BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: March 1, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 5,000 TONS**

SAMPLER: Client (Gil Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1900860
LAB. FILE ID: 1900860
DATE SAMPLED: 02/20/19-11:35AM
DATE RECEIVED: 02/20/19
DATE EXTRACTED: 02/22/19
DATE ANALYZED: 02/28/19 (Metals)
02/25/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1900860 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.138	0.010^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	0.021	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	0.00009	0.00005	0.2
D010	Selenium	0.090	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1900860

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

ESTADO LIBRE ASOCIADO
Iris M. [illegible]
Lic. [illegible]
A 1715948

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER Gil Rosario

SAMPLE LOCATION/CLIENT ID	Agremax 5,000 TOX	TIME 11:35 (AM) PM	CONTROL NO. 197177
SAMPLE DATE	2/20/2019	BEL. NO. 1900960	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	( )		Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	( )		Lead	(Pb)	( )	
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	( )		Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	(X) ✓	1	Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
Volatiles	( )		Phenols GC	( )
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )
Herbicides	( )		PCB's Only	( )
BTEX	( )		TPH 418.1	( )
TTO & Dioxin	( )		TTO	( )
			TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments: TCLP RUSH !!

Sampling Witness; _____
Date/Time: _____
Relinquished by: Luis C Torres
Date/Time: 2/20/2019 12:10 pm
Received by: Anthony Pacheco
Date/Time: 02/20/2019 12:10 pm.
Relinquished by: Anthony Pacheco
Date/Time: 02/20/2019 2:40 pm.
Received by: [signature]
Date/Time: 2/20/19 2:40 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: March 1, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 10,000 TONS

SAMPLER: Client (Carlos González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1900893
LAB. FILE ID: 1900893
DATE SAMPLED: 02/20/19-11:00PM
DATE RECEIVED: 02/21/19
DATE EXTRACTED: 02/26/19
DATE ANALYZED: 02/28/19 (Metals)
02/28/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1900893 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.092	0.010^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	0.019	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.090	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1900893

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

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Iris M. Chévere
Alfonzo
Lic. # 2370
QUÍMICO LICENCIADO

A 1715949

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gma.	SAMPLER	Carlos Gonzalez
SAMPLE LOCATION/CLIENT ID	Agremax - 10,000 Tons	TIME	1120 AM/PM	CONTROL NO.
SAMPLE DATE	2-20-19	BEL. NO.	1900873	197409

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	( )	—	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			

2. Metals:							
Aluminum	(Al)	( )	—	Cadmium	(Cd)	( )	—
Chromium	(Cr)	( )	—	Copper	(Cu)	( )	—
Iron	(Fe)	( )	—	Lead	(Pb)	( )	—
Manganese	(Mn)	( )	—	Mercury	(Hg)	( )	—
Nickel	(Ni)	( )	—	Selenium	(Se)	( )	—
Silver	(Ag)	( )	—	Tin	(Sn)	( )	—
Zinc	(Zn)	( )	—	Arsenic	(As)	( )	—
Barium	(Ba)	( )	—	Boron	(B)	( )	—
Antimony	(Sb)	( )	—	Beryllium	(Be)	( )	—
Bismuth	(Bi)	( )	—	Calcium	(Ca)	( )	—
Chromium, Vl	(CrVI)	( )	—	Cobalt	(Co)	( )	—
Magnesium	(Mg)	( )	—	Molybdenum	(Mo)	( )	—
Potassium	(K)	( )	—	Silicon	(Si)	( )	—
Sodium	(Na)	( )	—	Strontium	(Sr)	( )	—
Thallium	(Tl)	( )	—	Titanium	(Ti)	( )	—
Vanadium	(V)	( )	—	Lithium	(Li)	( )	—

3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	(X)	I	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			

4. Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
			Lindane	( )	—

5. Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 2/21/19 10:10am
Received by: _____
Date/Time: 2-21-19 1150 AM
Relinquished by: _____
Date/Time: 2-21-19 233 PM
Received by: _____
Date/Time: 2/21/19 233 PM
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days (✓)

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: March 1, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 14,800 TONS

SAMPLER: Client (G. Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1900933
LAB. FILE ID: 1900933
DATE SAMPLED: 02/22/19-1:00PM
DATE RECEIVED: 02/22/19
DATE EXTRACTED: 02/26/19
DATE ANALYZED: 02/28/19 (Metals)
02/28/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1900933 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.142	0.010^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	0.00008	0.00005	0.2
D010	Selenium	0.249	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1900933

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES Gma.	SAMPLER	G. Rosario
SAMPLE LOCATION/CLIENT ID	Agremax 14,800 Tons	TIME	1:00 AM PM	CONTROL NO.
SAMPLE DATE	2-22-19	BEL. NO.	1900933	197418

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	( )	—	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			

2. Metals:							
Aluminum	(Al)	( )	—	Cadmium	(Cd)	( )	—
Chromium	(Cr)	( )	—	Copper	(Cu)	( )	—
Iron	(Fe)	( )	—	Lead	(Pb)	( )	—
Manganese	(Mn)	( )	—	Mercury	(Hg)	( )	—
Nickel	(Ni)	( )	—	Selenium	(Se)	( )	—
Silver	(Ag)	( )	—	Tin	(Sn)	( )	—
Zinc	(Zn)	( )	—	Arsenic	(As)	( )	—
Barium	(Ba)	( )	—	Boron	(B)	( )	—
Antimony	(Sb)	( )	—	Beryllium	(Be)	( )	—
Bismuth	(Bi)	( )	—	Calcium	(Ca)	( )	—
Chromium, VI	(CrVI)	( )	—	Cobalt	(Co)	( )	—
Magnesium	(Mg)	( )	—	Molybdenum	(Mo)	( )	—
Potassium	(K)	( )	—	Silicon	(Si)	( )	—
Sodium	(Na)	( )	—	Strontium	(Sr)	( )	—
Thallium	(Tl)	( )	—	Titanium	(Ti)	( )	—
Vanadium	(V)	( )	—	Lithium	(Li)	( )	—

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )	—	Corrosivity	( ) —
Reactivity (CN & S)	( )	—	TCLP	( ) —
RCRA Metals	(X)	✓	Organics-Pest/Herb	( ) —
Organics-BNA	( )	—	Organics-VOA	( ) —
TOX	( )	—		

4. Specific Organics				
Volatiles	( )	—	Phenols GC	( ) —
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( ) —
Herbicides	( )	—	PCB's Only	( ) —
BTEX	( )	—	TPH 418.1	( ) —
TTO & Dioxin	( )	—	TTO	( ) —
			TPH 8015	( ) —
			Lindane	( ) —
5. Microbiology				
Fecal Coliform	( )	—	Total Coliform	( ) —

Comments: _____

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 2/22/19 1:25 pm
Received by: _____
Date/Time: 2-22-19 1:25 PM
Relinquished by: _____
Date/Time: 2-22-19 3:16 PM
Received by: _____
Date/Time: 2/22/19 3:16 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(✓)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: March 19, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 5,000 TONS**

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL)_g_

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901367
LAB. FILE ID: 1901367
DATE SAMPLED: 03/11/19-11:50PM
DATE RECEIVED: 03/12/19
DATE EXTRACTED: 03/14/19
DATE ANALYZED: 03/18/19 (Metals)
03/19/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901367 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.100	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	0.000062	0.00005	0.2
D010	Selenium	0.088	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901367

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Iris M. Chévere Alfonzo
Lic. #2370

