ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street
2nd Floor
Santurce, Puerto Rico 00907
Ph. (787) 722-0220
Fax (787) 724-5788

NLLAP	10272
PAT	10272
ELAP	11583
NVLAP	200051-0
NELAP	PR00933

ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/14/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
3	176355	Static (geologic sample) Juana Díaz	Benzene	ND	ug/L	5.0	EPA 8260B
			1,2-Dichloroethane	ND	ug/L	5.0	EPA 8260B
			Trichloroethylene	ND	ug/L	5.0	EPA 8260B
			1,2-Dichloropropane	ND	ug/L	5.0	EPA 8260B
			4-Methyl-2-Pentanone (MIBK)	ND	ug/L	25	EPA 8260B
			2-Chloroethyl vinyl ether	ND	ug/L	5.0	EPA 8260B
			cis-1,3-Dichloropropene	ND	ug/L	5.0	EPA 8260B
			Toluene	ND	ug/L	5.0	EPA 8260B
			trans-1,3-Dichloropropene	ND	ug/L	5.0	EPA 8260B
			Bromodichloromethane	ND	ug/L	5.0	EPA 8260B
			Dibromomethane	ND	ug/L	5.0	EPA 8260B
			1,1,2-Trichloroethane	ND	ug/L	5.0	EPA 8260B
			1,2-Dibromoethane	ND	ug/L	5.0	EPA 8260B
			2-Hexanone	ND	ug/L	25	EPA 8260B
			1,3-Dichloropropane	ND	ug/L	5.0	EPA 8260B
			Tetrachloroethylene	ND	ug/L	5.0	EPA 8260B
			Dibromochloromethane	ND	ug/L	5.0	EPA 8260B
			Chlorobenzene	ND	ug/L	5.0	EPA 8260B
			1,1,1,2-Tetrachlorethane	ND	ug/L	5.0	EPA 8260B
			Ethylbenzene	ND	ug/L	5.0	EPA 8260B
			M&P-Xylene	ND	ug/L	10	EPA 8260B
			O-Xylene	ND	ug/L	5.0	EPA 8260B
			Styrene	ND	ug/L	5.0	EPA 8260B
			Bromoform	ND	ug/L	5.0	EPA 8260B
			Isopropylbenzene	ND	ug/L	5.0	EPA 8260B
			1,1,2,2-Tetrachlorethane	ND	ug/L	5.0	EPA 8260B

ND- Not Detected / *PQL - Practical Quantitation Limit.
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Analytical results met all quality control requirements of the test method. Results relate only to the items tested.
Samples were received on acceptable conditions.

APPROVED BY : _____ DATE: 4/12/07
Mildred Santiago, Vice-President
Francis W. Martinez, Laboratory Manager

REVIEWED BY _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO: Miriam Estrada Rodriguez Lic. #1074

Estado Libre Asociado de P.R. QUIMICO LICENCIADO

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ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/14/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
3	176355	Static (geologic sample) Juana Díaz	1,2,3-Trichloropropane	ND	ug/L	5.0	EPA 8260B
			n-Propylbenzene	ND	ug/L	5.0	EPA 8260B
			trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	EPA 8260B
			Bromobenzene	ND	ug/L	5.0	EPA 8260B
			2-Chlorotoluene	ND	ug/L	5.0	EPA 8260B
			1,3,5-Trimethylbenzene	ND	ug/L	5.0	EPA 8260B
			4-Chlorotoluene	ND	ug/L	5.0	EPA 8260B
			tert-Butylbenzene	ND	ug/L	5.0	EPA 8260B
			1,2,4-Trimethylbenzene	ND	ug/L	5.0	EPA 8260B
			sec-Butylbenzene	ND	ug/L	5.0	EPA 8260B
			4-Isopropyltoluene	ND	ug/L	5.0	EPA 8260B
			1,3-Dichlorobenzene	ND	ug/L	5.0	EPA 8260B
			1,4-Dichlorobenzene	ND	ug/L	5.0	EPA 8260B
			n-Butylbenzene	ND	ug/L	5.0	EPA 8260B
			1,2-Dichlorobenzene	ND	ug/L	5.0	EPA 8260B
			1,2-Dibromo-3-Chloropropane	ND	ug/L	5.0	EPA 8260B
			1,2,4-Trichlorobenzene	ND	ug/L	5.0	EPA 8260B
			Hexachlorobutadiene	ND	ug/L	5.0	EPA 8260B
			Naphthalene	ND	ug/L	5.0	EPA 8260B
			1,2,3-Trichlorobenzene	ND	ug/L	5.0	EPA 8260B

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APPROVED BY : _____ DATE: 4/12/07
Mildred Santiago, Vice-President
Francis W. Martínez, Laboratory Manager

REVIEWED BY : _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : _____

Miriam Estrada Rodríguez Lic. #1074

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ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/5/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
1	176353	Landfill Leachate	**Extractable Organics**				
			N-Nitrosodimethylamine	ND	ug/L	5.0	EPA 8270C
			Aniline	ND	ug/L	5.0	EPA 8270C
			bis (2-Chloroethyl)ether	ND	ug/L	5.0	EPA 8270C
			Phenol	ND	ug/L	5.0	EPA 8270C
			2-Chlorophenol	ND	ug/L	5.0	EPA 8270C
			1,3-Dichlorobenzene	ND	ug/L	5.0	EPA 8270C
			1,4-Dichlorobenzene	ND	ug/L	5.0	EPA 8270C
			1,2-Dichlorobenzene	ND	ug/L	5.0	EPA 8270C
			2,2'-oxybis(1-Chloropropane	ND	ug/L	5.0	EPA 8270C
			Benzyl Alcohol	ND	ug/L	5.0	EPA 8270C
			2-Methyl Phenol	ND	ug/L	5.0	EPA 8270C
			Hexacloroethane	ND	ug/L	5.0	EPA 8270C
			N-Nitroso-di-n-propylamine	ND	ug/L	5.0	EPA 8270C
			3&4-Methyl Phenol	ND	ug/L	10	EPA 8270C
			Nitrobenzene	ND	ug/L	5.0	EPA 8270C
			Isophorone	ND	ug/L	5.0	EPA 8270C
			2-Nitrophenol	ND	ug/L	5.0	EPA 8270C
			2-4-Dimethylphenol	ND	ug/L	5.0	EPA 8270C
			bis(2-Chloroethoxy)methane	ND	ug/L	5.0	EPA 8270C
			2,4-Dichlorophenol	ND	ug/L	5.0	EPA 8270C
			1,2,4-Trichlorobenzene	ND	ug/L	5.0	EPA 8270C
			Benzoic Acid	ND	ug/L	10	EPA 8270C
			Naphthalene	ND	ug/L	5.0	EPA 8270C
			4-Chloroaniline	ND	ug/L	5.0	EPA 8270C

