



**BECKTON ENVIRONMENTAL
LABORATORIES, INC.**

REPORT OF ANALYSIS

ATTENTION: Mr. Eitel Figueroa
COMPANY: AES Puerto Rico - Guayama

DATE: September 15, 2009

CONTRACT: AES - Guayama

SAMPLE IDENTIFICATION: AGREMAX FUEL DRUMM ON D

SAMPLER: Client (E. Figueroa)
MATRIX: Solid
SAMPLE WT/VOL: 150/10 (g/mL) g

LAB. SAMPLE ID: BEL-0903935
LAB. FILE ID: 0903935
DATE SAMPLED: 08/18/09
DATE RECEIVED: 08/18/09
DATE EXTRACTED: 08/19/09 (TCLP)
DATE ANALYZED: 08/28/09 (Metals)
08/28/09 (Hg)

ANALYST: HS (Metals)
HS (Hg)

**MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY**

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
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METALS (SW 846 6010B/7470A)

D004	Arsenic	<0.003	0.003	5.0
D005	Barium	0.142	0.001	100.0
D006	Cadmium	0.001	0.001	1.0
D007	Chromium	0.014	0.001	5.0
D008	Lead	0.002	0.002	5.0
D009	Mercury	<0.00005	0.00005	0.2
D010	Selenium	0.233	0.002	1.0
D011	Silver	<0.001	0.001	5.0

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SAMPLE ID: BEL-0903935

PESTICIDES:	DATE EXTRACTED:	08/26/09	DATE ANALYZED:	09/10/09	ANALYST:	<u>KH</u>
HERBICIDES:	DATE EXTRACTED:	08/26/09	DATE ANALYZED:	09/10/09	ANALYST:	<u>KH</u>
SEMI-VOLATILES:	DATE EXTRACTED:	08/21/09	DATE ANALYZED:	09/11/09	ANALYST:	<u>WV</u>
VOLATILES:			DATE ANALYZED:	08/26/09	ANALYST:	<u>BT/KH</u>

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	METHOD DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
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PESTICIDES (SW 846 8081B)

D020	Chlordane	<0.0007	0.0007	0.03
D012	Endrin	<0.0006	0.0006	0.02
D031	Heptachlor (and its OH)	<0.0015	0.0015	0.008
D013	Lindane	<0.0007	0.0007	0.4
D014	Methoxychlor	<0.0010	0.0010	10.0
D015	Toxaphene	<0.0006	0.0006	0.5

HERBICIDES (SW-846 8151A)

D016	2,4-D	<0.0011	0.0011	10.0
D017	2,4,5-TP (Silvex)	<0.0011	0.0011	1.0

VOLATILE ORGANICS (SW-846 8260B)

D018	Benzene	<0.005	0.005	0.5
D019	Carbon Tetrachloride	<0.003	0.003	0.5
D021	Chlorobenzene	<0.007	0.007	100.0
D022	Chloroform	<0.009	0.009	6.0
D027	1,4-Dichlorobenzene	<0.004	0.004	7.5
D028	1,2-Dichloroethane	<0.005	0.005	0.5
D029	1,1-Dichloroethylene	<0.004	0.004	0.7
D035	Methyl Ethyl Ketone	<0.001	0.001	200.0
D039	Tetrachloroethylene	<0.004	0.004	0.7
D040	Trichloroethylene	<0.002	0.002	0.5
D043	Vinyl Chloride	<0.003	0.003	0.2

SEMI-VOLATILE ORGANICS (SW-846 8270C)

D023	o-Cresol	<0.009	0.009	200.0
D024	m-Cresol + p-Cresol	<0.005	0.005	200.0
D030	2,4-Dinitrotoluene	<0.006	0.006	0.13
D032	Hexachlorobenzene	<0.005	0.005	0.13
D033	Hexachlorobutadiene	<0.007	0.007	0.5
D034	Hexachloroethane	<0.009	0.009	3.0
D036	Nitrobenzene	<0.005	0.005	2.0
D037	Pentachlorophenol	<0.007	0.007	100.0
D038	Pyridine	<0.006	0.006	5.0
D041	2,4,5-Trichlorophenol	<0.005	0.005	400.0
D042	2,4,6-Trichlorophenol	<0.006	0.006	2.0

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SAMPLE ID: BEL-0903935

HAZARDOUS CHARACTERISTICS

IGNITABILITY:	DATE ANALYZED:	08/19/09	ANALYST:	<u>AE</u>
CORROSIVITY:	DATE ANALYZED:	08/18/09@3:45PM	ANALYST:	<u>GD</u>
REACTIVITY:	DATE ANALYZED:	08/19/09 (S)	ANALYST:	<u>GD</u>
	DATE ANALYZED:	08/19/09 (CN-)	ANALYST:	<u>GD</u>

IGNITABILITY¹: EPA Method SW 846 1030²

A flame was applied to the solid sample and did not ignite.