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez
SAMPLE LOCATION/CLIENT ID	Agromax 5,000 Tons	TIME 11:50 AM PM
SAMPLE DATE	3/11/19	BEL. NO. 1901367
		CONTROL NO. 197441

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	( )		Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	( )		Lead	(Pb)	( )	
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	( )		Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				

4. Specific Organics					
Volatiles	( )		Phenols GC	( )	
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )	
Herbicides	( )		PCB's Only	( )	
BTEX	( )		TPH 418.1	( )	
TTO & Dioxin	( )		TTO	( )	
			TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: ¡Rush! ✓

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 3/12/19 2:21 pm
Received by: _____
Date/Time: 03/12/2019 2:21 PM.
Relinquished by: _____
Date/Time: 03/12/2019 5:40 PM.
Received by: _____
Date/Time: 3/12/19 5:40pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10. Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: March 19, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 10,000 TONS**

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901368
LAB. FILE ID: 1901368
DATE SAMPLED: 03/12/19-2:25PM
DATE RECEIVED: 03/12/19
DATE EXTRACTED: 03/14/19
DATE ANALYZED: 03/18/19 (Metals)
03/19/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901368 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.095	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.096	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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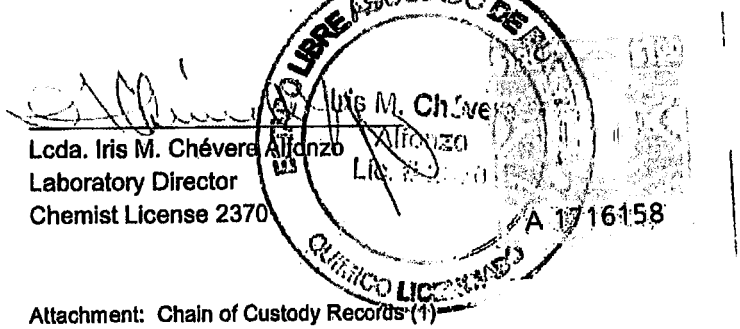
REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901368

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.



Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez

SAMPLE LOCATION/CLIENT ID	Agrema x 10,000 Tons	TIME 2:28 AM PM	CONTROL NO. 197905
SAMPLE DATE	3/12/19	BEL. NO. 1901368	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X) ✓	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: iRush ✓

Sampling Witness: _____
Date/Time: _____
Relinquished by: _____
Date/Time: 3/12/19 2:32pm
Received by: _____
Date/Time: 03/12/2019 2:32PM
Relinquished by: _____
Date/Time: 03/12/19 5:40PM
Received by: _____
Date/Time: 3/12/19 5:40pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

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REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: March 19, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 14,500 TONS**

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL)_g_

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901381
LAB. FILE ID: 1901381
DATE SAMPLED: 03/13/19-1:50AM
DATE RECEIVED: 03/13/19
DATE EXTRACTED: 03/15/19
DATE ANALYZED: 03/19/19 (Metals)
03/19/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901381 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.053	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	0.000068	0.00005	0.2
D010	Selenium	0.106	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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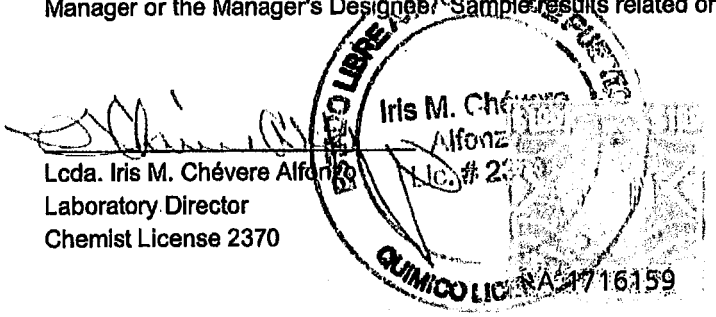
REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901381

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.



Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES Gma.	SAMPLER C. Gonzalez
SAMPLE LOCATION/CLIENT ID	Agremax 14,500 Tons	TIME 1150 (AM/PM)
SAMPLE DATE	3-13-19	BEL. NO. 1901381

CONTROL NO. 197821

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 3/13/19 1150am
Received by: _____
Date/Time: 3-13-19 1150AM
Relinquished by: _____
Date/Time: 3-13-19 2:15PM
Received by: _____
Date/Time: 3/13/19 2:15PM
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories. Inc.

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REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 8, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 5,000 TONS**

SAMPLER: Client (Carlos González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901786
LAB. FILE ID: 1901786
DATE SAMPLED: 03/29/19-5:00PM
DATE RECEIVED: 03/29/19
DATE EXTRACTED: 04/02/19
DATE ANALYZED: 04/05/19 (Metals)
04/05/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901786 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.188	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.124	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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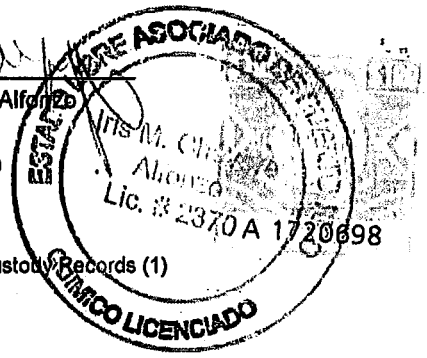
REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901786

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370



Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER Carlos Gonzalez
SAMPLE LOCATION/CLIENT ID	Agremax 5,000 TON	TIME 5:00 (AM) PM
SAMPLE DATE	03/29/2019	BEL. NO. 1901786
		CONTROL NO. 197702

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	( )	—	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			
2. Metals:					
Aluminum (Al)	( )	—	Cadmium (Cd)	( )	—
Chromium (Cr)	( )	—	Copper (Cu)	( )	—
Iron (Fe)	( )	—	Lead (Pb)	( )	—
Manganese (Mn)	( )	—	Mercury (Hg)	( )	—
Nickel (Ni)	( )	—	Selenium (Se)	( )	—
Silver (Ag)	( )	—	Tin (Sn)	( )	—
Zinc (Zn)	( )	—	Arsenic (As)	( )	—
Barium (Ba)	( )	—	Boron (B)	( )	—
Antimony (Sb)	( )	—	Beryllium (Be)	( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )	—
Potassium (K)	( )	—	Silicon (Si)	( )	—
Sodium (Na)	( )	—	Strontium (Sr)	( )	—
Thallium (Tl)	( )	—	Titanium (Ti)	( )	—
Vanadium (V)	( )	—	Lithium (Li)	( )	—
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			
4. Specific Organics			Phenols GC	( )	—
Volatiles	( )	—	Semi-Volitiles (BNA)	( )	—
Pesticides/PCB's	( )	—	PCB's Only	( )	—
Herbicides	( )	—	TPH 418.1	( )	—
BTEX	( )	—	TTO	( )	—
TTO & Dioxin	( )	—	TPH 8015	( )	—
			Lindane	( )	—
5. Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: RUSH !!

Original

Sampling Witness; _____
Date/Time: _____
Relinquished by: Taylor C Thy
Date/Time: 3/29/2019 1:37 pm
Received by: Anthony Pacheco
Date/Time: 03/29/2019 1:37 pm
Relinquished by: Anthony Pacheco
Date/Time: 03/29/2019 4:57 pm
Received by: [signature]
Date/Time: 3/29/19 4:57 PM
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	( )

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

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Environmental Laboratories, Inc.

