

**ANIMAL CREMATORY
AIR GENERAL PERMIT REGISTRATION FORM**

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

Bureau of Air Monitoring
& Mobile Sources

FEB 27 2009

RECEIVED

Registration Type

0710207-005

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
 Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
 Continue operating the facility after a change of ownership.
 Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
 No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

New Horizon Pet Services of SW FL, LLC

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

New Horizon Pet Services of SW FL, LLC

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 1941 Park Meadows Drive #8

City: Ft. Myers

County: Lee

Zip Code: 33902

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facilities)
NA

Owner/Authorized Representative

Name and Position Title: (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Mr. Randell Hubbard, Owner

Owner/Authorized Representative Mailing Address

Organization/Firm: New Horizon Pet Services of SW FL, LLC

Street Address: 1941 Park Meadows Drive #8

City: Ft. Myers

County: Lee

Zip Code: 33902

Owner/Authorized Representative Telephone Numbers

Telephone: 239-936-1732

Fax: 863-675-3304

Cell phone (optional): 863-227-2717

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Same as Above

Facility Contact Mailing Address

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

Cell phone (optional):

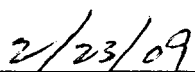
Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.


Signature


Date

Design Calculations

If this is an initial registration for a proposed new animal crematory unit, provide design calculations to confirm a sufficient volume in the secondary chamber combustion zone to provide for at least a 1.0 second gas residence time at 1800 degrees F.

- Manufacturer's' design calculations attached.
 Registration is not for proposed new animal crematory unit(s).

Description of Facility

Below, or as an attachment to this form, provide a description of all crematory operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

New Horizon Pet Services is being sold to new owners. In compliance with Rule 62-210.310(2), F.A.C, a new application for a general permit is being submitted. This source is currently regulated under source ID number: 0710207. No other changes are requested. The effective day of this change is February 26, 2009.

Residence Time was measured on an identical in excess of 1 second. In Attachment 1 we have included a copy a compliance test report performed on an identical unit and the retention time was measured at 1.48 seconds at 1800⁰F. The C1000S is a multi-chamber unit having an average of 400-lbs/hr cremation rate. The primary chamber burner is rated at 500,000 Btu/hr, and the secondary chamber burner is rated at 1,500,000 Btu/hr, for a total of 2,000,000 Btu/hr. Control of air pollution is achieved through the design of the C1000S crematory, including its ability to operate the secondary chamber between 1600 - 1850 degrees Fahrenheit at a residence time in excess of 1.0 second. In Attachment 2, we have included a copy of the crematory specifications. This facility fully complies with the eligibility criteria referenced on 62-210.920(2) FAC as this is the only air pollution source at the site. Emissions calculations are included in Attachment 3.

3/27/09-NG FIRED PER TELECON w/ Mr. HUBBARD
@ 3:40 PM. D. Dillu

**SOURCE TEST REPORT
FOR
PARTICULATE, CARBON MONOXIDE
AND VISIBLE EMISSIONS**

ANIMAL CREMATORY

**UNIVERSITY OF FLORIDA
ANIMAL CARE SERVICES
GAINESVILLE, FLORIDA**

**FDEP PERMIT NUMBER 0010121-001-AC
ID NUMBER 0010121
EMISSION UNIT NUMBER 001**

FEBRUARY 25, 2004

PREPARED FOR:

**A1 ENVIRONMENTAL CONSULTING SERVICES
1401 DEVON ROAD
WINTER PARK, FLORIDA 32789**

PREPARED BY:

**AIR CONSULTING AND ENGINEERING, INC.
2106 NW 67TH PLACE, SUITE 4
GAINESVILLE, FLORIDA 32653**

107-04-02

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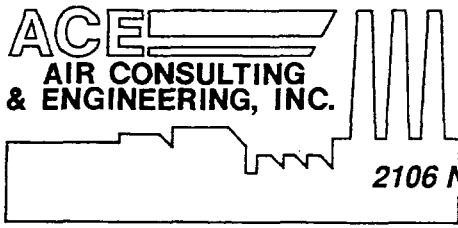
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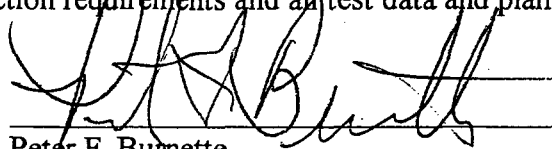
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2106 N.W. 67th Place • Suite 4 • Gainesville, Florida • 32653
(352) 335-1889 FAX (352) 335-1891

REPORT CERTIFICATION

To the best of my knowledge, all applicable field and analytical procedures comply with Florida Department of Environmental Protection requirements and all test data and plant operating data are true and correct.


