	DO

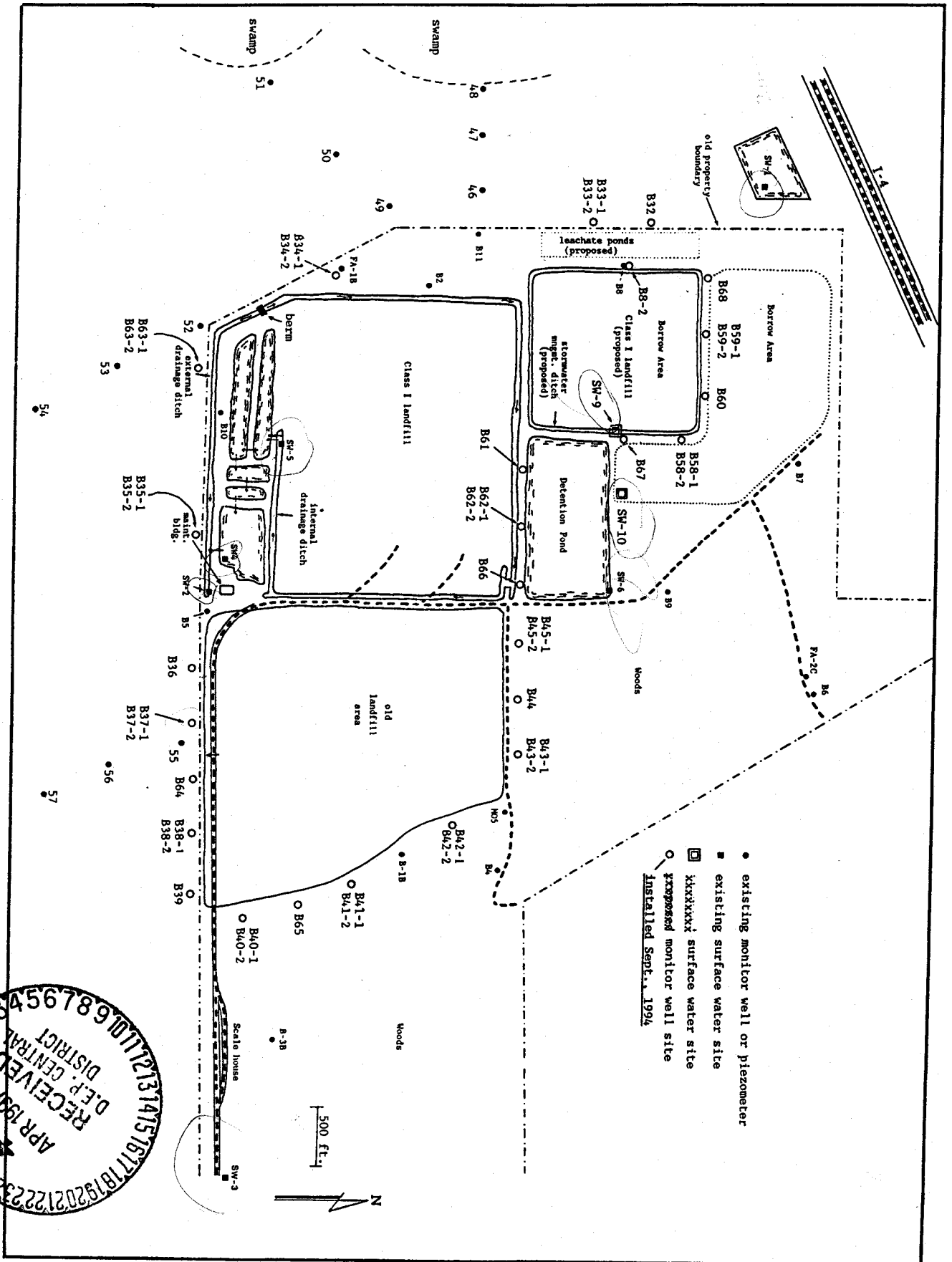
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PO Number	VCSWD-1						
Date Sampled	1	05-02-98					
Date Analyzed	0						
Compacted	1						
Format	NormRR						
Unit Cost	Exted						
EPA801602	3800						

Project Number	B5 study
PO Number	VCSWD-1
Date Sampled	1 05-02-98 *
Date Analyzed	0
Compacted	1
Format	NormRR
Unit Cost	Extd
EPA601B02	3800 36 *

FLOWERS CHEMICAL LABORATORIES												
ANALYTICAL RESULTS FORM												
HRS Number: 83139												
Parameter	Symbol	Unit	B541D	B541S	B535	B40 CW	UT	BWDT	TDW	Method	MDL	Section
Dilution Factor	#											
1,1,1-trichloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
1,1,2,2-tetrachloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
1,1,2-trichloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
1,1-dichloroethane	*	ug/L	0.88	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
1,1-dichloroethane	*	ug/L	2.65	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
1,2-dichloroethane	*	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	EPA601	0.3	DO
1,2-dichloropropane	*	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	EPA601	0.25	DO
2-chloroethylmethyl ether	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
Bromodichloromethane	*	ug/L	<1U	<1U	<1U	<1U	5.68	<1U	<1U	EPA601	1	DO
Bromotorm	*	ug/L	<1U	<1U	<1U	<1U	5.93	<1U	<1U	EPA601	1	DO
cis-1,3-dichloropropene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
Carbon tetrachloride	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
Chlorotorm	*	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	2.95	<0.3U	<0.3U	EPA601	0.3	DO
Dibromochloromethane	*	ug/L	<1U	<1U	<1U	<1U	8.5	<1U	<1U	EPA601	1	DO
Methylene chloride	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
trans-1,3-dichloropropene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
Trichlorofluoromethane	*	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	EPA601	2	DO
1,1,2-dichloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
Trichloroethane	*	ug/L	18.3U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
Tetrachloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	DO
1,2-dibromo-3-chloropropane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	5	DO
Bromomethane	*	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	EPA601	3	DO
Chloroethane	*	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U	EPA601	5	DO
Chloromethane	*	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	EPA601	2	DO
Dichlorodifluoromethane	*	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	EPA601	0.5	DO
Vinyl chloride	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA601	0.5	DO
Hail Spike	*	ug/L	94.5	93.1	97.3	98.7	95.3	105	104	EPA601	0.5	DO
o-dichlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
m-dichlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
p-dichlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
Benzene	*	ug/L	1.55	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	EPA602	0.2	DO
Chlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
Ethylbenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
Toluene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
Xylene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
Methyl-tert-butyl ether	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
Total BTEX	*	ug/L	1.55	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	DO
PID Spike	*	ug/L	90.4	92.5	86.5	86.4	86.8	99.1	99	EPA602	0.5	DO
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Project Number	B5 study	Date Received	05-04-98	Type	05-21-98	Sent	05-21-98
PO Number	VCSWD-1						
Date Sampled	1	05-02-98					
Date Analyzed	0						
Compacted	1						
Format	NormRR						
Unit Cost	Exted						
EPA601622	3800						36