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REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 10, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 10,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901814
LAB. FILE ID: 1901814
DATE SAMPLED: 03/29/19-11:30AM
DATE RECEIVED: 04/01/19
DATE EXTRACTED: 04/04/19
DATE ANALYZED: 04/08/19 (Metals)
04/08/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901814 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.167	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.123	0.015^	1.0
D011	Silver	0.013	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

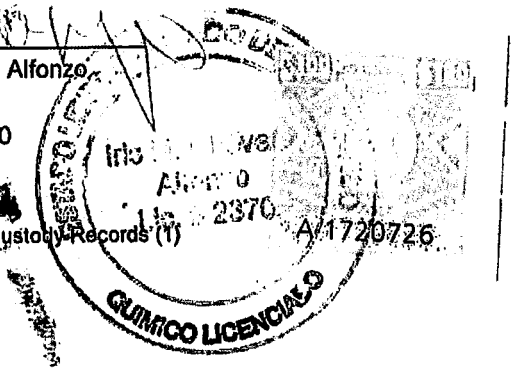
LAB. SAMPLE ID: BEL-1901814

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)



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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez
SAMPLE LOCATION/CLIENT ID	Aguirre 10,000 Tons	TIME 11:30 AM/PM
SAMPLE DATE	3/29/19	BEL. NO. 1901814
		CONTROL NO. 196508

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	( )	—	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			
2. Metals:					
Aluminum (Al)	( )	—	Cadmium (Cd)	( )	—
Chromium (Cr)	( )	—	Copper (Cu)	( )	—
Iron (Fe)	( )	—	Lead (Pb)	( )	—
Manganese (Mn)	( )	—	Mercury (Hg)	( )	—
Nickel (Ni)	( )	—	Selenium (Se)	( )	—
Silver (Ag)	( )	—	Tin (Sn)	( )	—
Zinc (Zn)	( )	—	Arsenic (As)	( )	—
Barium (Ba)	( )	—	Boron (B)	( )	—
Antimony (Sb)	( )	—	Beryllium (Be)	( )	—
Bismuth (Bi)	( )	—	Calcium (Ca)	( )	—
Chromium, VI (CrVI)	( )	—	Cobalt (Co)	( )	—
Magnesium (Mg)	( )	—	Molybdenum (Mo)	( )	—
Potassium (K)	( )	—	Silicon (Si)	( )	—
Sodium (Na)	( )	—	Strontium (Sr)	( )	—
Thallium (Tl)	( )	—	Titanium (Ti)	( )	—
Vanadium (V)	( )	—	Lithium (Li)	( )	—
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			
4. Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
			Lindane	( )	—
5. Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: * Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/1/19 2:23 pm
Received by: _____
Date/Time: 04/01/19 2:23 pm
Relinquished by: _____
Date/Time: 04/01/19 4:33 pm
Received by: _____
Date/Time: 4/1/19 4:33 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 10, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 15,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901815
LAB. FILE ID: 1901815
DATE SAMPLED: 03/30/19-10:00AM
DATE RECEIVED: 04/01/19
DATE EXTRACTED: 04/04/19
DATE ANALYZED: 04/08/19 (Metals)
04/08/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901815 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.181	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.145	0.015^	1.0
D011	Silver	0.020	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901815

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

A-1720727

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez

SAMPLE LOCATION/CLIENT ID	Agremax 15,000 Ton	TIME 10:00 AM/PM	CONTROL NO. 196510
SAMPLE DATE	3/30/19	BEL. NO. 190/815	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)		Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: ** Cash

Sampling Witness: _____
Date/Time: _____
Relinquished by: [signature]
Date/Time: 4/1/19 2:23 pm
Received by: [signature]
Date/Time: 04/01/19
Relinquished by: [signature]
Date/Time: 04/01/19 4:39 pm
Received by: [signature]
Date/Time: 4/1/19 4:34 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air ( ) water ( ) sludge ( )
liquid ( ) soil ( ) solid (X)
oil ( ) mixed ( ) other ( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days (X)

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories. Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 10, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 20,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901816
LAB. FILE ID: 1901816
DATE SAMPLED: 03/31/19-2:36AM
DATE RECEIVED: 04/01/19
DATE EXTRACTED: 04/04/19
DATE ANALYZED: 04/08/19 (Metals)
04/08/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901816 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.164	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.135	0.015^	1.0
D011	Silver	0.018	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901816

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

A 1720728

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C Gonzalez

SAMPLE LOCATION/CLIENT ID	Agremax 20,000 Ton	TIME	2:36 AM PM	CONTROL NO. 196511
SAMPLE DATE	3/31/19	BEL. NO.	1401812	

1. General Environmental: PC
Acidity ( ) __
Ammonia as N ( ) __
BOD-5 ( ) __
Chloride ( ) __
COD ( ) __
Conductivity µmhos/cm ( ) __
Dissolved Oxygen ( ) __
Hardness ( ) __
Moisture % ( ) __
Nitrite ( ) __
Oil+Grease ( ) __
Phenol ( ) __
Phosphorus, Total ( ) __
Sett Solids mg/L ( ) __
Sulfate ( ) __
Sulfite ( ) __
TDS ( ) __
Temperature, °C ( ) __
TOC ( ) __
Asbestos ( ) __
TVS ( ) __
Total Nitrogen ( ) __

VSS PC
Alkalinity ( ) __
Bicarbonate ( ) __
Bromide ( ) __
Chlorine, Res. ( ) __
Color (ADMI) ( ) __
Color (Pt-Co) ( ) __
Cyanide ( ) __
Fluoride ( ) __
Iodide ( ) __
Nitrate ( ) __
Nitrate + Nitrite ( ) __
pH, S.U. ( ) __
Phosphate, Ortho ( ) __
Sett. Solids mL/L ( ) __
Solids, Total ( ) __
Sulfide ( ) __
Surfactant ( ) __
TSS ( ) __
TKN ( ) __
Turbidity ( ) __
Carbonate ( ) __

2. Metals:
Aluminum (Al) ( ) __
Chromium (Cr) ( ) __
Iron (Fe) ( ) __
Manganese (Mn) ( ) __
Nickel (Ni) ( ) __
Silver (Ag) ( ) __
Zinc (Zn) ( ) __
Barium (Ba) ( ) __
Antimony (Sb) ( ) __
Bismuth (Bi) ( ) __
Chromium, VI (CrVI) ( ) __
Magnesium (Mg) ( ) __
Potassium (K) ( ) __
Sodium (Na) ( ) __
Thallium (Tl) ( ) __
Vanadium (V) ( ) __

Cadmium (Cd) ( ) __
Copper (Cu) ( ) __
Lead (Pb) ( ) __
Mercury (Hg) ( ) __
Selenium (Se) ( ) __
Tin (Sn) ( ) __
Arsenic (As) ( ) __
Boron (B) ( ) __
Beryllium (Be) ( ) __
Calcium (Ca) ( ) __
Cobalt (Co) ( ) __
Molybdenum (Mo) ( ) __
Silicon (Si) ( ) __
Strontium (Sr) ( ) __
Titanium (Ti) ( ) __
Lithium (Li) ( ) __

3. RCRA/Hazardous wastes
Ignitability (Flash Pt.) ( ) __
Reactivity (CN & S) ( ) __
RCRA Metals (X) 1
Organics-BNA ( ) __
TOX ( ) __