ND- Not Detected / *PQL - Practical Quantitation Limit.
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Samples were received on acceptable conditions.

APPROVED BY : _____ DATE: 4/12/07
Mildred Santiago, Vice-President
Francis W. Martínez, Laboratory Manager

REVIEWED BY _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO: _____

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ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/5/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
1	176353	Landfill Leachate	Hexachlorobutadiene	ND	ug/L	5.0	EPA 8270C
			4-Chloro-3-methylphenol	ND	ug/L	5.0	EPA 8270C
			2-Methylnaphthalene	ND	ug/L	5.0	EPA 8270C
			Hexachlorocyclopentadiene	ND	ug/L	5.0	EPA 8270C
			2,4,6-Trichlorophenol	ND	ug/L	5.0	EPA 8270C
			2,4,5-Trichlorophenol	ND	ug/L	5.0	EPA 8270C
			2-Chloronaphthalene	ND	ug/L	5.0	EPA 8270C
			2-Nitroaniline	ND	ug/L	5.0	EPA 8270C
			Acenaphthylene	ND	ug/L	5.0	EPA 8270C
			Dimethyl Phthalate	ND	ug/L	5.0	EPA 8270C
			2,6-Dinitrotoluene	ND	ug/L	5.0	EPA 8270C
			Acenaphthene	ND	ug/L	5.0	EPA 8270C
			3-Nitroaniline	ND	ug/L	5.0	EPA 8270C
			2,4-Dinitrophenol	ND	ug/L	5.0	EPA 8270C
			Dibenzofuran	ND	ug/L	5.0	EPA 8270C
			2,4-Dinitrotoluene	ND	ug/L	5.0	EPA 8270C
			4-Nitrophenol	ND	ug/L	5.0	EPA 8270C
			Fluorene	ND	ug/L	5.0	EPA 8270C
			4-Chlorophenyl Phenyl Ether	ND	ug/L	5.0	EPA 8270C
			Diethyl Phthalate	ND	ug/L	5.0	EPA 8270C
			4-Nitroaniline	ND	ug/L	5.0	EPA 8270C
			2-Methyl-4,6-dinitrophenol	ND	ug/L	5.0	EPA 8270C
			N-Nitrosodiphenylamine	ND	ug/L	5.0	EPA 8270C
			4-Bromophenyl Phenyl Ether	ND	ug/L	5.0	EPA 8270C

ND- Not Detected / *PQL - Practical Quantitation Limit.
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Samples were received on acceptable conditions.

APPROVED BY : _____ DATE: 4/12/07
Mildred Santiago, Vice-President
Francis W. Martínez, Laboratory Manager

REVIEWED BY : _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : _____

Miriam Estrada Rodríguez
Lic. #1074
Estado Libre Asociado de P.R.
QUIMICO LICENCIADO

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ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/5/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
1	176353	Landfill Leachate	Hexachlorobenzene	ND	ug/L	5.0	EPA 8270C
			Pentachlorophenol	ND	ug/L	5.0	EPA 8270C
			Phenanthrene	ND	ug/L	5.0	EPA 8270C
			Antharacene	ND	ug/L	5.0	EPA 8270C
			Carbazole	239	ug/L	50	EPA 8270C
			Di-n-butylphthalate	29.3	ug/L	5.0	EPA 8270C
			Fluoranthene	ND	ug/L	5.0	EPA 8270C
			Benzidine	ND	ug/L	5.0	EPA 8270C
			Pyrene	ND	ug/L	5.0	EPA 8270C
			Butyl Benzyl Phthalate	ND	ug/L	5.0	EPA 8270C
			3,3'-Dichlorobenzidine	ND	ug/L	5.0	EPA 8270C
			Benzo(a)antharacene	ND	ug/L	5.0	EPA 8270C
			Chrysene	ND	ug/L	5.0	EPA 8270C
			bis(2-Ethylhexyl)phthalate	150	ug/L	50	EPA 8270C
			Di-n-octyl phthalate	ND	ug/L	5.0	EPA 8270C
			Indeno (1,2,3-cd)Pyrene	ND	ug/L	5.0	EPA 8270C
			Benzo(b)fluoranthene	ND	ug/L	5.0	EPA 8270C
			Benzo(k)fluoranthene	ND	ug/L	5.0	EPA 8270C
			Benzo(a)pyrene	ND	ug/L	5.0	EPA 8270C
			Dibenzo(a,h)Antharacene	ND	ug/L	5.0	EPA 8270C
			Benzo (g,h,i) perylene	ND	ug/L	5.0	EPA 8270C

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APPROVED BY : _____ DATE: 4/12/07
Mildred Santiago, Vice-President
Francis W. Martinez, Laboratory Manager

REVIEWED BY : Miriam Estrada Rodriguez DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : Lic. #1074