MW	TOC	GSE	Screen Interval		NGVD - by figure		Installed
			From	To (bls)	From	To	
B5-B			18	23			Mar-91
B5-20			23	28			Mar-91
B5-21			13.5	18.5			Mar-91
B5-22			22	27			Oct-91
B5-23			22	27			Oct-91
B5-24			22	27			Oct-91
B5-25	34.04	31.6	25	30	1.6	6.6	Sep-94
B5-26A	30.87	28.5	4	9	19.5	24.5	Sep-94
B5-26B	30.95	28.5	22	27	1.5	6.5	Sep-94
B5-27	32.02	29.5	4	9	20.5	25.5	Sep-94
B5-28	31.06	28.9	22	27	1.9	6.9	Sep-94
B5-29	29.34 31	28.9	4	9	19.9	24.9	Sep-94
B5-30A	31.12	28.5	4	9	19.5	24.5	Sep-94
B5-30B	30.63	28.7	23	28	0.7	5.7	Sep-94
B5-31	30.43	28	22	27	1	6	Sep-94
B5-32	30.39	27.9	4	9	18.9	23.9	Sep-94
B5-33	30.46	28.5	4	9	19.5	24.5	Sep-94
B5-34	29.81	27.8	22	27	0.8	5.8	Sep-94
B5-35	30.85	28.1	4	9	19.1	24.1	Sep-94
B5-36	31.4	28.7	4	9	19.7	24.7	Sep-94
B5-37A	30.04	27.9	4	9	18.9	23.9	Sep-94
B5-37B	29.92	27.9	22	27	0.9	5.9	Sep-94
B5-38	30.04	27.7	0.5	5.5	22.2	27.2	Sep-94
B5-40	31.3	28.7	48	53	-24.5	-19.5	Apr-98
B5-41A	34.02	32.11	7	12	20	25	Apr-98
B5-41B	34.33	32.17	27	32	0	5	Apr-98

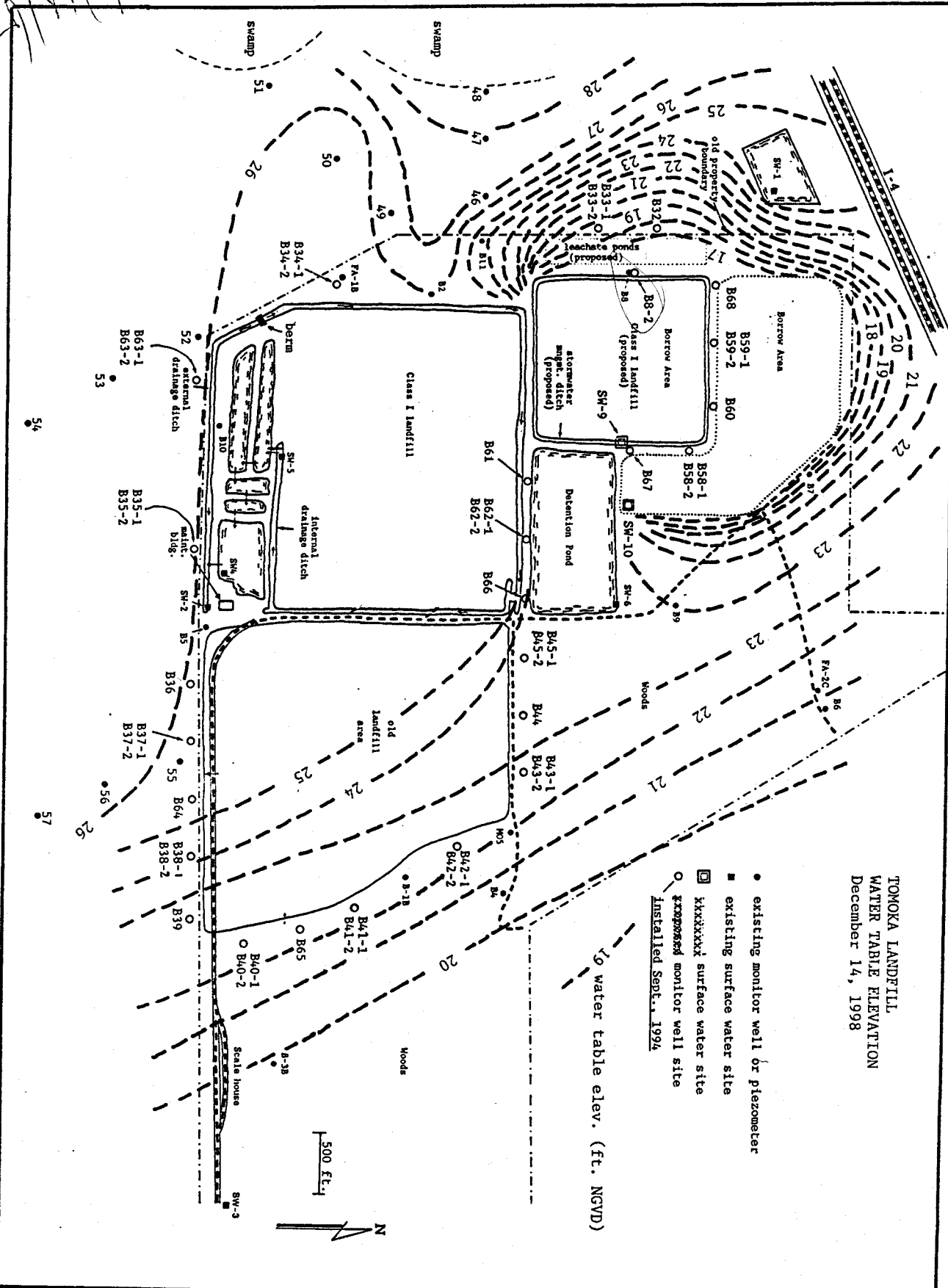
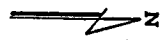


TOMOKA LANDFILL
WATER TABLE ELEVATION
December 14, 1998

- existing monitor well or piezometer
- existing surface water site
- xxxxxxx surface water site
- proposed monitor well site
- installed Sept., 1994

19 water table elev. (ft. NGVD)

500 ft.