Corrosivity ( ) __
TCLP ( ) __
Organics-Pest/Herb ( ) __
Organics-VOA ( ) __

4. Specific Organics
Volatiles ( ) __
Pesticides/PCB's ( ) __
Herbicides ( ) __
BTEX ( ) __
TTO & Dioxin ( ) __

Phenols GC ( ) __
Semi-Volitiles (BNA) ( ) __
PCB's Only ( ) __
TPH 418.1 ( ) __
TTO ( ) __
TPH 8015 ( ) __
Lindane ( ) __

5. Microbiology
Fecal Coliform ( ) __
Total Coliform ( ) __

Comments: * Rush

Sampling Witness; ______
Date/Time: ______
Relinquished by: [signature]
Date/Time: 4/1/19 2:23 pm
Received by: [signature]
Date/Time: 04/01/19 2:23 pm
Relinquished by: [signature]
Date/Time: 04/01/19 4:34 pm
Received by: [signature]
Date/Time: 4/1/19 4:34 pm
Relinquished by: ______
Date/Time: ______
Received by: ______
Date/Time: ______

Matrix

air ( )	water ( )	sludge ( )
liquid ( )	soil ( )	solid (X)
oil ( )	mixed ( )	other ( )

Specify: ______

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide (NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:
grab samples x
composite samples xx

Turnaround time:
1 day ( )
2 days ( )
3 days ( )
5 days (X)

Sampling Equipment:
Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 10, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 25,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901817
LAB. FILE ID: 1901817
DATE SAMPLED: 03/31/19-5:00PM
DATE RECEIVED: 04/01/19
DATE EXTRACTED: 04/04/19
DATE ANALYZED: 04/08/19 (Metals)
04/08/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901817 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.081	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.144	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901817

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Lic. # 2370

Attachment: Chain of Custody Records (1)

LICENCIA A-720729

BECKTON ENVIRONMENTAL LABORATORIES
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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez
SAMPLE LOCATION/CLIENT ID	Agremex 23,000 Ton	TIME 5:00 AM PM
SAMPLE DATE	3/31/19	BEL. NO. 1901817
		CONTROL NO. 196509

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	I	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: # Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/1/19 2:20 pm
Received by: _____
Date/Time: 04/01/19 2:23pm
Relinquished by: _____
Date/Time: 04/01/19 4:35pm
Received by: _____
Date/Time: 4/1/19 4:35 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(✓)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(✓)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 10, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 30,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901818
LAB. FILE ID: 1901818
DATE SAMPLED: 04/01/19-2:15PM
DATE RECEIVED: 04/01/19
DATE EXTRACTED: 04/04/19
DATE ANALYZED: 04/08/19 (Metals)
04/08/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901818 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.082	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.122	0.015^	1.0
D011	Silver	0.018	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901818

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Lic. 2370 A 1720730

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez	
SAMPLE LOCATION/CLIENT ID	Ayoemac 30,000 TR	TIME 2:15 AM PM	CONTROL NO. 196512
SAMPLE DATE	4/1/19	BEL. NO. 1901818	

1. General Environmental:		PC	VSS		PC
Acidity	( )	—	Alkalinity	( )	—
Ammonia as N	( )	—	Bicarbonate	( )	—
BOD-5	( )	—	Bromide	( )	—
Chloride	( )	—	Chlorine, Res.	( )	—
COD	( )	—	Color (ADMI)	( )	—
Conductivity µmhos/cm	( )	—	Color (Pt-Co)	( )	—
Dissolved Oxygen	( )	—	Cyanide	( )	—
Hardness	( )	—	Fluoride	( )	—
Moisture %	( )	—	Iodide	( )	—
Nitrite	( )	—	Nitrate	( )	—
Oil+Grease	( )	—	Nitrate + Nitrite	( )	—
Phenol	( )	—	pH, S.U.	( )	—
Phosphorus, Total	( )	—	Phosphate, Ortho	( )	—
Sett Solids mg/L	( )	—	Sett. Solids mL/L	( )	—
Sulfate	( )	—	Solids, Total	( )	—
Sulfite	( )	—	Sulfide	( )	—
TDS	( )	—	Surfactant	( )	—
Temperature, °C	( )	—	TSS	( )	—
TOC	( )	—	TKN	( )	—
Asbestos	( )	—	Turbidity	( )	—
TVS	( )	—	Carbonate	( )	—
Total Nitrogen	( )	—			

2. Metals:							
Aluminum	(Al)	( )	—	Cadmium	(Cd)	( )	—
Chromium	(Cr)	( )	—	Copper	(Cu)	( )	—
Iron	(Fe)	( )	—	Lead	(Pb)	( )	—
Manganese	(Mn)	( )	—	Mercury	(Hg)	( )	—
Nickel	(Ni)	( )	—	Selenium	(Se)	( )	—
Silver	(Ag)	( )	—	Tin	(Sn)	( )	—
Zinc	(Zn)	( )	—	Arsenic	(As)	( )	—
Barium	(Ba)	( )	—	Boron	(B)	( )	—
Antimony	(Sb)	( )	—	Beryllium	(Be)	( )	—
Bismuth	(Bi)	( )	—	Calcium	(Ca)	( )	—
Chromium, VI	(CrVI)	( )	—	Cobalt	(Co)	( )	—
Magnesium	(Mg)	( )	—	Molybdenum	(Mo)	( )	—
Potassium	(K)	( )	—	Silicon	(Si)	( )	—
Sodium	(Na)	( )	—	Strontium	(Sr)	( )	—
Thallium	(Tl)	( )	—	Titanium	(Ti)	( )	—
Vanadium	(V)	( )	—	Lithium	(Li)	( )	—

3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	—	Corrosivity	( )	—
Reactivity (CN & S)	( )	—	TCLP	( )	—
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	—
Organics-BNA	( )	—	Organics-VOA	( )	—
TOX	( )	—			

4. Specific Organics					
Volatiles	( )	—	Phenols GC	( )	—
Pesticides/PCB's	( )	—	Semi-Volitiles (BNA)	( )	—
Herbicides	( )	—	PCB's Only	( )	—
BTEX	( )	—	TPH 418.1	( )	—
TTO & Dioxin	( )	—	TTO	( )	—
			TPH 8015	( )	—
			Lindane	( )	—
5. Microbiology					
Fecal Coliform	( )	—	Total Coliform	( )	—

Comments: K Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/1/19 2:23 pm
Received by: _____
Date/Time: 04/01/19 2:23 pm
Relinquished by: _____
Date/Time: 04/01/19 4:33 pm
Received by: _____
Date/Time: 4/1/19 4:33 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

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REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 10, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 35,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1901830
LAB. FILE ID: 1901830
DATE SAMPLED: 04/02/19-4:50AM
DATE RECEIVED: 04/02/19
DATE EXTRACTED: 04/04/19
DATE ANALYZED: 04/08/19 (Metals)
04/08/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1901830 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.167	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.144	0.015^	1.0
D011	Silver	0.018	0.010^	5.0

^Dilution Factor: 5

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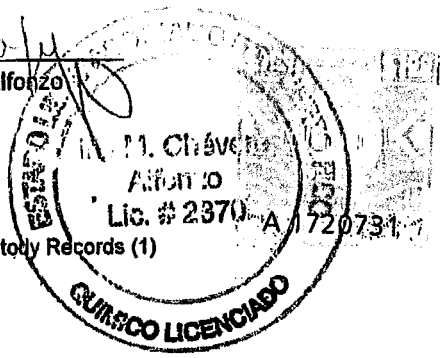
REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1901830