Peter F. Burnette

3/11/04
Date

1.0 INTRODUCTION

On February 25, 2004, Air Consulting and Engineering, Inc. (ACE) conducted Particulate Matter (PM) and Carbon Monoxide (CO) emissions testing on the Animal Crematory Model C-1000S operated by the University of Florida Animal Care Services (UF) in Gainesville, Florida. Mr. Luis Llorens of A1 Environmental Consulting Services performed a Visible Emission (VE) test and monitored production.

Testing was undertaken to demonstrate compliance with the conditions of the Florida Department of Environmental Protection (FDEP) Permit Number 0010121-001-AC (see Appendix A). United States Environmental Protection Agency (EPA) Method 5 (PM), EPA Method 9 (VE) and EPA Method 10 (CO) were used.

Messers Michael Cormier and Daniel Pineda of UF coordinated testing and operated the unit.

2.0 SUMMARY AND DISCUSSION OF RESULTS

The Animal Crematory Model C-1000S was found to be operating in compliance with all permitted conditions. Results and permitted conditions are summarized below. Emissions are further summarized in Table 1.

<u>Parameter</u>	<u>Actual</u>	<u>Permitted</u>
PM Emission	0.0199 GR/SCF @ 7% O ₂	0.08 GR/SCF @ 7% O ₂
CO Emission	3.31 ppm @ 7% O ₂	100 ppm @ 7% O ₂
Visible Emission	0.0% Opacity (concurrent with Run 1)	5% Opacity (except for 20% for 3 min/hr)
Incineration Rate	391 lbs/HR	Within 10% of 400 lbs/Hr
Gas Residence Time	1.48 Seconds @ 1800°F	>1.0 Seconds @ 1800°F
Second Chamber Temp.	1750°F	>1600°F
Objectionable Odors	None	NONE

Particulate emission summaries, field data sheets and laboratory data are presented in Appendices B, C, and D, respectively. The CO and VE data are located in Appendices E and F. The Incineration Rate data, Residence Time calculations and Secondary Chamber Temperature chart are provided in Appendix G.

Table 1 Emission Summary
 Animal Crematory Model C-1000S (ID 0010121 EU001)
 University of Florida Animal Care Services
 Gainesville, Florida
 February 25, 2004

Run Number	Time	Flow DSCFM	Temp °F	Moisture %	O ₂ %	Particulate Emissions			CO Emissions			Opacity %
						GR/SCF	GR/SCF @ 7% O ₂	lbs/hr	ppmd	ppm @ 7% O ₂	lbs/Hr	
1	1129-1231	1560	1050	9.5	14.42	0.0065	0.0139	0.0087	3.07	6.59	0.021	0.0
2	1300-1402	1701	1082	9.4	13.91	0.0094	0.0186	0.0136	1.14	2.27	0.008	--
3	1433-1535	1624	1081	10.2	13.93	0.0136	0.0272	0.0190	0.53	1.06	0.004	--
Average		1628	1071	9.7	14.09	0.0098	0.0199	0.0138	1.58	3.31	0.011	0.0

Allowable Emissions - Particulate Carbon Monoxide Opacity
 0.08 GR/SCF 100 ppmd 5% (except 20% for 3 min/hr)
 @ 7% O₂ @ 7% O₂

Correction to 7% O₂ = concentration (20.9 - 7) / (20.9 - % O₂)

3.0 PROCESS DESCRIPTION AND OPERATION

The UF Animal Care Services Animal Crematory was formerly located at the S.W. 34th Street Animal Research facility. It has been retrofitted by Crawford Manufacturing of Lakeland, Florida and relocated to 2292 S.W. 23rd Street, Gainesville, Florida.