4/16/99
UW

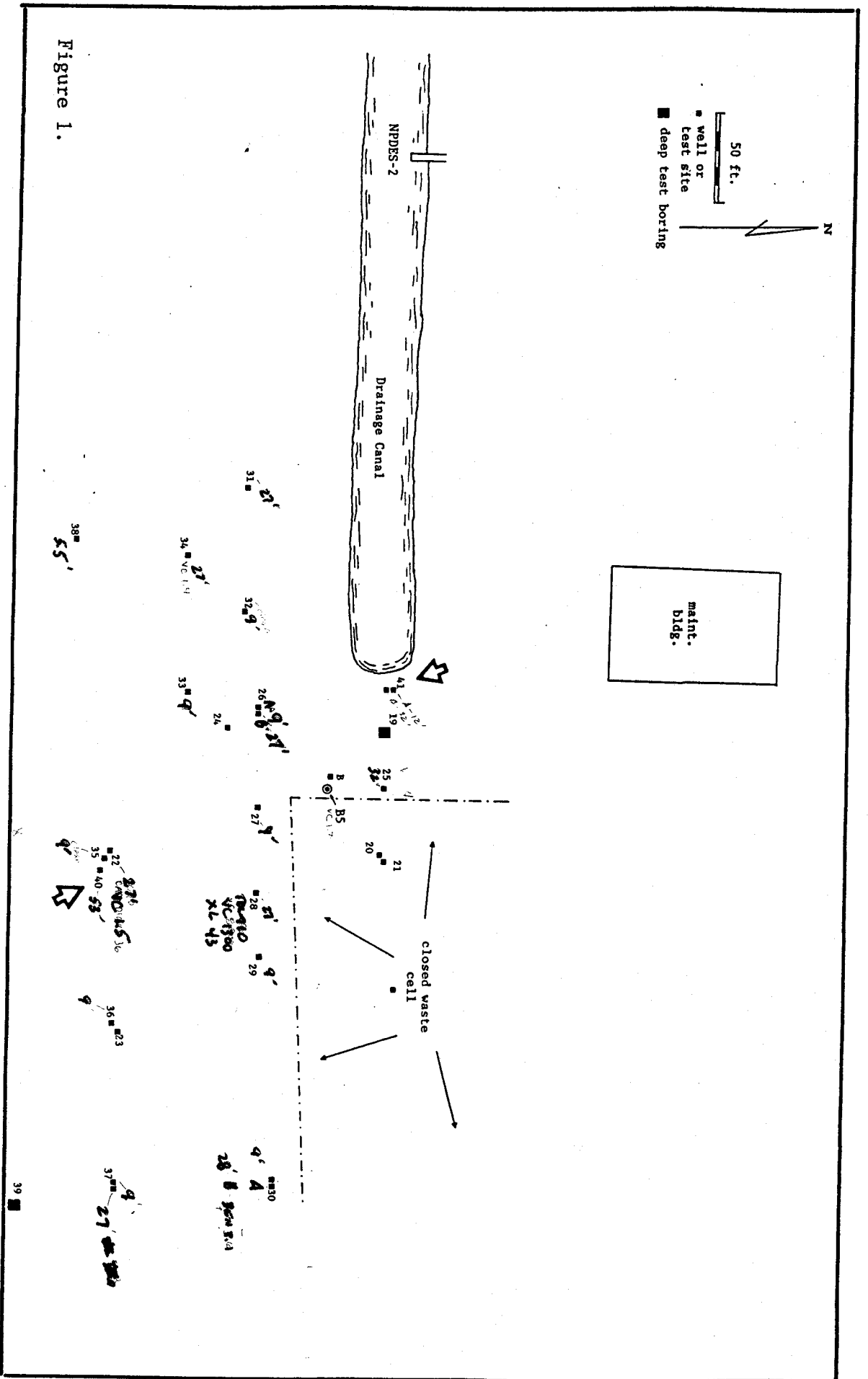


Figure 1.

FEB 2000

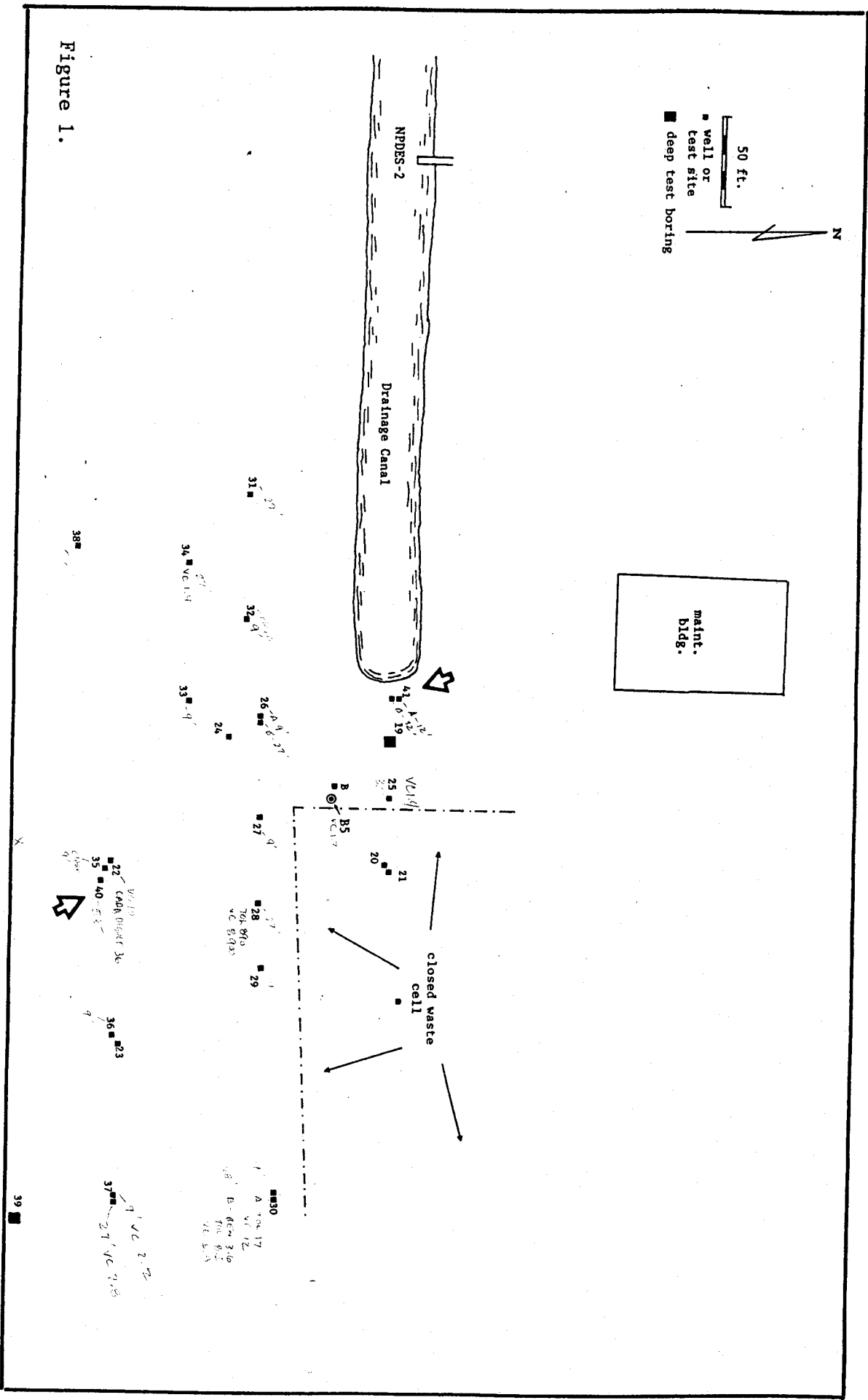
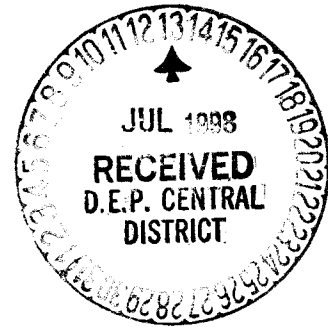


Figure 1.

David N. Gomberg, Ph.D.
Water Resources Consultant
3006 Surfside Blvd.
Cape Coral, Fl. 33914
(941) 549-1297
June 22, 1998



Memo to: Scott R. Spooner, P.E. - McKim & Creed

Re: Tomoka Landfill Contamination Assessment near Well B5- Summary of
Recent Field and Lab Work

cc: Susan Gaze - Volusia County

1. This memo summarizes work that was done in late April and early May at Tomoka Landfill, at the Contamination Assessment site near monitor well B5. The summary was prepared following a discussion with Bret LeRoux, P.G. of FDEP, who requested that his staff have the opportunity to review the results prior to our completion of the Contamination Assessment Report (CAR).
2. We completed the agreed-upon addendum to the Contamination Assessment Plan (CAP) by constructing and sampling 3 wells, at the locations shown on Figure 1. These wells are B5-40, B5-41A and B5-41B. As-built diagrams are included here as Figures 2, 3, and 4. Completion reports for each of the wells are also attached.
3. The purpose of well B5-40 was to permit sampling of water from and detection of any contaminants in sedimentary layer 6, a sand and shell stratum found at depths of about 45 to 55 feet. Figure 5 is a summary of the sedimentary and hydrologic profile at the site, based on previous test boring work done there. Layer 6 is beneath a significant clayey confining bed, and was previously sampled at 6 locations using the GeoProbe technique, which is regarded by FDEP as diagnostic but not definitive. No contaminants were found in the 6 previous samples. We agreed to construct new well B5-40 to obtain definitive water quality results from this important layer.
4. The purpose of wells B5-41A and B5-41B was to examine water from sedimentary layers 1-2 and 4, in the immediate vicinity of the stormwater management canal near the site. This was done to evaluate whether contaminants, particularly in the case of shallow well B5-41A, might be moving into the ditch, where they could conceivably enter the stormwater management and discharge system.
5. After the 3 new wells were constructed and developed, water was collected from these and all other wells previously constructed as part of the Contamination Assessment. As in the past, samples were analyzed for Volatile Organic Compounds (VOC's). Samples were collected by Bob Sullivan of Karr Environmental and analyzed by Flowers Chemical Labs. The results are presented here on 4 summary sheets, but will be included in a more comprehensive tabulation as part of the CAR.