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370



Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
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CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez
SAMPLE LOCATION/CLIENT ID	Agremax 35,000 Tons	TIME 4:30 AM/PM
SAMPLE DATE	4/2/19	BEL. NO. 1901830
		CONTROL NO. 198322

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: 1 Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/2/19 11:08 am
Received by: _____
Date/Time: 4/02/19 11:08 am
Relinquished by: _____
Date/Time: 04/02/19 3:54 pm
Received by: _____
Date/Time: 4/2/19 3:54 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(✓)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

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Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 5,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902374
LAB. FILE ID: 1902374
DATE SAMPLED: 04/18/19-12:00PM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/24/19
DATE ANALYZED: 04/25/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902374 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.183	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	0.024	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.118	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902374

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	SAMPLER
	AES PR	C. Gonzales

SAMPLE LOCATION/CLIENT ID		TIME	12:00 AM (PM)	CONTROL NO.
SAMPLE DATE	Agremax 5,000 Ton 4/18/19	BEL. NO.	1902374	200011

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: K Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/22/19 1:10pm
Received by: _____ 1:18 pm
Date/Time: 04/22/19
Relinquished by: _____
Date/Time: 04/22/19 4:00pm
Received by: _____
Date/Time: 4/22/19 400pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air ( ) water ( ) sludge ( )
liquid ( ) soil ( ) solid (X)
oil ( ) mixed ( ) other ( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days (X)

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 15,000 TONS**

SAMPLER: Client (G. Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902375
LAB. FILE ID: 1902375
DATE SAMPLED: 04/19/19-1:35PM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/24/19
DATE ANALYZED: 04/25/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902375 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.156	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.104	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902375

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Lcda. Iris M. Chévere Alfonzo
Lic. # 2370

COLEGIO QUÍMICOS LICENCIADOS ASOCIADO DE PUERTO RICO 726684

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER G. Rosario

SAMPLE LOCATION/CLIENT ID	Agremax 15,000 Tons	TIME	1:35 AM (PM)	CONTROL NO.
SAMPLE DATE	4/19/19	BEL. NO.	1902375	200012

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: # Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/22/19 1:13 PM
Received by: _____
Date/Time: 04/22/19 1:13 pm
Relinquished by: _____
Date/Time: 04/22/19 4:01 pm
Received by: _____
Date/Time: 4/22/19 4:01 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 10,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902376
LAB. FILE ID: 1902376
DATE SAMPLED: 04/19/19-2:40AM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/24/19
DATE ANALYZED: 04/25/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902376 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.153	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	0.027	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.115	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902376

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Iris M. Chévere Alfonzo Lic. # 2370

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A 1776685

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	SAMPLER
	AES PR	G. Gonzalez

SAMPLE LOCATION/CLIENT ID	Aramax 10,000 Tons	TIME	2:40 AM/PM	CONTROL NO.
SAMPLE DATE	4/19/19	BEL. NO.	1902376	200013

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	I	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: * Rush

Sampling Witness: _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/19/19 4/22/19 1:17
Received by: _____
Date/Time: 04/22/19 1:17 pm
Relinquished by: _____
Date/Time: 04/22/19 4:02 pm
Received by: _____
Date/Time: 4/22/19 4:02 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6°C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days (Y)

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 25,000 TONS**

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902377
LAB. FILE ID: 1902377
DATE SAMPLED: 04/20/19-11:50PM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/24/19
DATE ANALYZED: 04/25/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902377 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.192	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	0.017	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.106	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902377

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Attachment: Chain of Custody Records (1).

BECKTON ENVIRONMENTAL LABORATORIES
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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	SAMPLER
	AES PR	C Gonzalez

SAMPLE LOCATION/CLIENT ID		TIME	11:50 AM/PM	CONTROL NO.
	Agregmex 25,000 Ton			196522
SAMPLE DATE	4/20/19	BEL. NO.	1902377	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: * Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/22/19 1:24 pm
Received by: _____
Date/Time: 04/22/19 1:24 pm
Relinquished by: _____
Date/Time: 04/22/19 4:05 pm
Received by: Luis Silva
Date/Time: 4/22/19 4:05 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

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Environmental Laboratories, Inc.

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REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 20,000 TONS**

SAMPLER: Client (G. Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902378
LAB. FILE ID: 1902378
DATE SAMPLED: 04/20/19-2:12AM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/24/19
DATE ANALYZED: 04/26/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902378 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.090	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.160	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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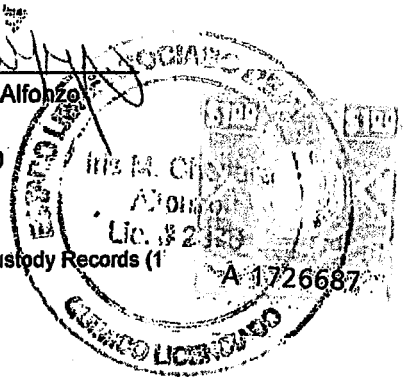
REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902378

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370



Attachment: Chain of Custody Records (1

BECKTON ENVIRONMENTAL LABORATORIES
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Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	SAMPLER
	AES PR	G. Rosario

SAMPLE LOCATION/CLIENT ID	Ayema 20,000 Bags	TIME	2:12 AM/PM	CONTROL NO.
SAMPLE DATE	4/20/19	BEL. NO.	1902378	196523

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: # Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/22/19 1:30 pm
Received by: _____
Date/Time: 04/22/19 1:30 pm
Relinquished by: _____
Date/Time: 04/22/19 4:10 pm
Received by: _____
Date/Time: 4/22/19 4:10 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool, <6° C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 30,000 TONS**

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902379
LAB. FILE ID: 1902379
DATE SAMPLED: 04/21/19-12:00PM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/24/19
DATE ANALYZED: 04/26/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902379 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.089	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.134	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902379

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

A 1726688

Attachment: Chain of Custody Records (1)

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REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C Gonzalez
SAMPLE LOCATION/CLIENT ID	Agregate 30,000 Tons	TIME 12:00 AM (PM)
SAMPLE DATE	4/21/19	BEL. NO. 1902379
		CONTROL NO. 196521

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: * Rush

Sampling Witness: _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/22/19 1:22 pm
Received by: _____
Date/Time: 04/22/19 1:22 pm
Relinquished by: _____
Date/Time: 04/22/19 4:12 pm
Received by: _____
Date/Time: 4/22/19 4:12 pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

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REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: April 29, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 35,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902380
LAB. FILE ID: 1902380
DATE SAMPLED: 04/22/19-12:10AM
DATE RECEIVED: 04/22/19
DATE EXTRACTED: 04/25/19
DATE ANALYZED: 04/29/19 (Metals)
04/29/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902380 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.309	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.114	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902380

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo
Laboratory Director
Chemist License 2370

Lcda. Iris M. Chévere
Alfonzo
Lic. # 2370

A1726689

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
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CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez	
SAMPLE LOCATION/CLIENT ID	Agrema 35,000 Tons	TIME 12:10 AM/PM	CONTROL NO. 196524
SAMPLE DATE	4/22/19	BEL. NO. 1902380	

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	( )		Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	( )		Lead	(Pb)	( )	
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	( )		Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	(8)	1	Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics			
Volatiles	( )	Phenols GC	( )
Pesticides/PCB's	( )	Semi-Volitiles (BNA)	( )
Herbicides	( )	PCB's Only	( )
BTEX	( )	TPH 418.1	( )
TTO & Dioxin	( )	TTO	( )
		TPH 8015	( )
		Lindane	( )