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Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/19/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
3	176355	Static (geologic sample) Juana Díaz	**Extractable Organics**				
			N-Nitrosodimethylamine	ND	ug/L	5.6	EPA 8270C
			Aniline	ND	ug/L	5.6	EPA 8270C
			bis (2-Chloroethyl)ether	ND	ug/L	5.6	EPA 8270C
			Phenol	ND	ug/L	5.6	EPA 8270C
			2-Chlorophenol	ND	ug/L	5.6	EPA 8270C
			1,3-Dichlorobenzene	ND	ug/L	5.6	EPA 8270C
			1,4-Dichlorobenzene	ND	ug/L	5.6	EPA 8270C
			1,2-Dichlorobenzene	ND	ug/L	5.6	EPA 8270C
			2,2'-oxybis(1-Chloropropane	ND	ug/L	5.6	EPA 8270C
			Benzyl Alcohol	ND	ug/L	5.6	EPA 8270C
			2-Methyl Phenol	ND	ug/L	5.6	EPA 8270C
			Hexacloroethane	ND	ug/L	5.6	EPA 8270C
			N-Nitroso-di-n-propylamine	ND	ug/L	5.6	EPA 8270C
			3&4-Methyl Phenol	ND	ug/L	11	EPA 8270C
			Nitrobenzene	ND	ug/L	5.6	EPA 8270C
			Isophorone	ND	ug/L	5.6	EPA 8270C
			2-Nitrophenol	ND	ug/L	5.6	EPA 8270C
			2-4-Dimethylphenol	ND	ug/L	5.6	EPA 8270C
			bis(2-Chloroethoxy)methane	ND	ug/L	5.6	EPA 8270C
			2,4-Dichlorophenol	ND	ug/L	5.6	EPA 8270C
			1,2,4-Trichlorobenzene	ND	ug/L	5.6	EPA 8270C
			Benzoic Acid	55.2	ug/L	11	EPA 8270C
			Naphthalene	ND	ug/L	5.6	EPA 8270C
			4-Chloroaniline	ND	ug/L	5.6	EPA 8270C

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Francis M. Martinez, Laboratory Manager

REVIEWED BY : _____ DATE: 4/12/07
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Lab Project # : PRC11497
Sample Type: Liquid

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Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
3	176355	Static (geologic sample) Juana Díaz	Hexachlorobutadiene	ND	ug/L	5.6	EPA 8270C
			4-Chloro-3-methylphenol	ND	ug/L	5.6	EPA 8270C
			2-Methylnaphthalene	ND	ug/L	5.6	EPA 8270C
			Hexachlorocyclopentadiene	ND	ug/L	5.6	EPA 8270C
			2,4,6-Trichlorophenol	ND	ug/L	5.6	EPA 8270C
			2,4,5-Trichlorophenol	ND	ug/L	5.6	EPA 8270C
			2-Chloronaphthalene	ND	ug/L	5.6	EPA 8270C
			2-Nitroaniline	ND	ug/L	5.6	EPA 8270C
			Acenaphthylene	ND	ug/L	5.6	EPA 8270C
			Dimethyl Phthalate	ND	ug/L	5.6	EPA 8270C
			2,6-Dinitrotoluene	ND	ug/L	5.6	EPA 8270C
			Acenaphthene	ND	ug/L	5.6	EPA 8270C
			3-Nitroaniline	ND	ug/L	5.6	EPA 8270C
			2,4-Dinitrophenol	ND	ug/L	5.6	EPA 8270C
			Dibenzofuran	ND	ug/L	5.6	EPA 8270C
			2,4-Dinitrotoluene	ND	ug/L	5.6	EPA 8270C
			4-Nitrophenol	ND	ug/L	5.6	EPA 8270C
			Fluorene	ND	ug/L	5.6	EPA 8270C
			4-Chlorophenyl Phenyl Ether	ND	ug/L	5.6	EPA 8270C
			Diethyl Phthalate	ND	ug/L	5.6	EPA 8270C
			4-Nitroaniline	ND	ug/L	5.6	EPA 8270C
			2-Methyl-4,6-dinitrophenol	ND	ug/L	5.6	EPA 8270C
			N-Nitrosodiphenylamine	ND	ug/L	5.6	EPA 8270C
			4-Bromophenyl Phenyl Ether	ND	ug/L	5.6	EPA 8270C

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Francis W. Martínez, Laboratory Manager

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Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/19/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
3	176355	Static (geologic sample) Juana Díaz	Hexachlorobenzene	ND	ug/L	5.6	EPA 8270C
			Pentachlorophenol	ND	ug/L	5.6	EPA 8270C
			Phenanthrene	ND	ug/L	5.6	EPA 8270C
			Antharacene	ND	ug/L	5.6	EPA 8270C
			Carbazole	246	ug/L	56	EPA 8270C
			Di-n-butylphthalate	ND	ug/L	5.6	EPA 8270C
			Fluoranthene	ND	ug/L	5.6	EPA 8270C
			Benzidine	ND	ug/L	5.6	EPA 8270C
			Pyrene	ND	ug/L	5.6	EPA 8270C
			Butyl Benzyl Phthalate	ND	ug/L	5.6	EPA 8270C
			3,3'-Dichlorobenzidine	ND	ug/L	5.6	EPA 8270C
			Benzo(a)antharacene	ND	ug/L	5.6	EPA 8270C
			Chrysene	ND	ug/L	5.6	EPA 8270C
			bis(2-Ethylhexyl)phthalate	177	ug/L	56	EPA 8270C
			Di-n-octyl phthalate	ND	ug/L	5.6	EPA 8270C
			Indeno (1,2,3-cd)Pyrene	ND	ug/L	5.6	EPA 8270C
			Benzo(b)fluoranthene	ND	ug/L	5.6	EPA 8270C
			Benzo(k)fluoranthene	ND	ug/L	5.6	EPA 8270C
			Benzo(a)pyrene	ND	ug/L	5.6	EPA 8270C
			Dibenzo(a,h)Antharacene	ND	ug/L	5.6	EPA 8270C
			Benzo (g,h,i) perylene	ND	ug/L	5.6	EPA 8270C

ND- Not Detected / *PQL - Practical Quantitation Limit.
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Analytical results met all quality control requirements of the test method. Results relate only to the items tested.
Samples were received on acceptable conditions.