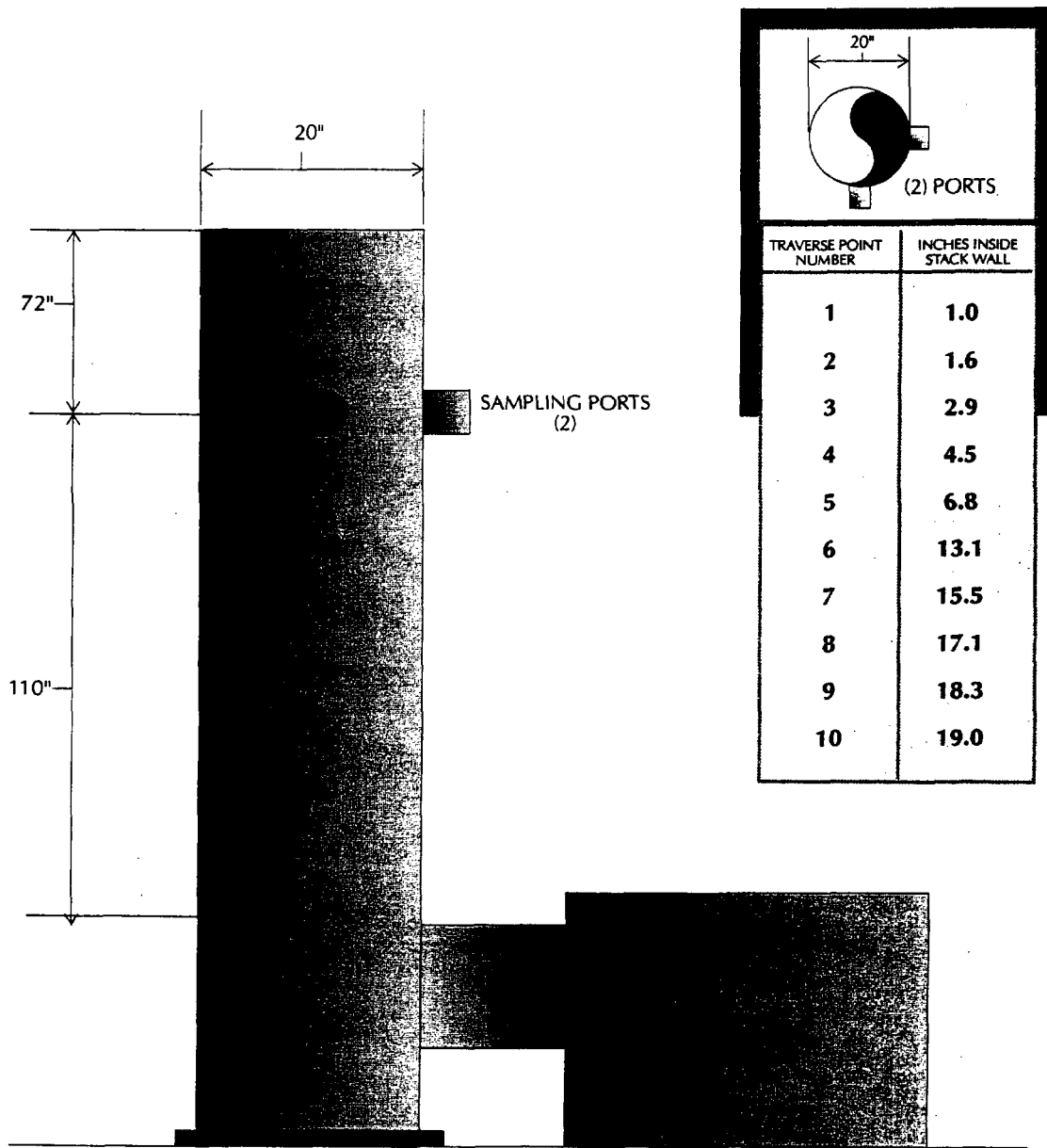
The Unit is a re-manufactured Crawford Equipment and Engineering Company, Inc. Model C-1000S. It is equipped with a 112 cubic foot Secondary Combustion Chamber (SCC) for pollution control. The SCC has a Continuous Temperature Monitor with a circular chart recorder. The Unit maintained an average SCC temperature of 1750°F charged with an average of 391 lbs/Hr of carcasses (nominal 100 lbs/15 minutes) during testing. The primary and secondary chambers are fired with natural gas.