5. Microbiology			
Fecal Coliform	( )	Total Coliform	( )

Comments: Rush

Original

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/22/19 1:30pm
Received by: _____ 1:30 pm
Date/Time: 04/22/19
Relinquished by: _____
Date/Time: 04/22/19 4:15pm
Received by: _____
Date/Time: 4/22/19 4:15pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(X)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: May 2, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 5,000 TONS

SAMPLER: Client (G. Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902549
LAB. FILE ID: 1902549
DATE SAMPLED: 04/23/19-11:59PM
DATE RECEIVED: 04/25/19
DATE EXTRACTED: 04/30/19
DATE ANALYZED: 05/02/19 (Metals)
05/02/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902549 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.097	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	0.00008	0.00005	0.2
D010	Selenium	0.134	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902549

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Heidy E Alfonso Rivera

Leda. Heidy E. Alfonso Rivera
Quality Control Officer
Chemist License 4120

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER G. Rosario
SAMPLE LOCATION/CLIENT ID	Agremax 5,000 Ton	TIME 11:59 AM/PM
SAMPLE DATE	4/23/19	BEL. NO. 1902549
		CONTROL NO. 198545

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:					
Aluminum	(Al)	( )	Cadmium	(Cd)	( )
Chromium	(Cr)	( )	Copper	(Cu)	( )
Iron	(Fe)	( )	Lead	(Pb)	( )
Manganese	(Mn)	( )	Mercury	(Hg)	( )
Nickel	(Ni)	( )	Selenium	(Se)	( )
Silver	(Ag)	( )	Tin	(Sn)	( )
Zinc	(Zn)	( )	Arsenic	(As)	( )
Barium	(Ba)	( )	Boron	(B)	( )
Antimony	(Sb)	( )	Beryllium	(Be)	( )
Bismuth	(Bi)	( )	Calcium	(Ca)	( )
Chromium, VI	(CrVI)	( )	Cobalt	(Co)	( )
Magnesium	(Mg)	( )	Molybdenum	(Mo)	( )
Potassium	(K)	( )	Silicon	(Si)	( )
Sodium	(Na)	( )	Strontium	(Sr)	( )
Thallium	(Tl)	( )	Titanium	(Ti)	( )
Vanadium	(V)	( )	Lithium	(Li)	( )

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	(X)	L	Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
Volatiles	( )		Phenols GC	( )
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )
Herbicides	( )		PCB's Only	( )
BTEX	( )		TPH 418.1	( )
TTO & Dioxin	( )		TTO	( )
			TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments: # Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/25/19 11:40am
Received by: _____
Date/Time: 04/25/2019 11:40am.
Relinquished by: _____
Date/Time: 04/25/2019 2:58pm.
Received by: _____
Date/Time: 4/25/19 2:58pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air ( ) water ( ) sludge ( )
liquid ( ) soil ( ) solid (X)
oil ( ) mixed ( ) other ( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:

grab samples x
composite samples xx

Turnaround time:

1 day ( )
2 days ( )
3 days ( )
5 days (X)

Sampling Equipment:

Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: May 2, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 10,000 TONS

SAMPLER: Client (C. González)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902550
LAB. FILE ID: 1902550
DATE SAMPLED: 04/24/19-10:00AM
DATE RECEIVED: 04/25/19
DATE EXTRACTED: 04/30/19
DATE ANALYZED: 05/02/19 (Metals)
05/02/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902550 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.094	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.119	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902550

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Heidy E Alfonso Riv.

Lcda. Heidy E. Alfonso Rivera
Quality Control Officer
Chemist License 4120

A 1726736

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez	
SAMPLE LOCATION/CLIENT ID	Agremax 10,000 Ton	TIME 10:00 AM/PM	CONTROL NO. 198551
SAMPLE DATE	4/24/19	BEL. NO. 1902550	

1. General Environmental: (PC)
Acidity ( ) __
Ammonia as N ( ) __
BOD-5 ( ) __
Chloride ( ) __
COD ( ) __
Conductivity µmbos/cm ( ) __
Dissolved Oxygen ( ) __
Hardness ( ) __
Moisture % ( ) __
Nitrite ( ) __
Oil+Grease ( ) __
Phenol ( ) __
Phosphorus, Total ( ) __
Sett Solids mg/L ( ) __
Sulfate ( ) __
Sulfite ( ) __
TDS ( ) __
Temperature, °C ( ) __
TOC ( ) __
Asbestos ( ) __
TVS ( ) __
Total Nitrogen ( ) __

VSS (PC)
Alkalinity ( ) __
Bicarbonate ( ) __
Bromide ( ) __
Chlorine, Res. ( ) __
Color (ADMI) ( ) __
Color (Pt-Co) ( ) __
Cyanide ( ) __
Fluoride ( ) __
Iodide ( ) __
Nitrate ( ) __
Nitrate + Nitrite ( ) __
pH, S.U. ( ) __
Phosphate, Ortho ( ) __
Sett. Solids mL/L ( ) __
Solids, Total ( ) __
Sulfide ( ) __
Surfactant ( ) __
TSS ( ) __
TKN ( ) __
Turbidity ( ) __
Carbonate ( ) __

2. Metals:
Aluminum (Al) ( ) __
Chromium (Cr) ( ) __
Iron (Fe) ( ) __
Manganese (Mn) ( ) __
Nickel (Ni) ( ) __
Silver (Ag) ( ) __
Zinc (Zn) ( ) __
Barium (Ba) ( ) __
Antimony (Sb) ( ) __
Bismuth (Bi) ( ) __
Chromium, VI (CrVI) ( ) __
Magnesium (Mg) ( ) __
Potassium (K) ( ) __
Sodium (Na) ( ) __
Thallium (Tl) ( ) __
Vanadium (V) ( ) __

Cadmium (Cd) ( ) __
Copper (Cu) ( ) __
Lead (Pb) ( ) __
Mercury (Hg) ( ) __
Selenium (Se) ( ) __
Tin (Sn) ( ) __
Arsenic (As) ( ) __
Boron (B) ( ) __
Beryllium (Be) ( ) __
Calcium (Ca) ( ) __
Cobalt (Co) ( ) __
Molybdenum (Mo) ( ) __
Silicon (Si) ( ) __
Strontium (Sr) ( ) __
Titanium (Ti) ( ) __
Lithium (Li) ( ) __

3. RCRA/Hazardous wastes
Ignitability (Flash Pt.) ( ) __
Reactivity (CN & S) ( ) __
RCRA Metals (X) / 1
Organics-BNA ( ) __
TOX ( ) __

Corrosivity ( ) __
TCLP ( ) __
Organics-Pest/Herb ( ) __
Organics-VOA ( ) __

4. Specific Organics
Volatiles ( ) __
Pesticides/PCB's ( ) __
Herbicides ( ) __
BTEX ( ) __
TTO & Dioxin ( ) __

Phenols GC ( ) __
Semi-Volitiles (BNA) ( ) __
PCB's Only ( ) __
TPH 418.1 ( ) __
TTO ( ) __
TPH 8015 ( ) __
Lindane ( ) __

5. Microbiology
Fecal Coliform ( ) __
Total Coliform ( ) __

Comments: 1st Rush

Sampling Witness; ____________
Date/Time: ____________
Relinquished by: [signature]
Date/Time: 4/25/19 11:40am
Received by: [signature]
Date/Time: 04/25/2019 11:40AM
Relinquished by: [signature]
Date/Time: 04/25/19 2:59pm.
Received by: [signature]
Date/Time: 4/25/19 2:59pm
Relinquished by: ____________
Date/Time: ____________
Received by: ____________
Date/Time: ____________