OWB
6/29/98

6. VOC's were not detected in B5-40, the well into layer 6. This is very good news, consistent with all of our previous results and, hopefully, concludes our penetration into this stratum. As you know, construction of the well into layer 6 was difficult and expensive, because of the need to insure that no contaminants were introduced from overlying layers or as a result of the construction process.
7. VOC's were not detected in well B5-41A (listed on the analytical summary sheet as B5-41S), the well into layer 1-2. This is not unexpected, as other wells that sample layer 1-2 have either no or very low concentrations of VOC's. The bottom of this layer is at about 12 feet below ground, which is a few feet lower than the bottom of the adjacent ditch.
8. Total VOC's in well B5-41B (listed as B5-41D) were 21 micrograms/liter (or about 21 parts per billion). This low concentration is consistent with results for layer 4 at distances of more than a few tens of feet from B5-28, the center of maximum VOC levels. The top of layer 4, at about 22 feet below ground, is more than 10 feet below the bottom of the ditch, and a clayey confining bed is between them. Thus groundwater from layer 4 does not enter the ditch.
9. Except for B5-28, none of the other CAP wells had VOC concentrations greater than 14 micrograms/liter. Those results are not discussed in detail here because sampling of those wells was not part of the CAP addendum. The results are, however, consistent with those that we have obtained from monitoring during the past 3 years, and continue to support the interpretation of a plume that has remained essentially stable over at least the period of our observation.
10. Our understanding with DEP staff was that, if no contaminants were detected in layer 6, we would consider that layer "clean" and proceed with preparation of the CAR. Accordingly, I am assembling and collating our 4 years of data, with the expectation that DEP will certify our field effort as complete.

FS
 10/11/2001
 Leadville, CO
 Leadville, CO
 Leadville, CO

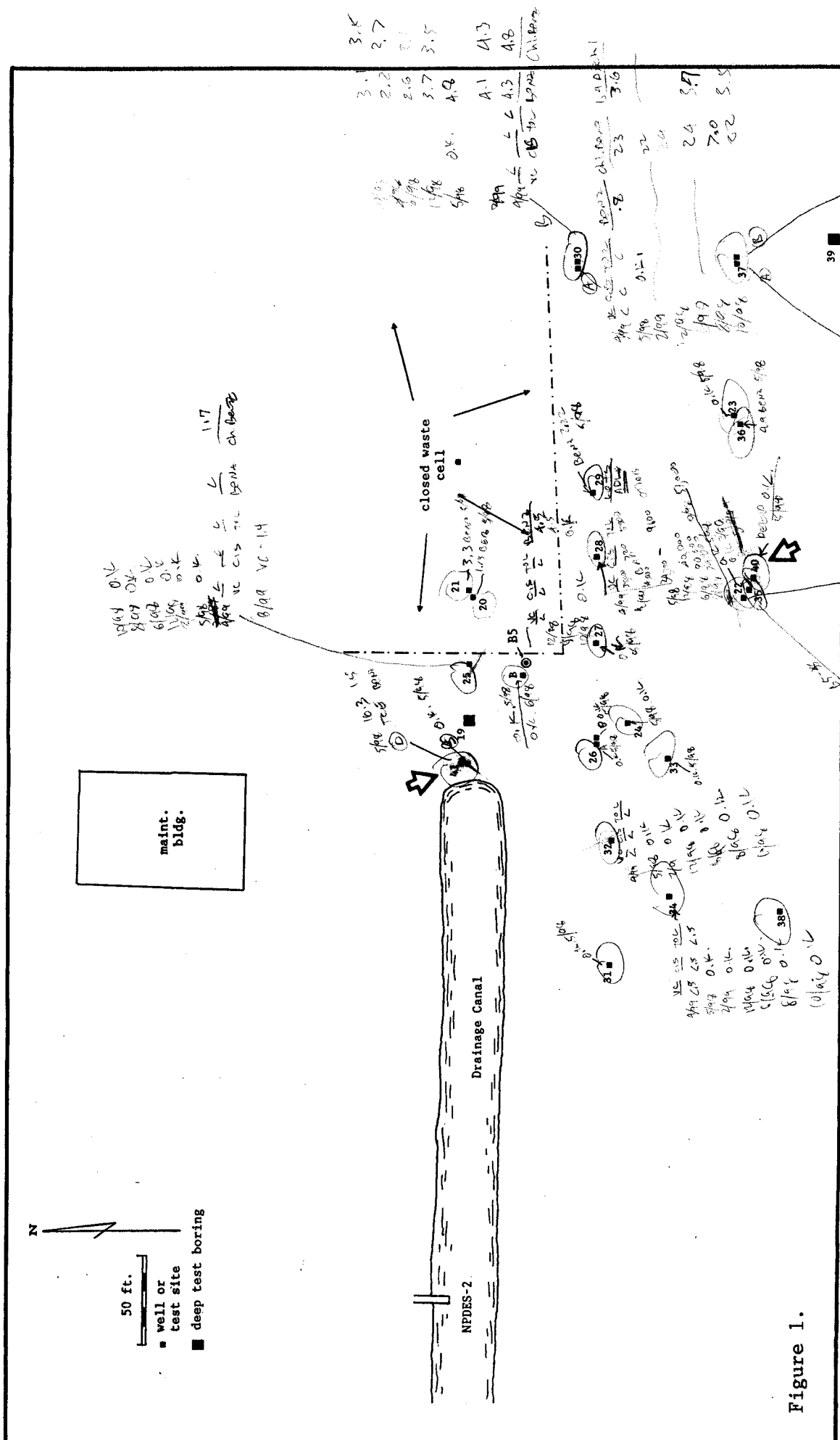
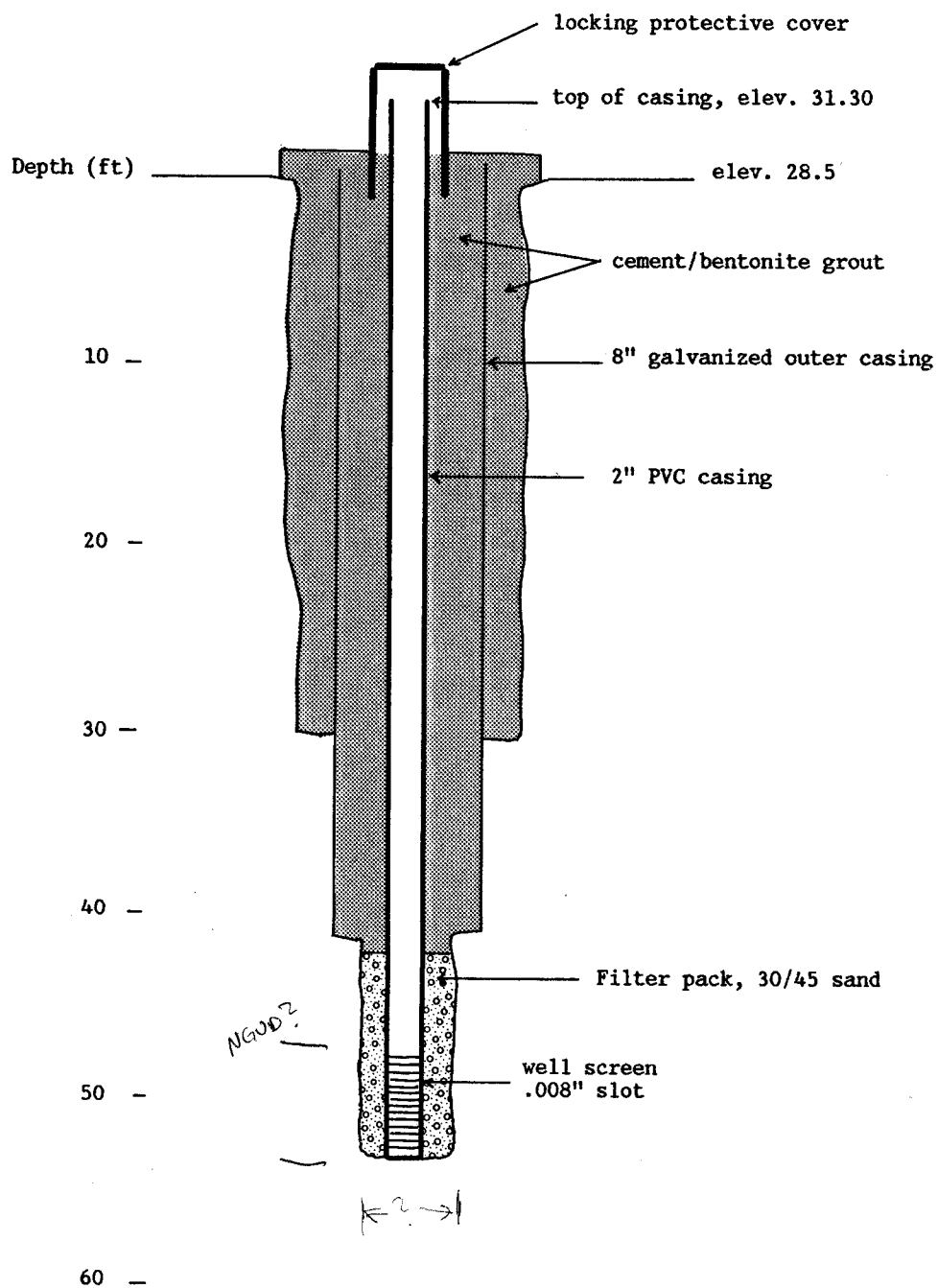