APPROVED BY : _____ DATE: 4/12/07
Mildred Santiago, Vice-President
Francis W. Martínez, Laboratory Manager

REVIEWED BY _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : _____

Estado Libre Asociado de P.R. Miriam Estrada Rodriguez Lic. #1074 QUIMICO LICENCIADO

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street
2nd Floor
Santurce, P. R. 00907
Ph. (787) 722-0220
Fax (787) 724-5788

NLLAP	102702
PAT	102702
ELAP	11583
NVLAP	200051-0
NELAP	PR00933

ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # PRC11497

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/9/07

Sample Type: Liquid

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
1	176353	Landfill Leacheats	Aroclor 1016	ND	mg/L	0.001	EPA 8082A
			Aroclor 1221	ND	mg/L	0.001	EPA 8082A
			Aroclor 1232	ND	mg/L	0.001	EPA 8082A
			Aroclor 1242	ND	mg/L	0.001	EPA 8082A
			Aroclor 1248	ND	mg/L	0.001	EPA 8082A
			Aroclor 1254	ND	mg/L	0.001	EPA 8082A
			Aroclor 1260	ND	mg/L	0.001	EPA 8082A
			Aroclor 1262	ND	mg/L	0.001	EPA 8082A
			Aroclor 1268	ND	mg/L	0.001	EPA 8082A
			DCBP (surrogate)	87%			

*PQL- Practical Quantitation Limit / Samples were received on acceptable conditions.
**ND - Not Detected
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Francis W. Martínez, Laboratory

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Miriam Estrada, PR Certified Chemist

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ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # PRC11497

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/9/07

Sample Type: Liquid

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	Units	PQL*	Method
3	176355	Static (geologic sample) Juana Díaz	Aroclor 1016	ND	mg/L	0.001	EPA 8082A
			Aroclor 1221	ND	mg/L	0.001	EPA 8082A
			Aroclor 1232	ND	mg/L	0.001	EPA 8082A
			Aroclor 1242	ND	mg/L	0.001	EPA 8082A
			Aroclor 1248	ND	mg/L	0.001	EPA 8082A
			Aroclor 1254	ND	mg/L	0.001	EPA 8082A
			Aroclor 1260	ND	mg/L	0.001	EPA 8082A
			Aroclor 1262	ND	mg/L	0.001	EPA 8082A
			Aroclor 1268	ND	mg/L	0.001	EPA 8082A
			DCBP (surrogate)	87%			

*PQL- Practical Quantitation Limit / Samples were received on acceptable conditions.
**ND - Not Detected
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Kraneis W. Martinez, Laboratory

REVIEWED BY : _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : _____

Miriam Estrada Rodriguez Lic. #1074
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ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/5/07
3/9/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	PQL*	Units	Method
1	176353	Landfill Leachate	**Herbicides**				
			2,4-D	ND	0.002	mg/L	EPA 8151 A
			2,4,5-TP (Silvex)	ND	0.003	mg/L	EPA 8151 A
			DCAA (surrogate)	100%			
			Pesticides				
			a-BHC	ND	0.0003	mg/L	EPA 8081A
			b-BHC	ND	0.0003	mg/L	EPA 8081A
			g-BHC (Lindane)	ND	0.0002	mg/L	EPA 8081A
			d-BHC	ND	0.0006	mg/L	EPA 8081A
			Heptachlor	ND	0.0005	mg/L	EPA 8081A
			Aldrin	ND	0.0005	mg/L	EPA 8081A
			Hept. Epoxide	ND	0.0003	mg/L	EPA 8081A
			Ensosulfan I	ND	0.0002	mg/L	EPA 8081A
			4,4'DDE	ND	0.0002	mg/L	EPA 8081A
			Dieldrin	ND	0.0002	mg/L	EPA 8081A
			Endrin	ND	0.0002	mg/L	EPA 8081A
			Endosulfan II	ND	0.0006	mg/L	EPA 8081A
			4,4'DDD	ND	0.0003	mg/L	EPA 8081A
			Endosulfan Sulf.	ND	0.0002	mg/L	EPA 8081A
			4,4'DDT	ND	0.0003	mg/L	EPA 8081A
			Methoxychlor	ND	0.0003	mg/L	EPA 8081A
			Chlordane	ND	0.002	mg/L	EPA 8081A
			Toxaphene	ND	0.001	mg/L	EPA 8081A
			DCBP(surrogate)	136%			

*PQL - Practical Quantitation Limit
** ND - Not Detected / Results relate only to the items tested.
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Mildred Santiago, Vice-President
Francis W. Martinez, Laboratory Manager

VIEWED BY : _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : Lic. #1074

Estado Libre Asociado de P.R. — Miriam Estrada Rodriguez — QUIMICO LICENCIADO

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PAT	102702
ELAP	11583
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NELAP	PR00933

ANALYTICAL REPORT

Client : Geological Engineering & Environmental
44 Venus Ave. Guaynabo, Puerto Rico 00965
Project : Yauco Landfill (Expansion Project)
Lab Project # : PRC11497
Sample Type: Liquid