Residence time in the SCC as calculated at 1755°F (actually measured) and 1800°F (permit) and was found to be 1.48 seconds for both cases.

Production data, temperature chart and Residence Time calculations are presented in Appendix G.

4.0 SAMPLING POINT LOCATION

Figure 1 is a schematic of the Crematory Exhaust stack. Individual sampling point locations are provided.



NOTE: NOT TO SCALE.

SOURCE: AIR CONSULTING & ENGINEERING, INC. (UF) 3/10/04

FIGURE 1.
 SAMPLING POINT LOCATION
 ANIMAL CREMATORY EXHAUST STACK
 UNIVERSITY OF FLORIDA
 GAINESVILLE, FLORIDA

5.0 FIELD AND ANALYTICAL PROCEDURES

5.1 Particulate Matter Sampling and Analysis--EPA Method 5 (Quartz Probe)

Particulate matter samples were collected by the particulate matter emission measurement method specified by the United States Environmental Protection Agency. A schematic diagram of the sampling train used is shown in Figure 2. All particulate matter captured from the nozzle to, and including, the filter was included in the calculation of the emission rate of particulate matter.

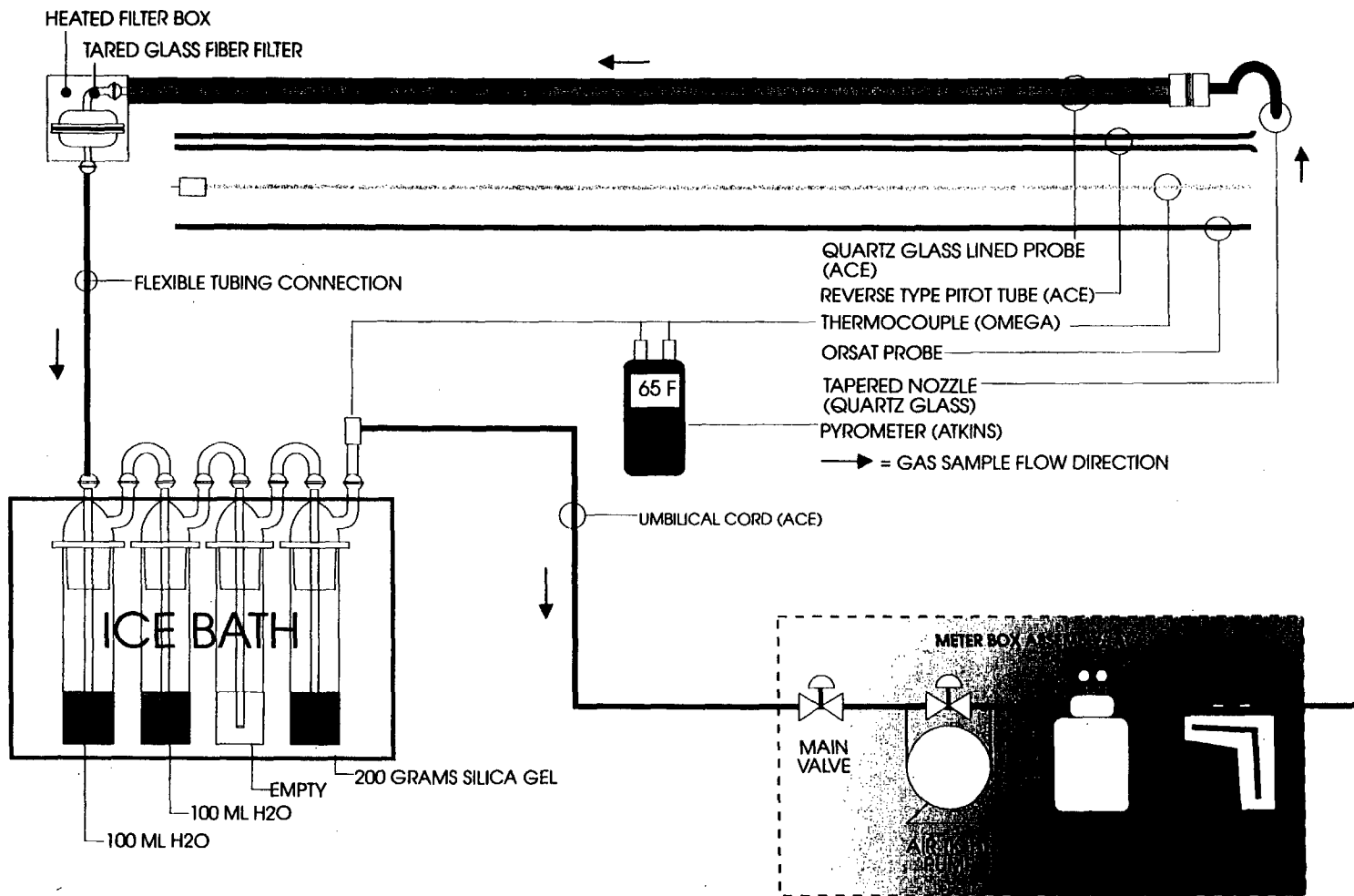
PREPARATION OF EQUIPMENT

1. **FILTERS** - Gelman type "A" filters, or their equivalents, were inspected, numbered, and placed in a drying oven for two hours at 105 degrees C, removed and placed in a standard desiccator containing indicating silica gel, allowed to cool for two hours, and weighed to the nearest 0.1 mg. The filters were then re-desiccated for a minimum of six hours and weighed to a constant weight (less than 0.5 mg change from previous weighing). The average of the two constant weights was used as the tare weight.
2. **NOZZLE, FILTER HOLDER, AND SAMPLING PROBE** - The nozzle, filter holder, and sampling probe were washed vigorously with soapy water and brushes, rinsed with acetone and distilled water, and dried prior to the test program. All openings on the sampling equipment were sealed while in transit to the test site.
3. **IMPINGERS** - The Greenburg-Smith impingers were cleaned with a warm soapy water solution and brushes, rinsed with distilled water and acetone, and dried. The impingers were sealed tightly during transit.

TEST PROCEDURE