Figure 1.



WELL CONSTRUCTION DIAGRAM

TOMOKA LANDFILL

WELL B5-40

Figure 2

MONITORING WELL COMPLETION REPORT

DATE 6/20/98

FACILITY NAME: Tomoka Farms Road Landfill

DER PERMIT NO.: S064-198377 FACILITY GMS NO: 3064600071

WELL GMS NO.: WELL NAME: B5-40

WELL TYPE: BACKGROUND DETECTION COMPLIANCE

LATITUDE AND LONGITUDE:

AQUIFER MONITORED: Surficial/Intermediate - Layer 6

DRILLING METHOD: Hollow-stem auger DATE INSTALLED: 4/29/98

INSTALLED BY: Universal Engineering Sciences

BORE HOLE DIAMETER: 6" TOTAL DEPTH: 53" ^{feet?} (BLS)

CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 5' [?]

SCREEN TYPE: slotted SCREEN SLOT SIZE: .008 SCREEN LENGTH: 5'

SCREEN DIAMETER: 2" SCREEN INTERVAL: 48' TO 53' (BLS)

FILTER PACK TYPE: silica sand FILTER PACK GRAIN SIZE: 30/45

INTERVAL COVERED: 43' TO 53' (BLS)

SEALANT TYPE: none SEALANT INTERVAL: - TO - (BLS)

GROUT TYPE: cement/bentonite GROUT INTERVAL: 0 TO 43' (BLS)

TOP OF CASING ELEVATION (NGVD): 31.30 ^{slab.} ~~GROUND~~ SURFACE ELEVATION (NGVD): 28.70

DESCRIBE WELL DEVELOPMENT: gentle pumping at 1-2 gpm for about
2 hrs. to sand-free, relatively clear condition

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD):

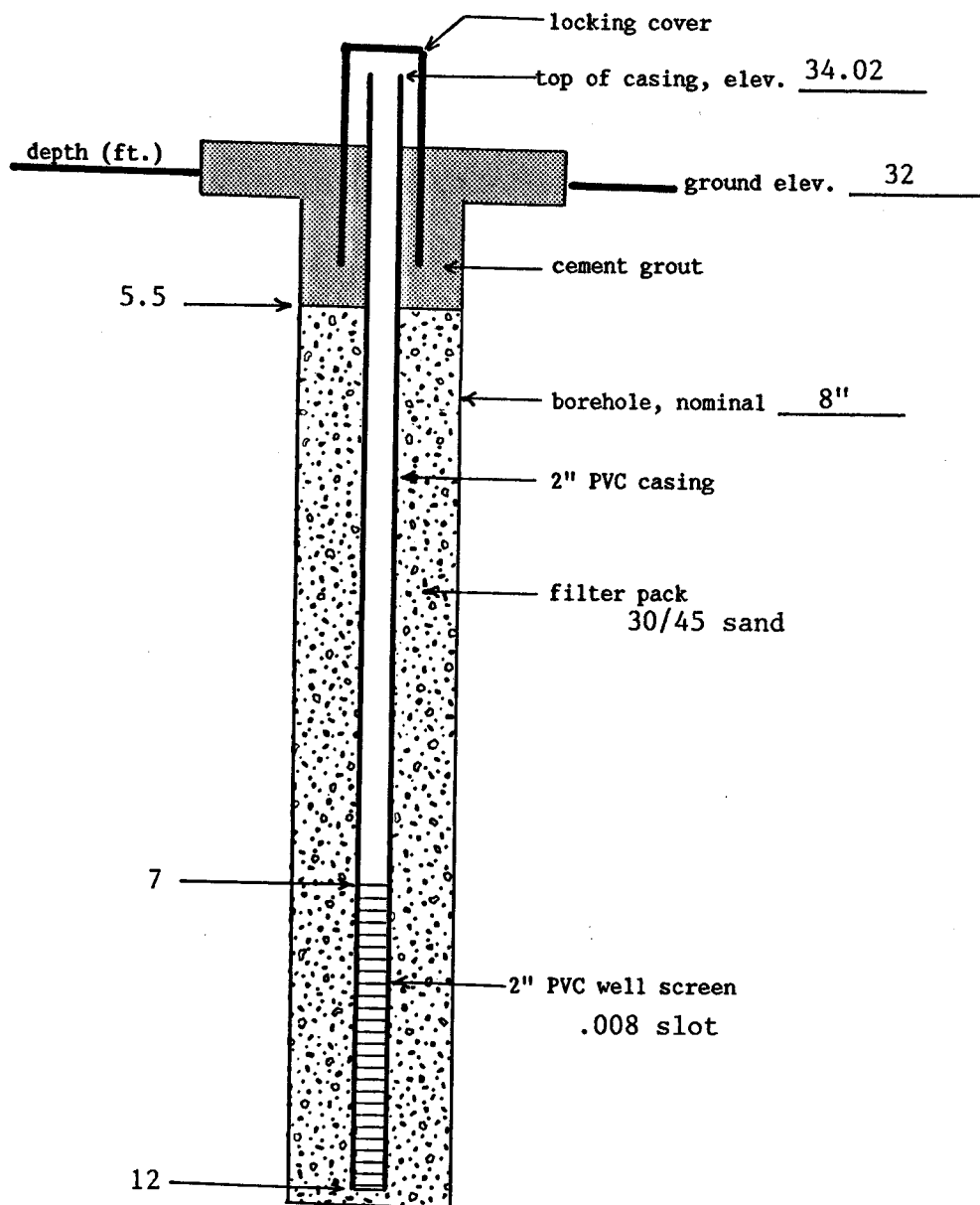
DATE AND TIME MEASURED:

REMARKS: Well installed inside 8" galvanized outer casing, which was
driven to a depth of 41 ft.

NAME OF PERSON PREPARING REPORT: David N. Gomberg (941)549-1297
(Name, Organization, Phone No.)

NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.
(INGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

Well B5-41A



Well B5-41A

Well Construction Diagram
(not to scale)

Figure 3

MONITORING WELL COMPLETION REPORT

DATE 6/20/98FACILITY NAME: Tomoka Farms Road LandfillDER PERMIT NO.: S064-198377 FACILITY GMS NO: 3064600071WELL GMS NO.: _____ WELL NAME: B5-41A

WELL TYPE: BACKGROUND _____ DETECTION _____ COMPLIANCE _____

LATITUDE AND LONGITUDE: _____

AQUIFER MONITORED: Surficial - Layer 1-2DRILLING METHOD: Hollow-stem auger DATE INSTALLED: 4/28/98INSTALLED BY: Universal Engineering SciencesBORE HOLE DIAMETER: 8" TOTAL DEPTH: 12' (BLS)CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 7' BLSSCREEN TYPE: slotted SCREEN SLOT SIZE: .008 SCREEN LENGTH: 5'SCREEN DIAMETER: 2" SCREEN INTERVAL: 7' TO 12' (BLS)FILTER PACK TYPE: silica sand FILTER PACK GRAIN SIZE: 30/45INTERVAL COVERED: 5.5' TO 12' (BLS)SEALANT TYPE: none SEALANT INTERVAL: - TO - (BLS)GROUT TYPE: cement/bentonite GROUT INTERVAL: 0 TO 5.5' (BLS)TOP OF CASING ELEVATION (NGVD): 34.02 ~~GROUND~~ SURFACE ELEVATION (NGVD): 32.11DESCRIBE WELL DEVELOPMENT: gentle pumping at 1+ gpm. for about 1 hr.to sand-free, relatively clear condition

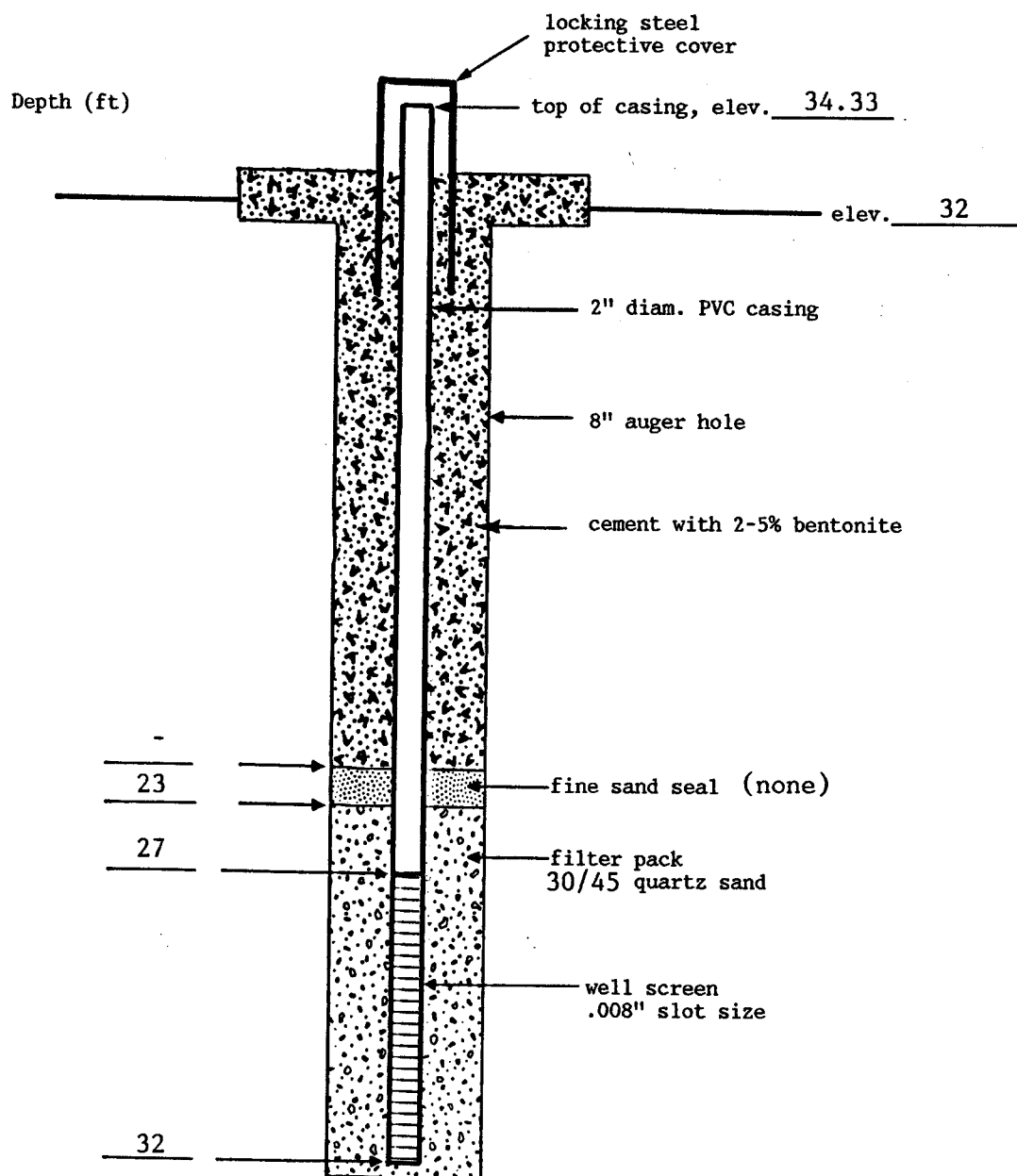
POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): _____

DATE AND TIME MEASURED: _____

REMARKS: _____

NAME OF PERSON PREPARING REPORT: David N. Gomberg (941)549-1297
(Name, Organization, Phone No.)NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.
(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

B5-41B



WELL CONSTRUCTION DIAGRAM (not to scale)

Site: Tomoka Landfill

Well: B5-41B

Figure 4

MONITORING WELL COMPLETION REPORT

DATE 6/20/98FACILITY NAME: Tomoka Farms Road LandfillDER PERMIT NO.: S064-198377 FACILITY GMS NO: 3064600071WELL GMS NO.: _____ WELL NAME: B5-41B

WELL TYPE: BACKGROUND _____ DETECTION _____ COMPLIANCE _____

LATITUDE AND LONGITUDE: _____

AQUIFER MONITORED: Surficial - Layer 4DRILLING METHOD: Hollow-stem auger DATE INSTALLED: 4/28/98INSTALLED BY: Universal Engineering SciencesBORE HOLE DIAMETER: 8" TOTAL DEPTH: 32' (BLS)CASING TYPE: PVC CASING DIAMETER: 2" CASING LENGTH: 27' (BLS)SCREEN TYPE: slotted SCREEN SLOT SIZE: .008 SCREEN LENGTH: 5'SCREEN DIAMETER: 2" SCREEN INTERVAL: 27 TO 32 (BLS)FILTER PACK TYPE: silica sand FILTER PACK GRAIN SIZE: 30/45INTERVAL COVERED: 23" TO 32" (BLS)SEALANT TYPE: none SEALANT INTERVAL: - TO - (BLS)GROUT TYPE: cement/bentonite GROUT INTERVAL: 0 TO 23' (BLS)TOP OF CASING ELEVATION (NGVD): 34.33 ^{slab} ~~GROUND~~ SURFACE ELEVATION (NGVD): 32.17DESCRIBE WELL DEVELOPMENT: gentle pumping for 1+ hrs. at 1-2 gpm
to sand-free, relatively clear condition

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): _____

DATE AND TIME MEASURED: _____

REMARKS: _____

NAME OF PERSON PREPARING REPORT: David N. Gomberg (941)549-1297
(Name, Organization, Phone No.)NOTE: ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.
(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