Date Collected: 2/23/07
Date Received: 2/27/07
Date Analyzed: 3/5/07
3/9/07

Sample I.D.	Laboratory I.D.	Sample Description	Analysis Performed	Results	PQL*	Units	Method
3	176355	Static (geologic sample) Juana Díaz	**Herbicides**				
			2,4-D	ND	0.002	mg/L	EPA 8151 A
			2,4,5-TP (Silvex)	ND	0.003	mg/L	EPA 8151 A
			DCAA (surrogate)	100%			
			Pesticides				
			a-BHC	ND	0.0003	mg/L	EPA 8081A
			b-BHC	ND	0.0003	mg/L	EPA 8081A
			g-BHC (Lindane)	ND	0.0002	mg/L	EPA 8081A
			d-BHC	ND	0.0006	mg/L	EPA 8081A
			Heptachlor	ND	0.0005	mg/L	EPA 8081A
			Aldrin	ND	0.0005	mg/L	EPA 8081A
			Hept. Epoxide	ND	0.0003	mg/L	EPA 8081A
			Ensosulfan I	ND	0.0002	mg/L	EPA 8081A
			4,4'DDE	ND	0.0002	mg/L	EPA 8081A
			Dieldrin	ND	0.0002	mg/L	EPA 8081A
			Endrin	ND	0.0002	mg/L	EPA 8081A
			Endosulfan II	ND	0.0006	mg/L	EPA 8081A
			4,4'DDD	ND	0.0003	mg/L	EPA 8081A
			Endosulfan Sulf.	ND	0.0002	mg/L	EPA 8081A
			4,4'DDT	ND	0.0003	mg/L	EPA 8081A
			Methoxychlor	ND	0.0003	mg/L	EPA 8081A
			Chlordane	ND	0.002	mg/L	EPA 8081A
			Toxaphene	ND	0.001	mg/L	EPA 8081A
			DCBP(surrogate)	136%			

*PQL - Practical Quantitation Limit
** ND - Not Detected / Results relate only to the items tested.
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Mildred Santiago, Vice-President
Francis W. Martinez, Laboratory Manager

VIEWED BY : _____ DATE: 4/12/07
Miriam Estrada, PR Certified Chemist

CERTIFICATE NO : _____

Estado Libre Asociado de P.R. Miriam Estrada Rodriguez Lic. #1074 QUIMICO LICENCIADO

Analytical Environmental Services International, Inc.

611 Labra St., 2nd Floor, Santurce, P.R. 00907

QUALITY CONTROL DATA SUMMARY FOR YAUCO LANDFILL EXPANSION PROJECT

PRC11497

Trace Metals

[illegible] Calibration Verification Standard

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Aluminum	200.7	3/6/07	mg/L	1.00	0.99	99	95-105	Pass
Antimony	200.7	3/6/07	mg/L	1.00	1.00	100	95-105	Pass
Arsenic	200.7	3/6/07	mg/L	1.00	0.99	99	95-105	Pass
Barium	200.7	3/6/07	mg/L	1.00	1.03	103	95-105	Pass
Beryllium	200.7	3/6/07	mg/L	1.00	0.93	93	95-105	Pass
Boron	200.7	3/6/07	mg/L	1.00	0.98	98	95-105	Pass
Calcium	200.7	3/6/07	mg/L	50.0	52.5	105	95-105	Pass
Cadmium	200.7	3/6/07	mg/L	1.00	1.05	105	95-105	Pass
Cobalt	200.7	3/6/07	mg/L	1.00	1.04	104	95-105	Pass
Copper	200.7	3/6/07	mg/L	1.00	1.02	102	95-105	Pass
Chromium	200.7	3/6/07	mg/L	1.00	1.04	104	95-105	Pass
Iron	200.7	3/6/07	mg/L	1.00	1.04	104	95-105	Pass
Lead	200.7	3/6/07	mg/L	1.00	1.04	104	95-105	Pass
Magnesium	200.7	3/6/07	mg/L	10.0	10.78	108	95-105	Pass
Manganese	200.7	3/6/07	mg/L	1.00	1.01	101	95-105	Pass
Molybdenum	200.7	3/6/07	mg/L	1.00	1.08	108	95-105	Pass
Niquel	200.7	3/6/07	mg/L	1.00	1.05	105	95-105	Pass
Potassium	200.7	3/6/07	mg/L	50.0	51.3	103	95-105	Pass
Selenium	200.7	3/6/07	mg/L	1.00	1.03	103	95-105	Pass
Silver	200.7	3/6/07	mg/L	1.00	0.95	95	95-105	Pass
Sodium	200.7	3/6/07	mg/L	50.0	53.1	106	95-105	Pass
Thallium	200.7	3/6/07	mg/L	1.00	1.01	101	95-105	Pass
Vanadium	200.7	3/6/07	mg/L	1.00	1.03	103	95-105	Pass
Zinc	200.7	3/6/07	mg/L	1.00	0.98	98	95-105	Pass

[illegible] Calibration Verification Standard

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Aluminum	200.7	3/6/07	mg/L	1.00	1.00	100	90-110	Pass
Antimony	200.7	3/6/07	mg/L	1.00	0.91	91	90-110	Pass
Arsenic	200.7	3/6/07	mg/L	1.00	0.92	92	90-110	Pass
Barium	200.7	3/6/07	mg/L	1.00	0.89	89	90-110	Pass
Beryllium	200.7	3/6/07	mg/L	1.00	0.94	94	90-110	Pass
Boron	200.7	3/6/07	mg/L	1.00	1.10	110	90-110	Pass
Calcium	200.7	3/6/07	mg/L	50.0	47.15	94	90-110	Pass
Cadmium	200.7	3/6/07	mg/L	1.00	1.08	108	90-110	Pass
Cobalt	200.7	3/6/07	mg/L	1.00	0.98	98	90-110	Pass
Copper	200.7	3/6/07	mg/L	1.00	0.93	93	90-110	Pass
Chromium	200.7	3/6/07	mg/L	1.00	1.00	100	90-110	Pass
Iron	200.7	3/6/07	mg/L	1.00	1.06	106	90-110	Pass
Lead	200.7	3/6/07	mg/L	1.00	1.08	108	90-110	Pass
Magnesium	200.7	3/6/07	mg/L	10.0	10.51	105	90-110	Pass
Manganese	200.7	3/6/07	mg/L	1.00	0.98	98	90-110	Pass
Molybdenum	200.7	3/6/07	mg/L	1.00	0.994	99	90-110	Pass
Niquel	200.7	3/6/07	mg/L	1.00	1.00	100	90-110	Pass
Potassium	200.7	3/6/07	mg/L	50.0	50.95	102	90-110	Pass
Selenium	200.7	3/6/07	mg/L	1.00	0.96	96	90-110	Pass
Silver	200.7	3/6/07	mg/L	1.00	0.91	91	90-110	Pass
Sodium	200.7	3/6/07	mg/L	50.0	51.6	103	90-110	Pass
Thallium	200.7	3/6/07	mg/L	1.00	0.95	95	90-110	Pass
Vanadium	200.7	3/6/07	mg/L	1.00	1.03	103	90-110	Pass
Zinc	200.7	3/6/07	mg/L	1.00	1.02	102	90-110	Pass

Analytical Environmental Services International, Inc.