Prior to performing the actual particulate matter sample runs, certain stack and stack gas parameters were measured. These preliminary measurements included the average gas temperature, the stack gas velocity head, the stack gas moisture content, and the stack dimensions at the point where the tests were being performed. The stack gas temperature was determined by using a bi-metallic thermocouple and calibrated pyrometer. Velocity head measurements were made with calibrated type "S" pitot tube and an inclined manometer. Velocity head measurements of 0.05 inches H₂O or less were measured utilizing a micromanometer.

The sampling traverse points were selected so that a representative sample could be extracted from the gas stream. The traverse points were located in the center of equal areas, the number of which were dependent upon the distance upstream and downstream from flow disturbances (per EPA Method 1; see Figure 1).



SOURCE: AIR CONSULTING & ENGINEERING, INC. (5QUARTZ) 8/16/95

FIGURE 2.

EPA METHOD 5 SAMPLING SCHEMATIC
(DETERMINATION OF PARTICULATE EMISSIONS
FROM STATIONARY SOURCES-QUARTZ GLASS PROBE)

Each particulate matter test run consisted of sampling for a specific amount of time at each traverse point. The type "S" pitot tube was connected to the sampling probe so that an instantaneous velocity head measurement could be made at each traverse point while making the test run, the stack gas temperature was also measured at each point (per EPA Method 2). Nomographs were used to calculate the isokinetic sampling rate at each traverse point during each test run.

The gases sampled passed through the following components: a quartz glass nozzle and quartz glass probe; a glass fiber filter, two impingers each with 100 ml of distilled water; one impinger dry; one impinger with 200 grams of silica gel; a flexible sample line; an air-tight pump; a dry test meter; and a calibrated orifice. The second impinger had a standard tip, while the first, third, and fourth impingers had modified tips with a 0.5 inch I.D. opening. Sample recovery was accomplished by the following procedures:

1. The pre-tared filter was removed from its holder and placed in Container 1 and sealed. (This is usually performed in the lab.)
2. All sample-exposed surfaces prior to the filter were washed with acetone and placed in Container 2, sealed and the liquid level marked.
3. The volume of water from the first three impingers was measured for the purpose of calculating the moisture in the stack gas and then discarded (per EPA Method 4).
4. The used silica gel from the fourth impinger was transferred to the original tared container and sealed.