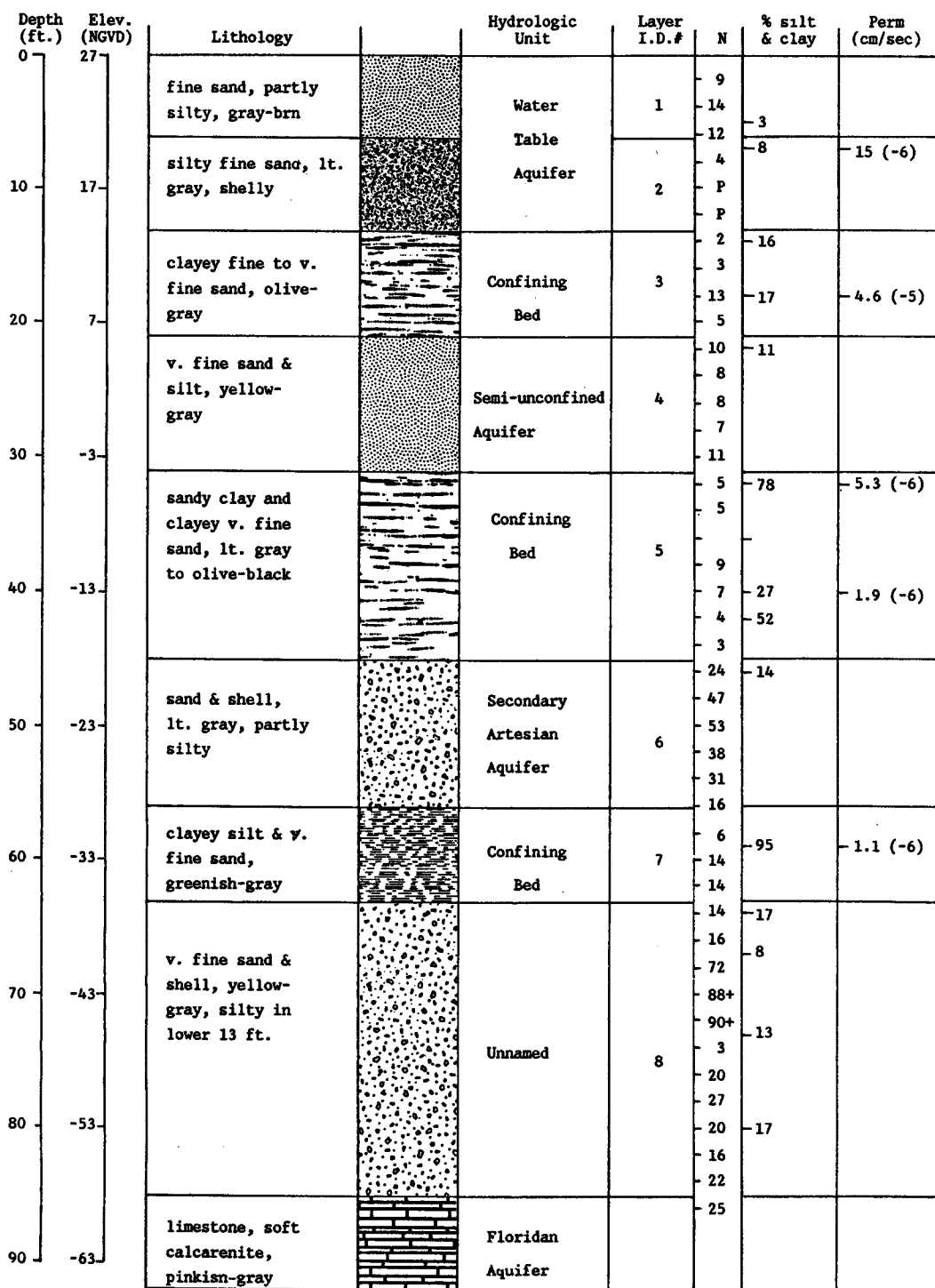


Figure 5. Hydrogeologic Profile, Site B5-39

FLOWERS CHEMICAL LABORATORIES													
ANALYTICAL RESULTS FORM													
HRS Number 89199													
Parameter	Symbol	Unit	TS1	TS2	TS3	EOB1	EOB2	B5B	B520	B521	B522	B523	Section
Dilution Factor			9859	9860	9861	9862	9863	9864	9865	9866	9867	9868	Method
1,1,1-trichloroethane	•	ug/L	1	<1U	<1U	<1U	<1U	1	<1U	1	1	1	EPA801
1,1,2,2-tetrachloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
1,1,2-trichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
1,1-dichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
1,1-dichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
1,2-dichloroethane	•	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	EPA801
1,2-dichloropropane	•	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	EPA801
2-chloroethylether	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Bromodichloromethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Bromofrom	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
cis-1,3-dibromopropene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Carbon tetrachloride	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Chloroform	•	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	EPA801
Dibromochloromethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Methylene chloride	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
trans-1,3-dichloropropene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Trichlorofluoromethane	•	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	EPA801
1,1,2-dichloroethene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Trichloroethene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
1,2-dibromo-3-chloropropane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA801
Bromomethane	•	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	EPA801
Chloroethane	•	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	EPA801
Chloromethane	•	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	EPA801
Dichlorofluoromethane	•	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	EPA801
Vinyl chloride	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA801
Hall Spills	•	ug/L	98.9	98.1	99.3	102	98.5	100	98.4	98.7	114	98.9	EPA801
o-dichlorobenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA802
m-dichlorobenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA802
p-dichlorobenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA802
Benzene	•	ug/L	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	EPA802
Chlorobenzene	•	ug/L	3	2.9	2.91	3.11	3.2	<0.5U	1.7	3.58	<0.5U	<0.5U	EPA802
Ethylbenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA802
Toluene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	15.8	<0.5U	2.8	<0.5U	EPA802
Xylene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	0.952	<0.5U	3	<0.5U	EPA802
Methyl-tert-butyl ether	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA802
Total BTEX	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	17.9	3.29	6.33	<0.5U	EPA802
PID Spills	•	ug/L	89.9	89.6	89	89.7	90.1	89.7	89.8	89.7	90.1	89.4	EPA802
	•												
	•												

Project Number	B5 study	Date Received:	05-04-98	Typed:	05-21-98	Sent:	05-21-98
PO Number	VCSWD-1						
Date Sampled	1 05-02-98						
Date Analyzed	0						
Compacted	1						
Format	NormFR						
Unit Cost	Exted						
EPA601802	3800						36

1		ANALYTICAL RESULTS FORM												HRS Number 83139						
Parameter	Symbol	Unit	B531	B532	B533	B534	B536	B537A	B537B	B537B	B538	B540	Method	MDL	QA	Section	%RSD	%Rec	Analyt	Date
Dilution Factor	#		1	1	1	1	1	1	1	1	-	1	EPA601	1					DO	05-05-98
1,1,1,1-tetrachloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			0.803	92.7	DO	05-05-98
1,1,1,1,2,2-tetrachloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			5.01	89.1	DO	05-05-98
1,1,1,2-trichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			6.51	99.2	DO	05-05-98
1,1-dichloroethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			3.2	91.4	DO	05-05-98
1,1,1,1-dichloroethene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			7.9	91.9	DO	05-05-98
1,1,2-dichloroethane	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	-	<0.3U	EPA601	0.3			1.38	91.2	DO	05-05-98
1,2-dichloropropane	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	-	<0.25U	EPA601	0.25			3.79	94.7	DO	05-05-98
2-chloroethylvinyl ether	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1					DO	05-05-98
Bromodichloromethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			4.91	98.8	DO	05-05-98
Bromodorm	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			2.35	92.8	DO	05-05-98
cis-1,3-dichloropropene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			4.75	96.2	DO	05-05-98
Carbon tetrachloride	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			2.73	97.8	DO	05-05-98
Chlorodorm	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	-	<0.3U	EPA601	0.3			4.46	95.4	DO	05-05-98
Dibromochloromethane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			8.77	112	DO	05-05-98
Methylene chloride	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			0.114	97.2	DO	05-05-98
trans-1,3-dichloropropene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			2.68	84.5	DO	05-05-98
Trichlorofluoromethane	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	-	<2U	EPA601	2					DO	05-05-98
1,2-dichloroethene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1					DO	05-05-98
Tetrachloroethene	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			7.5	104	DO	05-05-98
1,1,2-dibromo-3-chloropropane	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	-	<1U	EPA601	1			19.1	97.4	DO	05-05-98
Bromomethane	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	-	<5U	EPA601	5					DO	05-05-98
Chloroethane	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	-	<3U	EPA601	3			2.14	97	DO	05-05-98
Chloromethane	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	-	<5U	EPA601	5					DO	05-05-98
Dichlorodifluoromethane	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	-	<2U	EPA601	2					DO	05-05-98
Vinyl chloride	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA601	0.5					DO	05-05-98
Heil Spills	ug/L	98.5	98.5	98.2	95.6	97.7	96.8	95.9	97.4	97.4	-	97	EPA601	0.5			1.93	93.2	DO	05-05-98
o-dichlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			2.09	92.8	DO	05-05-98
m-dichlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			5.38	94.7	DO	05-05-98
Para-dichlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			1.39	103	DO	05-05-98
Benzene	ug/L	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	-	<0.2U	EPA602	0.2			3.34	101	DO	05-05-98
Chlorobenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			3.07	116	DO	05-05-98
Ethylbenzene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			3	108	DO	05-05-98
Toluene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			2.42	98.3	DO	05-05-98
Xylene	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			3.58	99.2	DO	05-05-98
Methyl-tert-butyl ether	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	-	<0.5U	EPA602	0.5			0.896	96.2	DO	05-05-98
Total BTEX	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	4.85	<0.5U	3.81	4.06	-	<0.5U	EPA602	0.5			3.25	101	DO	05-05-98
PID Spills	ug/L	85.6	90.3	87.3	85.6	87.3	87.7	85.1	85.9	85.9	-	85.7	EPA602	0.5			0.449	95.6	DO	05-05-98
										</										