611 Monserrte St., 2nd Floor, Santurce, P.R. 00907

QUALITY CONTROL DATA SUMMARY FOR YAUCO LANDFILL EXPANSION PROJECT

PRC11497

Trace Metals

Laboratory Control Sample

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Aluminum	200.7	3/6/07	mg/L	0.479	0.493	103	90-110	Pass
Antimony	200.7	3/6/07	mg/L	0.445	0.443	100	90-110	Pass
Arsenic	200.7	3/6/07	mg/L	0.412	0.380	92	90-110	Pass
Barium	200.7	3/6/07	mg/L	2.000	2.195	110	90-110	Pass
Beryllium	200.7	3/6/07	mg/L	0.0334	0.031	94	90-110	Pass
Boron	200.7	3/6/07	mg/L	1.260	1.218	97	90-110	Pass
Calcium	200.7	3/6/07	mg/L	57.3	54.32	95	90-110	Pass
Cadmium	200.7	3/6/07	mg/L	0.178	0.1804	101	90-110	Pass
Cobalt	200.7	3/6/07	mg/L	0.834	0.8711	104	90-110	Pass
Copper	200.7	3/6/07	mg/L	0.7010	0.7253	103	90-110	Pass
Chromium	200.7	3/6/07	mg/L	0.612	0.6281	103	90-110	Pass
Lead	200.7	3/6/07	mg/L	1.150	1.203	105	90-110	Pass
Iron	200.7	3/6/07	mg/L	0.223	0.234	105	90-110	Pass
Magnesium	200.7	3/6/07	mg/L	13.8	13.69	99	90-110	Pass
Manganese	200.7	3/6/07	mg/L	1.990	2.12	107	90-110	Pass
Molybdenum	200.7	3/6/07	mg/L	0.287	0.266	93	90-110	Pass
Niquel	200.7	3/6/07	mg/L	0.880	0.930	106	90-110	Pass
Potassium	200.7	3/6/07	mg/L	28.9	32.46	112	90-110	Pass
Selenium	200.7	3/6/07	mg/L	1.69	1.87	111	90-110	Pass
Silver	200.7	3/6/07	mg/L	0.0893	0.0882	99	90-110	Pass
Sodium	200.7	3/6/07	mg/L	73.6	70.1	95	90-110	Pass
Thallium	200.7	3/6/07	mg/L	0.521	0.516	99	90-110	Pass
Vanadium	200.7	3/6/07	mg/L	1.250	1.279	102	90-110	Pass
Zinc	200.7	3/6/07	mg/L	1.630	1.751	107	90-110	Pass

Laboratory Fortified Blank

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Aluminum	200.7	3/6/07	mg/L	1.00	0.98	98	85-115	Pass
Antimony	200.7	3/6/07	mg/L	1.00	0.94	94	85-115	Pass
Arsenic	200.7	3/6/07	mg/L	1.00	0.97	97	85-115	Pass
Barium	200.7	3/6/07	mg/L	1.00	1.01	101	85-115	Pass
Beryllium	200.7	3/6/07	mg/L	1.00	0.90	90	85-115	Pass
Boron	200.7	3/6/07	mg/L	1.00	0.90	90	85-115	Pass
Calcium	200.7	3/6/07	mg/L	50.0	48.92	98	85-115	Pass
Cadmium	200.7	3/6/07	mg/L	1.00	1.01	101	85-115	Pass
Cobalt	200.7	3/6/07	mg/L	1.00	1.00	100	85-115	Pass
Copper	200.7	3/6/07	mg/L	1.00	1.01	101	85-115	Pass
Chromium	200.7	3/6/07	mg/L	1.00	1.00	100	85-115	Pass
Iron	200.7	3/6/07	mg/L	1.00	1.00	100	85-115	Pass
Lead	200.7	3/6/07	mg/L	1.00	1.01	101	85-115	Pass
Magnesium	200.7	3/6/07	mg/L	10.0	10.54	105	85-115	Pass
Manganese	200.7	3/6/07	mg/L	1.00	0.97	97	85-115	Pass
Molybdenum	200.7	3/6/07	mg/L	1.00	1.02	102	85-115	Pass
Niquel	200.7	3/6/07	mg/L	1.00	1.01	101	85-115	Pass
Potassium	200.7	3/6/07	mg/L	50.0	51.23	102	85-115	Pass
Selenium	200.7	3/6/07	mg/L	1.00	1.01	101	85-115	Pass
Silver	200.7	3/6/07	mg/L	1.00	0.93	93	85-115	Pass
Sodium	200.7	3/6/07	mg/L	50.0	52.3	105	85-115	Pass
Thallium	200.7	3/6/07	mg/L	1.00	0.98	98	85-115	Pass
Vanadium	200.7	3/6/07	mg/L	1.00	1.00	100	85-115	Pass
Zinc	200.7	3/6/07	mg/L	1.00	0.92	92	85-115	Pass

Analytical Environmental Services International, Inc.