LABORATORY ANALYSIS

The three sample containers from each sample run were analyzed according to the following procedures:

1. The filter was dried at 105 degrees C for three hours, desiccated for a minimum of one hour, and weighed to the nearest 0.1 mg. A minimum of two such weighings six hours apart was made to determine constant weight.
2. The acetone from Container 2 was transferred to a tared beaker and evaporated to dryness at ambient temperature and pressure, desiccated for 24 hours, and weighed to the nearest 0.1 mg. A minimum of two such weighings six hours apart were made to determine constant weight.
3. The used silica gel in its tared container was weighed to the nearest 0.1 gram.

The total sample weight included the weight of material collected on the filter plus the weight of material collected in the nozzle, sampling probe and front half of the filter holder.

DATA

The field data sheets, calculation sheets, and nomenclature definitions are included in the appendix of this report.

5.2 Determination of Carbon Monoxide Emissions from Stationary Source --EPA Method 10 with oxygen as the dilution gas--EPA Method 3A

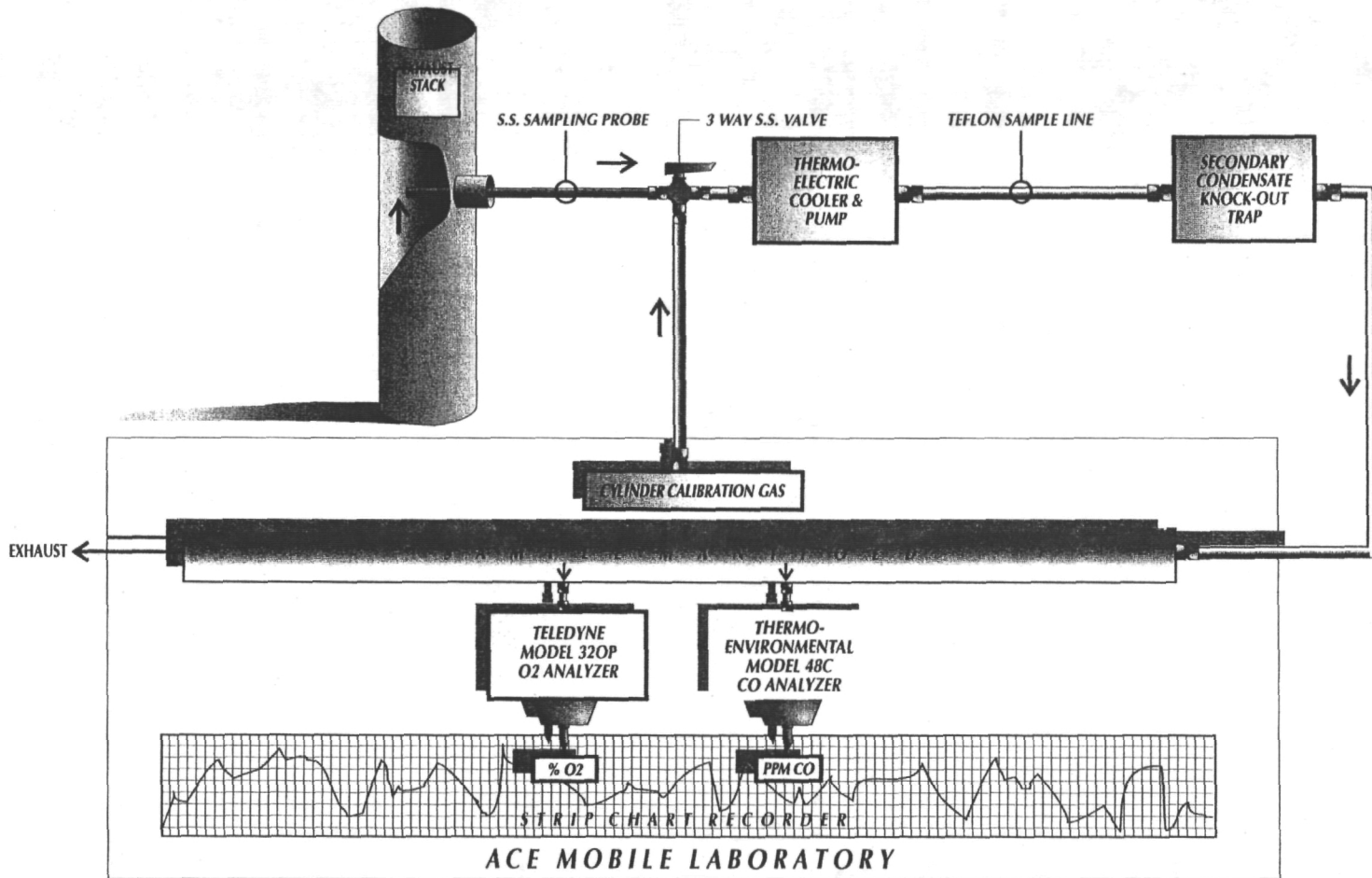
The sampling system is shown in Figure 3. A sample was drawn from the stack at a rate of approximately 2 SCFH. A stainless steel probe assembly was followed by a three-way stainless steel valve. The sample was pumped through an ice-cooled condensate trap followed by a 1/4" O.D. TEFLON sampling line. Calibration gases were introduced at the sampling interface (the three-way valve) through another 1/4" O.D. TEFLON line. The sample pump delivered gases to a manifold system where one flow is divided between a Teledyne 320P O₂ analyzer and a Thermo Electron Model 48 CO analyzer (NDIR with gas filter correlation). Excess flow is dumped to ambient. All instrument responses were recorded on strip chart recorders. The sampling system yields O₂, and CO, concentrations on a dry gas basis.