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: ____________

Preservative Codes = PC

1. Cool, <6°C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:
grab samples x
composite samples xx

Turnaround time:
1 day ( )
2 days ( )
3 days ( )
5 days (X)

Sampling Equipment:
Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: May 2, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 15,000 TONS

SAMPLER: Client (G. Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902551
LAB. FILE ID: 1902551
DATE SAMPLED: 04/25/19-11:20AM
DATE RECEIVED: 04/25/19
DATE EXTRACTED: 04/30/19
DATE ANALYZED: 05/02/19 (Metals)
05/02/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902551 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.090	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.140	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902551

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Leda. Heidy E. Alfonso Rivera
Quality Control Officer
Chemist License 4120

A 1726737

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER G. Rosario

SAMPLE LOCATION/CLIENT ID	Agremax 15,000 Tons	TIME	11:20 AM PM	CONTROL NO.
SAMPLE DATE	4/25/19	BEL. NO.	1902551	198544

1. General Environmental:		PC	VSS		PC
Acidity	( )	___	Alkalinity	( )	___
Ammonia as N	( )	___	Bicarbonate	( )	___
BOD-5	( )	___	Bromide	( )	___
Chloride	( )	___	Chlorine, Res.	( )	___
COD	( )	___	Color (ADMI)	( )	___
Conductivity µmhos/cm	( )	___	Color (Pt-Co)	( )	___
Dissolved Oxygen	( )	___	Cyanide	( )	___
Hardness	( )	___	Fluoride	( )	___
Moisture %	( )	___	Iodide	( )	___
Nitrite	( )	___	Nitrate	( )	___
Oil+Grease	( )	___	Nitrate + Nitrite	( )	___
Phenol	( )	___	pH, S.U.	( )	___
Phosphorus, Total	( )	___	Phosphate, Ortho	( )	___
Sett Solids mg/L	( )	___	Sett. Solids mL/L	( )	___
Sulfate	( )	___	Solids, Total	( )	___
Sulfite	( )	___	Sulfide	( )	___
TDS	( )	___	Surfactant	( )	___
Temperature, °C	( )	___	TSS	( )	___
TOC	( )	___	TKN	( )	___
Asbestos	( )	___	Turbidity	( )	___
TVS	( )	___	Carbonate	( )	___
Total Nitrogen	( )	___			

2. Metals:							
Aluminum	(Al)	( )	___	Cadmium	(Cd)	( )	___
Chromium	(Cr)	( )	___	Copper	(Cu)	( )	___
Iron	(Fe)	( )	___	Lead	(Pb)	( )	___
Manganese	(Mn)	( )	___	Mercury	(Hg)	( )	___
Nickel	(Ni)	( )	___	Selenium	(Se)	( )	___
Silver	(Ag)	( )	___	Tin	(Sn)	( )	___
Zinc	(Zn)	( )	___	Arsenic	(As)	( )	___
Barium	(Ba)	( )	___	Boron	(B)	( )	___
Antimony	(Sb)	( )	___	Beryllium	(Be)	( )	___
Bismuth	(Bi)	( )	___	Calcium	(Ca)	( )	___
Chromium, VI	(CrVI)	( )	___	Cobalt	(Co)	( )	___
Magnesium	(Mg)	( )	___	Molybdenum	(Mo)	( )	___
Potassium	(K)	( )	___	Silicon	(Si)	( )	___
Sodium	(Na)	( )	___	Strontium	(Sr)	( )	___
Thallium	(Tl)	( )	___	Titanium	(Ti)	( )	___
Vanadium	(V)	( )	___	Lithium	(Li)	( )	___

3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )	___	Corrosivity	( )	___
Reactivity (CN & S)	( )	___	TCLP	( )	___
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	___
Organics-BNA	( )	___	Organics-VOA	( )	___
TOX	( )	___			

4. Specific Organics					
Volatiles	( )	___	Phenols GC	( )	___
Pesticides/PCB's	( )	___	Semi-Volitiles (BNA)	( )	___
Herbicides	( )	___	PCB's Only	( )	___
BTEX	( )	___	TPH 418.1	( )	___
TTO & Dioxin	( )	___	TTO	( )	___
			TPH 8015	( )	___
			Lindane	( )	___

5. Microbiology					
Fecal Coliform	( )	___	Total Coliform	( )	___

Comments: A Rush

Sampling Witness: ____________
Date/Time: ____________
Relinquished by: [signature]
Date/Time: 4/25/19 11:40a
Received by: [signature]
Date/Time: 04/25/2019 11:40am.
Relinquished by: [signature]
Date/Time: 04/25/2019 3:00pm.
Received by: [signature]
Date/Time: 4/25/19 3:00pm
Relinquished by: ____________
Date/Time: ____________
Received by: ____________
Date/Time: ____________

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: ____________

Preservative Codes = PC

1. Cool, <6°C
2. Sulfuric Acid (H_2SO_4) pH<2
3. Nitric Acid (HNO_3), pH<2
4. Hydrochloric acid (HCl)
5. Sodium Thiosulfate
6. Sodium Hydroxide(NaOH)
7. Zinc Acetate
8. Ascorbic Acid
9. FAS
10. Other

Sample type legend:
grab samples x
composite samples xx

Turnaround time:
1 day ( )
2 days ( )
3 days ( )
5 days (X)

Sampling Equipment:
Automatic Sampler ( )
Sample Pick Up ( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: May 2, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: **AGREMAX 20,000 TONS**

SAMPLER: Client (G. Rosario)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902595
LAB. FILE ID: 1902595
DATE SAMPLED: 04/26/19-1:15AM
DATE RECEIVED: 04/26/19
DATE EXTRACTED: 04/30/19
DATE ANALYZED: 05/02/19 (Metals)
05/02/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902595 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.102	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.153	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

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REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902595

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Heidy E. Alfonso Rivera
Quality Control Officer
Chemist License 4120

A 1726738

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	SAMPLER
	AES PR	G. Rosario

SAMPLE LOCATION/CLIENT ID		TIME	1:15 AM PM	CONTROL NO.
SAMPLE DATE	Agency 20,000 Ton 4/26/19	BEL. NO.	1902695	200035

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				
2. Metals:					
Aluminum (Al)	( )		Cadmium (Cd)	( )	
Chromium (Cr)	( )		Copper (Cu)	( )	
Iron (Fe)	( )		Lead (Pb)	( )	
Manganese (Mn)	( )		Mercury (Hg)	( )	
Nickel (Ni)	( )		Selenium (Se)	( )	
Silver (Ag)	( )		Tin (Sn)	( )	
Zinc (Zn)	( )		Arsenic (As)	( )	
Barium (Ba)	( )		Boron (B)	( )	
Antimony (Sb)	( )		Beryllium (Be)	( )	
Bismuth (Bi)	( )		Calcium (Ca)	( )	
Chromium, VI (CrVI)	( )		Cobalt (Co)	( )	
Magnesium (Mg)	( )		Molybdenum (Mo)	( )	
Potassium (K)	( )		Silicon (Si)	( )	
Sodium (Na)	( )		Strontium (Sr)	( )	
Thallium (Tl)	( )		Titanium (Ti)	( )	
Vanadium (V)	( )		Lithium (Li)	( )	
3. RCRA/Hazardous wastes					
Ignitability (Flash Pt.)	( )		Corrosivity	( )	
Reactivity (CN & S)	( )		TCLP	( )	
RCRA Metals	(X)	1	Organics-Pest/Herb	( )	
Organics-BNA	( )		Organics-VOA	( )	
TOX	( )				
4. Specific Organics			Phenols GC	( )	
Volatiles	( )		Semi-Volitiles (BNA)	( )	
Pesticides/PCB's	( )		PCB's Only	( )	
Herbicides	( )		TPH 418.1	( )	
BTEX	( )		TTO	( )	
TTO & Dioxin	( )		TPH 8015	( )	
			Lindane	( )	
5. Microbiology					
Fecal Coliform	( )		Total Coliform	( )	