611 Monserrte St., 2nd Floor, Santurce, P.R. 00907

QUALITY CONTROL DATA SUMMARY FOR YAUCO LANDFILL EXPANSION PRC11497

Trace Metals

Matrix Spike Recovery

Analyte	Method	Date	Units	Orig.Val.	MS Val.	Spike Conc.	% Recovery	QC Limits	Evaluation
Aluminum	200.7	3/6/07	mg/L	0.0392	0.9957	1.00	100	70-130	Pass
Antimony	200.7	3/6/07	mg/L	ND	0.9456	1.00	95	70-130	Pass
Arsenic	200.7	3/6/07	mg/L	ND	0.988	1.00	99	70-130	Pass
Barium	200.7	3/6/07	mg/L	ND	0.984	1.00	98	70-130	Pass
Beryllium	200.7	3/6/07	mg/L	ND	0.948	1.00	95	70-130	Pass
Boron	200.7	3/6/07	mg/L	0.093	1.068	1.00	98	70-130	Pass
Calcium	200.7	3/6/07	mg/L	28.86	31.53	10.0	27	70-130	Fail
Cadmium	200.7	3/6/07	mg/L	0.0009	1.068	1.00	107	70-130	Pass
Cobalt	200.7	3/6/07	mg/L	0.0003	1.003	1.00	100	70-130	Pass
Copper	200.7	3/6/07	mg/L	ND	0.995	1.00	100	70-130	Pass
Chromium	200.7	3/6/07	mg/L	0.002	1.008	1.00	101	70-130	Pass
Iron	200.7	3/6/07	mg/L	0.033	1.016	1.00	98	70-130	Pass
Lead	200.7	3/6/07	mg/L	0.0044	1.054	1.00	105	70-130	Pass
Magnesium	200.7	3/6/07	mg/L	8.141	10.35	10.0	22	70-130	Fail
Manganese	200.7	3/6/07	mg/L	ND	0.993	1.00	99	70-130	Pass
Molybdenum	200.7	3/6/07	mg/L	0.003	1.120	1.00	112	70-130	Pass
Niquel	200.7	3/6/07	mg/L	0.002	1.024	1.00	102	70-130	Pass
Potassium	200.7	3/6/07	mg/L	8.562	16.16	10.0	76	70-130	Pass
Selenium	200.7	3/6/07	mg/L	ND	1.062	1.00	106	70-130	Pass
Silver	200.7	3/6/07	mg/L	0.0023	0.932	1.00	93	70-130	Pass
Sodium	200.7	3/6/07	mg/L	27.4	36.7	10.0	93	70-130	Pass
Thallium	200.7	3/6/07	mg/L	ND	1.012	1.00	101	70-130	Pass
Vanadium	200.7	3/6/07	mg/L	0.068	1.014	1.00	95	70-130	Pass
Zinc	200.7	3/6/07	mg/L	ND	1.002	1.00	100	70-130	Pass

Matrix Spike Duplicate

Analyte	Method	Date	Units	Orig.Val.	Duplicate	RPD	QC Limits	Evaluation
Aluminum	200.7	3/6/07	mg/L	0.9957	0.9829	1.29	<20	Pass
Antimony	200.7	3/6/07	mg/L	0.9456	0.9631	1.83	<20	Pass
Arsenic	200.7	3/6/07	mg/L	0.988	0.9752	1.32	<20	Pass
Barium	200.7	3/6/07	mg/L	0.984	0.998	1.40	<20	Pass
Beryllium	200.7	3/6/07	mg/L	0.948	0.923	2.59	<20	Pass
Boron	200.7	3/6/07	mg/L	1.068	0.971	9.52	<20	Pass
Calcium	200.7	3/6/07	mg/L	31.53	32.02	1.54	<20	Pass
Cadmium	200.7	3/6/07	mg/L	1.068	1.035	3.14	<20	Pass
Cobalt	200.7	3/6/07	mg/L	1.003	0.9902	1.28	<20	Pass
Copper	200.7	3/6/07	mg/L	0.995	1.007	1.17	<20	Pass
Chromium	200.7	3/6/07	mg/L	1.008	0.996	1.19	<20	Pass
Iron	200.7	3/6/07	mg/L	1.016	1.004	1.19	<20	Pass
Lead	200.7	3/6/07	mg/L	1.054	1.034	1.92	<20	Pass
Magnesium	200.7	3/6/07	mg/L	10.35	10.480	1.2	<20	Pass
Manganese	200.7	3/6/07	mg/L	0.993	0.972	2.19	<20	Pass
Molybdenum	200.7	3/6/07	mg/L	1.120	1.0880	2.90	<20	Pass
Niquel	200.7	3/6/07	mg/L	1.024	1.014	0.98	<20	Pass
Potassium	200.7	3/6/07	mg/L	16.16	16.380	1.35	<20	Pass
Selenium	200.7	3/6/07	mg/L	1.062	1.035	2.58	<20	Pass
Silver	200.7	3/6/07	mg/L	0.932	0.931	0.10	<20	Pass
Sodium	200.7	3/6/07	mg/L	36.65	36.82	0.46	<20	Pass
Thallium	200.7	3/6/07	mg/L	1.012	1.001	1.09	<20	Pass
Vanadium	200.7	3/6/07	mg/L	1.014	0.9985	1.54	<20	Pass
Zinc	200.7	3/6/07	mg/L	1.002	0.9497	5.36	<20	Pass

Analytical Environmental Services International, Inc.