Calibration gases consisted of CO, and O₂ standards in nitrogen and ambient air. All calibration gases were certified NBS traceable, Protocol 1.

5.3 Visible Emissions Testing--EPA Method 9

The visible emission tests were performed in accordance with EPA Method 9. The observers maintain semi-annual FDEP certification for the performance of visible emission tests and attend the classroom lecture as required.

All procedures listed in Method 9 were followed including observer's position relative to the sun, distance from the stack, and line of sight. These items are noted on the visible emission data sheet. Observations were made at 15-second intervals and recorded to the nearest five percent. The final opacity was determined by calculating the average of the highest consecutive 24 readings of the observation period.



SOURCE: AIR CONSULTING & ENGINEERING, INC. (AKCEM) 6/23/98

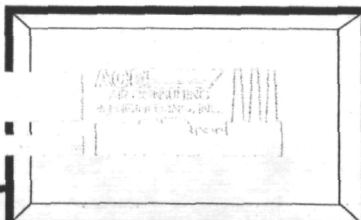


FIGURE 3.
EPA METHODS 3A AND 10 CEM SAMPLING SCHEMATIC
(DETERMINATION OF OXYGEN, CARBON
DIOXIDE, AND CARBON MONOXIDE
EMISSIONS FROM STATIONARY SOURCES

**MODEL C1000S
CONTROLLED AIR, HOT HEARTH INCINERATOR
SPECIFICATION**

OVERVIEW: The Crawford model C1000S is a multiple chamber, controlled air, hot-hearth, incineration system designed to accommodate mixed waste streams ranging from pathological to high BTU content plastics while complying with the higher temperatures and residence times being required by environmental agencies. Utilizing a unique negative pressured, controlled air, hot hearth design with a sealed hydraulic ram feed charging system, the unit can process nominal volumes of 2000 pounds in a normal 8 hour work shift with the capability of extended continuous operation to meet greater demands.

I. EQUIPMENT:

Crawford Multiple Chambered, Hot Hearth , Pathological Incinerator,
Natural Gas, Propane (LP) standard, Dual Fuel or Oil fired (optional).

II. MANUFACTURER:

Crawford Equipment & Engineering Co.,
436 West Landstreet Road
Orlando, Florida 32824

III. CONSTRUCTION STANDARDS:

The Crawford incineration chamber shall be constructed of U.L./CSA listed components and will meet or exceed nationally accepted incinerator construction standards per the Incinerator Institute of America (IIA) publication guidelines; i.e.:

- A. Primary chamber will not exceed 60% of total chamber volume
flue connection shall not be considered part of furnace volume.
- B. Flame supervision through ultraviolet continuous
scanning flame detectors on all burners.
- C. High temperature refractory construction with air-cooled
walls to prevent excessive heat radiation.
- D. Temperature actuated fuel and air controls.