Comments: * Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/26/19 1:58pm
Received by: _____
Date/Time: 04/26/19 1:58pm.
Relinquished by: _____
Date/Time: 04/26/2019 4:42pm.
Received by: _____
Date/Time: 4/26/19 4:42pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

air	( )	water	( )	sludge	( )
liquid	( )	soil	( )	solid	(X)
oil	( )	mixed	( )	other	( )

Specify: _____

Preservative Codes = PC

1. Cool,<6°C	6. Sodium Hydroxide(NaOH)
2. Sulfuric Acid (H_2SO_4) pH<2	7. Zinc Acetate
3. Nitric Acid (HNO_3), pH<2	8. Ascorbic Acid
4. Hydrochloric acid (HCl)	9. FAS
5. Sodium Thiosulfate	10.Other

Sample type legend:

grab samples	x
composite samples	xx

Turnaround time:

1 day	( )
2 days	( )
3 days	( )
5 days	(✓)

Sampling Equipment:

Automatic Sampler	( )
Sample Pick Up	( )

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders.

Original

BECKTON
Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF ANALYSIS

ATTENTION: Mr. Héctor Ávila
COMPANY: AES Puerto Rico - Guayama

DATE: May 2, 2019

CONTRACT: AES Puerto Rico - Guayama

SAMPLE IDENTIFICATION: AGREMAX 25,000 TONS

SAMPLER: Client (C. Gonzáléz)
MATRIX: Solid
SAMPLE WT/VOL: 100 (g/mL) g

ANALYST:
BTR (Metals)
HS (Hg)

LAB. SAMPLE ID: BEL-1902596
LAB. FILE ID: 1902596
DATE SAMPLED: 04/26/19-11:00AM
DATE RECEIVED: 04/26/19
DATE EXTRACTED: 04/30/19
DATE ANALYZED: 05/02/19 (Metals)
05/02/19 (Hg)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	BEL-1902596 RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 846 6010C/7470A)				
D004	Arsenic	<0.015	0.015^	5.0
D005	Barium	0.072	0.015^	100.0
D006	Cadmium	<0.010	0.010^	1.0
D007	Chromium	<0.015	0.015^	5.0
D008	Lead	<0.015	0.015^	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.126	0.015^	1.0
D011	Silver	<0.010	0.010^	5.0

^Dilution Factor: 5

192 VILLA STREET • PONCE, PR 00730-4875 • TEL. (787) 841-7373 • FAX (787) 841-7313

REPORT OF ANALYSIS
PAGE 2 OF 2

LAB. SAMPLE ID: BEL-1902596

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Leda. Heidy E. Alfonso Rivera C.
Quality Control Officer
Chemist License 4120

A 1726739

Attachment: Chain of Custody Records (1)

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street • Ponce, P.R. 00730-4875
Tel. 787-841-7373 • Fax 787-841-7313

REVISION 2009

CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY AES PR	SAMPLER C. Gonzalez
SAMPLE LOCATION/CLIENT ID	Agremax 25,000 TM	TIME 11:00 AM/PM
SAMPLE DATE	4/26/19	BEL. NO. 1902596
		CONTROL NO. 200036

1. General Environmental:		PC	VSS		PC
Acidity	( )		Alkalinity	( )	
Ammonia as N	( )		Bicarbonate	( )	
BOD-5	( )		Bromide	( )	
Chloride	( )		Chlorine, Res.	( )	
COD	( )		Color (ADMI)	( )	
Conductivity µmhos/cm	( )		Color (Pt-Co)	( )	
Dissolved Oxygen	( )		Cyanide	( )	
Hardness	( )		Fluoride	( )	
Moisture %	( )		Iodide	( )	
Nitrite	( )		Nitrate	( )	
Oil+Grease	( )		Nitrate + Nitrite	( )	
Phenol	( )		pH, S.U.	( )	
Phosphorus, Total	( )		Phosphate, Ortho	( )	
Sett Solids mg/L	( )		Sett. Solids mL/L	( )	
Sulfate	( )		Solids, Total	( )	
Sulfite	( )		Sulfide	( )	
TDS	( )		Surfactant	( )	
Temperature, °C	( )		TSS	( )	
TOC	( )		TKN	( )	
Asbestos	( )		Turbidity	( )	
TVS	( )		Carbonate	( )	
Total Nitrogen	( )				

2. Metals:							
Aluminum	(Al)	( )		Cadmium	(Cd)	( )	
Chromium	(Cr)	( )		Copper	(Cu)	( )	
Iron	(Fe)	( )		Lead	(Pb)	( )	
Manganese	(Mn)	( )		Mercury	(Hg)	( )	
Nickel	(Ni)	( )		Selenium	(Se)	( )	
Silver	(Ag)	( )		Tin	(Sn)	( )	
Zinc	(Zn)	( )		Arsenic	(As)	( )	
Barium	(Ba)	( )		Boron	(B)	( )	
Antimony	(Sb)	( )		Beryllium	(Be)	( )	
Bismuth	(Bi)	( )		Calcium	(Ca)	( )	
Chromium, VI	(CrVI)	( )		Cobalt	(Co)	( )	
Magnesium	(Mg)	( )		Molybdenum	(Mo)	( )	
Potassium	(K)	( )		Silicon	(Si)	( )	
Sodium	(Na)	( )		Strontium	(Sr)	( )	
Thallium	(Tl)	( )		Titanium	(Ti)	( )	
Vanadium	(V)	( )		Lithium	(Li)	( )	

3. RCRA/Hazardous wastes				
Ignitability (Flash Pt.)	( )		Corrosivity	( )
Reactivity (CN & S)	( )		TCLP	( )
RCRA Metals	(X)	I	Organics-Pest/Herb	( )
Organics-BNA	( )		Organics-VOA	( )
TOX	( )			

4. Specific Organics				
Volatiles	( )		Phenols GC	( )
Pesticides/PCB's	( )		Semi-Volitiles (BNA)	( )
Herbicides	( )		PCB's Only	( )
BTEX	( )		TPH 418.1	( )
TTO & Dioxin	( )		TTO	( )
			TPH 8015	( )
			Lindane	( )

5. Microbiology				
Fecal Coliform	( )		Total Coliform	( )

Comments: X Rush

Sampling Witness; _____
Date/Time: _____
Relinquished by: _____
Date/Time: 4/26/19 1:58 pm
Received by: _____
Date/Time: 04/26/19 1:58pm.
Relinquished by: _____
Date/Time: 04/26/2019 4:42pm.
Received by: _____
Date/Time: 4/26/19 4:42pm
Relinquished by: _____
Date/Time: _____
Received by: _____
Date/Time: _____

Matrix

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