611 Monserrate St., 2nd Floor, Santurce, P.R. 00907

QUALITY CONTROL DATA SUMMARY FOR YAUCO LANDFILL EXPANSION PROJECT
PRC11497

Trace Metals

Analyte	Method	Date	Units	ICV	LRB	CCV	Evaluation
Aluminum	200.7	3/6/07	mg/L	<0.004	<0.004	0.004	Pass
Antimony	200.7	3/6/07	mg/L	<0.002	<0.002	<0.002	Pass
Arsenic	200.7	3/6/07	mg/L	<0.002	0.002	0.002	Pass
Barium	200.7	3/6/07	mg/L	<0.0007	<0.0007	<0.0007	Pass
Beryllium	200.7	3/6/07	mg/L	0.0005	0.0004	0.0003	Pass
Boron	200.7	3/6/07	mg/L	<0.075	<0.075	<0.075	Pass
Calcium	200.7	3/6/07	mg/L	<0.500	<0.500	<0.500	Pass
Cadmium	200.7	3/6/07	mg/L	<0.0002	<0.0002	<0.0002	Pass
Cobalt	200.7	3/6/07	mg/L	<0.0003	<0.0003	<0.0003	Pass
Copper	200.7	3/6/07	mg/L	<0.001	<0.001	<0.001	Pass
Iron	200.7	3/6/07	mg/L	<0.002	<0.002	<0.002	Pass
Lead	200.7	3/6/07	mg/L	<0.001	<0.001	<0.001	Pass
Magnesium	200.7	3/6/07	mg/L	<0.014	<0.014	<0.014	Pass
Manganese	200.7	3/6/07	mg/L	<0.0002	<0.0002	<0.0002	Pass
Molybdenum	200.7	3/6/07	mg/L	0.004	0.002	0.002	Pass
Niquel	200.7	3/6/07	mg/L	<0.0005	<0.0005	<0.0005	Pass
Potassium	200.7	3/6/07	mg/L	<0.500	<0.500	<0.500	Pass
Selenium	200.7	3/6/07	mg/L	<0.004	<0.004	<0.004	Pass
Silver	200.7	3/6/07	mg/L	<0.001	<0.001	0.002	Pass
Sodium	200.7	3/6/07	mg/L	<0.500	<0.500	<0.500	Pass
Thallium	200.7	3/6/07	mg/L	<0.002	<0.002	<0.002	Pass
Vanadium	200.7	3/6/07	mg/L	<0.001	<0.001	<0.001	Pass
Zinc	200.7	3/6/07	mg/L	<0.005	<0.005	<0.005	Pass

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Date: 4/12/07

Analytical Environmental Services International, Inc.

611 Labra St., 2nd Floor, Santurce, P.R. 00907

QUALITY CONTROL DATA SUMMARY FOR YAUCO LANDFILL EXPANSION PROJECT

PRC11497

Trace Metals

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Calcium	200.7	3/21/07	mg/L	50.0	51.7	103	95-105	Pass
Magnesium	200.7	3/21/07	mg/L	50.0	52.72	105	95-105	Pass
Mercury	7470A	3/16/07	mg/L	0.005	0.01	106	90-110	Pass
Potassium	200.7	3/21/07	mg/L	50.0	50.2	100	95-105	Pass
Sodium	200.7	3/21/07	mg/L	50.0	53.1	106	95-105	Pass

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Calcium	200.7	3/21/07	mg/L	50.0	46.09	92	90-110	Pass
Magnesium	200.7	3/21/07	mg/L	50.0	51.80	104	90-110	Pass
Mercury	7470A	3/16/07	mg/L	0.005	0.0048	96	90-110	Pass
Potassium	200.7	3/21/07	mg/L	50.0	48.67	97	90-110	Pass
Sodium	200.7	3/21/07	mg/L	50.0	51.34	103	90-110	Pass

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Calcium	200.7	3/21/07	mg/L	57.3	58.68	102	90-110	Pass
Magnesium	200.7	3/21/07	mg/L	13.8	15.21	110	90-110	Pass
Mercury	7470A	3/16/07	mg/L	0.018	0.0178	99	90-110	Pass
Potassium	200.7	3/21/07	mg/L	28.9	33.55	116	90-110	Pass
Sodium	200.7	3/21/07	mg/L	73.6	74.83	102	90-110	Pass

Analyte	Method	Date	Units	Known Val.	Analyzed Val.	% Recovery	QC Limits	Evaluation
Calcium	200.7	3/21/07	mg/L	50.0	48.13	96	85-115	Pass
Magnesium	200.7	3/21/07	mg/L	50.0	52.01	104	85-115	Pass
Mercury	7470A	3/16/07	mg/L	0.001	0.0012	120	85-115	Pass
Potassium	200.7	3/21/07	mg/L	50.0	48.91	98	85-115	Pass
Sodium	200.7	3/21/07	mg/L	50.0	51.51	103	85-115	Pass

Analyte	Method	Date	Units	Orig.Val.	MS Val.	Spike Conc.	% Recovery	QC Limits	Evaluation
Calcium	200.7	3/21/07	mg/L	0.42	47.40	50.0	94	70-130	Pass
Magnesium	200.7	3/21/07	mg/L	0.1946	51.94	50.0	103	70-130	Pass
Mercury	7470A	3/16/07	mg/L	0.0002	0.0012	0.001	100	70-130	Pass
Potassium	200.7	3/21/07	mg/L	0.0545	48.03	50.0	96	70-130	Pass
Sodium	200.7	3/21/07	mg/L	2.992	50.67	50.0	95	70-130	Pass

Analyte	Method	Date	Units	Orig.Val.	Duplicate	RPD	QC Limits	Evaluation
Calcium	200.7	3/21/07	mg/L	47.40	46.54	1.83	<20	Pass
Magnesium	200.7	3/21/07	mg/L	51.94	51.81	0.25	<20	Pass
Mercury	7470A	3/16/07	mg/L	0.0012	0.0012	0.00	<20	Pass
Potassium	200.7	3/21/07	mg/L	48.03	48.51	0.99	<20	Pass
Sodium	200.7	3/21/07	mg/L	50.67	50.95	0.55	<20	Pass

Analyte	Method	Date	Units	ICV	LRB	CCV	Evaluation
Calcium	200.7	3/21/07	mg/L	<0.500	<0.500	<0.500	Pass
Magnesium	200.7	3/21/07	mg/L	<0.014	<0.014	<0.014	Pass
Mercury	7470A	3/16/07	mg/L	<0.0003	<0.0003	<0.0003	Pass
Potassium	200.7	3/21/07	mg/L	<0.500	<0.500	<0.500	Pass
Sodium	200.7	3/21/07	mg/L	<0.500	<0.500	<0.500	Pass

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Date: 4/12/07

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