Not Flammable Solid

CORROSIVITY: Hazardous Wastes Number D 002 (SW 846 9045)

The sample identified above does NOT have the properties defined and assigned to corrosivity wastes.

The pH of the sample measured in water was 11.62 S.U. at 24.3 °C.

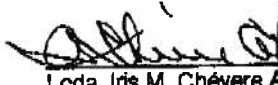
REACTIVITY: Hazardous Wastes Number D 003 S (SW 846 9034); CN (SW 846-9014)

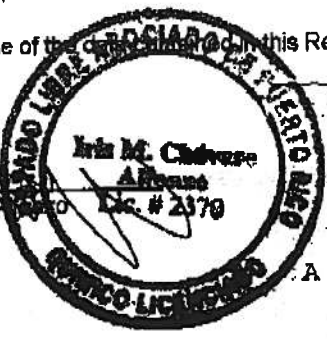
The sample does NOT exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	<u><48</u>	ppm (limit 500 ppm)
Cyanide	<u><10</u>	ppm (limit 250 ppm)

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.


 Lcda. Iris M. Chévere A. B. 2370
 Laboratory Director
 Chemist License 2370



A. 1280339

¹(a) A solid waste exhibits the characteristic of ignitability if a representative sample of the waste has any of the following properties:

(1)..... (2) It is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a hazard." CFR 40 Part 261 § 261.21

² "This method may be used to meet certain regulatory applications; with respect to the characteristic of ignitability in CFR § 261.21, this method may be used, but is not required, to determine whether a solid waste "when ignited, burns so vigorously and persistently that it creates a hazard." If it is impractical to perform the test because of the physical form of the sample, generator knowledge should be used to determine the ignitability hazard posed by the material." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Method 846-1030, Ignitability of Solids, page 1030-1, December 1996

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REVISION 2008

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>ACS Global</i>	SAMPLER <i>E. Figueroa</i>
SAMPLE LOCATION/CLIENT ID <i>Agremax Fuel Drummond</i>	TIME <i>10:30 AM</i>	LAB CONTROL NO. <i>148199</i>
SAMPLE DATE <i>8/18/09</i>	BEL NO. <i>0903935</i>	

- | | | | |
|--------------------------------|--------------|--------------------------|----------|
| 1. General Environmental: | PC | VSS | PC |
| Acidity () | ___ | Alkalinity () | ___ |
| Ammonia as N () | ___ | Bicarbonate () | ___ |
| BOD-5 () | ___ | Bromide () | ___ |
| Chloride () | ___ | Chlorine, Res. () | ___ |
| COD () | ___ | Color (ADMI) () | ___ |
| Conductivity μ mhos/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 () | ___ | Sert. Solids mL/L () | ___ |
| Sulfate () | ___ | Solids, Total () | ___ |
| Sulfite () | ___ | Sulfide () | ___ |
| TDS () | ___ | Surfactant () | ___ |
| Temperature, °C () | ___ | TSS () | ___ |
| TOC () | ___ | TKN () | ___ |
| Asbestos in Air () | ___ | 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) (X) | <u>1</u> | Corrosivity (X) | <u>1</u> |
| Reactivity (CN & S) (X) | <u>1</u> | TCLP (X) | <u>1</u> |
| RCRA Metals (X) | <u>1</u> | Organics-Pest/Herb (X) | <u>1</u> |
| Organics-BNA (X) | <u>1</u> | Organics-VOA (X) | <u>1</u> |
| TOX () | ___ | | |
| 4. Specific Organics | | | |
| Volatiles () | ___ | Phenols GC () | ___ |
| Pesticides/PCB's () | ___ | Semi-Volatiles (BNA) () | ___ |
| Herbicides () | ___ | PCB's Only () | ___ |
| BTEX () | ___ | TPH 418.1 () | ___ |
| TTO & Dioxin () | TPH 8015 () | TTO () | ___ |
| | | Lindane () | ___ |
| 5. Microbiology | | | |
| Fecal Collform () | ___ | Total Collform () | ___ |

Sampling Witness: _____
 Date/Time: _____
 Relinquished by: *Eitel Figueroa*
 Date/Time: *08-18-09 10:45 AM*
 Received by: *[Signature]*
 Date/Time: *8/18/09 10:15 AM*
 Relinquished by: *[Signature]*
 Date/Time: *8/18/09 1:32 PM*
 Received by: *[Signature]*
 Date/Time: *8-18-09 1:32 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 ₂ SO 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: _____ Sampling Equipment:
 1 day () Automatic Sampler ()
 2 days () Sample Pick Up ()
 3 days ()
 5 days ()

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

Comments: _____

Original