Project Number	B5 study
PO Number	VCSWD-1
Date Sampled	1 05-02-98 *
Date Analyzed	0
Compacted	1
Format	NormRR
Unit Cost	Extd
EPAS01902	3800 36 *

FLOWERS CHEMICAL LABORATORIES													
ANALYTICAL RESULTS FORM													
HRS Number 89139													
Parameter	Symbol	Unit	B524 9869	B525 9870	B526A 9871	B526B 9872	B527 9873	B528 9874	B528 dup 9875	B529 9876	B530A 9877	B530B 9878	Section
Dilution Factor													
1,1,1-trichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1,2,2-tetrachloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1,2-trichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1-dichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,1-dichloroethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,2-dichloroethane	•	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	DO
1,2-dichloropropane	•	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	DO
2-chloroethoxyethyl ether	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Bromodichloromethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Bromoforn	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
cis-1,3-dichloropropene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Carbon tetrachloride	•	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	DO
Chloroform	•	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	DO
Dibromochloromethane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Methylene chloride	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
trans-1,3-dichloropropene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Trichlorofluoromethane	•	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	DO
trans-1,2-dichloroethene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Trichloroethene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Tetrachloroethene	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
1,2-dibromo-3-chloropropane	•	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	DO
Bromomethane	•	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	DO
Chloroethane	•	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	<3U	DO
Chloromethane	•	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	<5U	DO
Dichlorodibromomethane	•	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	<2U	DO
Vinyl chloride	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Heil Spills	•	ug/L	98.9	97.7	101	100	97.9	99.4	99.4	97.5	94.8	91	DO
o-dichlorobenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	0.787	0.74	<0.5U	DO
m-dichlorobenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
p-dichlorobenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	0.736	1.5	<0.5U	DO
Benzene	•	ug/L	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	2.22	<0.2U	<0.2U	DO
Chlorobenzene	•	ug/L	<0.5U	0.889	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	10.1	16.2	2.23	DO
Ethylbenzene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Toluene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Xylene	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Methyltert-butyl ether	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	DO
Total BTEX	•	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	2.22	<0.5U	4.87	DO
PID Spike	•	ug/L	89.3	89.2	89	89.2	89.4	90.2	89.9	89.7	86.1	87.2	DO
	•												DO

Project Number	B5 study	Date Received:	05-04-98	Typed:	05-21-98	Sent:	05-21-98
PO Number	VCSWD-1						
Date Sampled	1	05-02-98					
Date Analyzed	0						
Compacted	1						
Format	NormRIR						
Unit Cost	Extended						
EPA601602	3800		38				

FLOWERS CHEMICAL LABORATORIES													
ANALYTICAL RESULTS FORM													
HRS Number 83139													
Parameter	Symbol	Unit	B541D 9888	B541S 9890	B536 9891	B40 CW 9892	UT 9893	BWDT 9894	TDW 9895	Method	MDL	QA	Section
Dilution Factor	#									EPA601	1	%RSD	Analyst Date
1,1,1-trichloroethane	200	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	0.803	92.7 DO 05-05-98
1,1,2,2-tetrachloroethane	0.2	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	5.01	88.1 DO 05-05-98
1,1,2-trichloroethane	5	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	6.51	99.2 DO 05-05-98
1,1-dichloroethane	70	ug/L	0.88	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	3.2	91.4 DO 05-05-98
1,1-dichloroethene	7	ug/L	2.65	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	7.9	91.9 DO 05-05-98
1,2-dichloroethane	3	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	EPA601	0.3	1.38	91.2 DO 05-05-98
1,2-dichloropropane	5	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	EPA601	0.25	3.78	94.7 DO 05-05-98
2-chloroethylmethylether	1.75	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1		DO 05-05-98
Bromochloromethane	0.16	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	4.91	96.8 DO 05-05-98
Bromoform	4.4	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	2.35	92.8 DO 05-05-98
1,1,1,2-tetrachloroethane	0.2	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	4.75	96.2 DO 05-05-98
Carbon tetrachloride	3	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	2.73	97.8 DO 05-05-98
Chloroform	5.7	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	2.95	<0.3U	<0.3U	EPA601	0.3	4.46	95.4 DO 05-05-98
Dibromochloromethane	0.4	ug/L	<1U	<1U	<1U	<1U	1.8	<1U	<1U	EPA601	1	8.77	112 DO 05-05-98
Methylene chloride	5	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	0.114	97.2 DO 05-05-98
trans-1,2-dichloroethene	0.2	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	2.68	84.5 DO 05-05-98
Trichlorofluoromethane	210	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	EPA601	2		DO 05-05-98
1,1,2-dichloroethane	100	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1		DO 05-05-98
Trichloroethene	3	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	7.5	104 DO 05-05-98
Tetrachloroethene	3	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1	19.1	97.4 DO 05-05-98
1,2-dibromo-3-chloropropane	2	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U	EPA601	1		DO 05-05-98
Bromomethane	1.8	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	EPA601	5		DO 05-05-98
Chloroethane	12	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U	EPA601	3	2.14	97 DO 05-05-98
Chloromethane	2.5	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U	EPA601	5		DO 05-05-98
Dichlorodifluoromethane	1400	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U	EPA601	2		DO 05-05-98
Vinyl chloride	1	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA601	0.5		DO 05-05-98
Hexafluoride	94.5	ug/L	93.1	97.3	98.7	98.7	95.3	105	104	EPA601	0.5	1.93	93.2 DO 05-05-98
o-dichlorobenzene	600	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	2.09	92.8 DO 05-05-98
m-dichlorobenzene	10	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	5.38	94.7 DO 05-05-98
p-dichlorobenzene	25	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	1.39	103 DO 05-05-98
Benzene	1	ug/L	1.88	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	EPA602	0.2	3.34	101 DO 05-05-98
Chlorobenzene	100	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	3.07	116 DO 05-05-98
Ethylbenzene	30	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	3	108 DO 05-05-98
Toluene	40	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	2.42	98.3 DO 05-05-98
Xylene	20	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	3.58	99.2 DO 05-05-98
Methyl-tert-butylether	50	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	0.896	96.2 DO 05-05-98
Total BTEX		ug/L	1.55	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	EPA602	0.5	3.25	101 DO 05-05-98
PID Spike		ug/L	90.4	92.5	86.5	86.4	86.8	99.1	99	EPA602	0.5	0.449	95.6 DO 05-05-98

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Date Analyzed	0						
Compacted	1						
Format	NormRR						
Unit Cost	Exted						
EPA601602	3800		36				