IV. RECOGNIZED APPROVALS:

U.L. Underwriters Laboratories, Inc.. (Control #54E3)

V. **INCINERATION CHAMBER DIMENSIONS:**

Chamber volumes: Primary - 89 c.f. Secondary - 112 c.f.

Structural footprint: 20'6" (L) x 6'2" (W)

Over-all dimensions: 20'6" (L) x 7'0" (W) x 8'10" (H)

VI. **OPERATING TEMPERATURE:**

Temperatures are determined as a result of federal, state or local permitting authority operating standards.

Typical primary chamber setting: 1200 - 1600°F

Typical secondary chamber setting: 1600 - 1800°F

VII. **RETENTION TIME:**

2 seconds based on average heat release of waste @ 1,000 Btu/lb

VIII. **CAPACITY:**

Firing rate: ~~250 lbs/hr~~ 400 lbs/hr

IX. **DRAFT:**

Induced via patented 2400°F refractory lined draft inducer.

X. **SHIPPING WEIGHT:**

40,000 lbs. with loader

XI. **EMISSIONS:**

Secondary chamber (112 ft³) with 2 MBtu secondary burner and hot air duct opacity supervision by a Heat-Timer Corporation electronic exhaust gas scanner with control to the primary chamber burner available.

XII. **STEEL CONSTRUCTION SPECIFICATIONS:**

A. The incinerator chamber structure to be heavy steel angle iron, square tube and plate steel welded construction.

B. Subfloors to be 3/16" steel plate, seal welded construction.

- C. The exterior shell to be 12 gauge steel removable panels.
- D. Interior shell to be 10 gauge steel, seal-welded construction.

XIV. INSULATION & REFRACTORY SPECIFICATIONS:

- A. Hot Hearth: 3000°F. abrasion resistant castable refractory, 7" thick, 1 1/2" recessed top and cast monolithic arched bottom.
- B. Chamber Floors: 3000°F. abrasion resistant castable refractory, 5" thick.
- C. Chamber Ceilings: 3000°F. castable refractory, 7" thick, cast monolithic arch.
- D. Chamber Walls: 2800°F. alumina-silicate firebrick, 2 1/2" x 4 1/2" x 9", backed by an additional 2" 1900° insulating board, all chambers are backed by 1" of fiber insulation.
- E. Stack: Lined with minimum 2" of 2400°F light weight insulating castable.

XV. SKIN TEMPERATURE CONTROL:

Completely air-cooled design to prevent excessive heat radiation.

XVI. COMBUSTION EQUIPMENT:

- A. Combustion Air: One, 3 phase, 230/460 V, 23.2/11.6 amp 10 hp air-blower motor (2000 CFM)
- B. Primary Chamber: One, down-fired, 1,000,000 BTU/hr nozzle mix, gas-fired burner, Eclipse, North American or equal.
- C. Secondary Chamber: One 2,000,000 BTU/hr, nozzle mix, gas-fired burner, Eclipse, No. American or equal.
- D. Burner Flame Safeguard: Control supervision on each burner via electronic flame safeguard system utilizing an ultra-violet light detector.
- E. Low-Air Pressure Safety Switch: Interlocked to all burners.

XVII. HOT AIR DUCT:

10 gauge carbon steel, high-temp. (2400°F) refractory lined, flanged, patented, 24"
Outside Diameter, 28" at flange.

XVIII. UTILITY REQUIREMENTS:

A. GAS:

1. Pressure: a) Natural Gas: 9" W.C.
b) Propane: 11" W.C.
2. Flow Rate: 3,000,000 BTU/HR

B. ELECTRICAL:

1. One, 230/460 V, three phase, 23.2/11.6 amp, 10 hp motor
One, 230/460 V, three phase, 13.2/8.6 amp, 5 hp hydraulic pump
2. One, 120 V, single phase, 10 amp connection

XIX. INCINERATION CHAMBER DOOR:

Refractory lined, hydraulic actuated guillotine type charging door.
Refractory lined, manual, bearing hinged, swing-out type clean-out door.

XX. INCINERATOR PROCESS CONTROL:

All basic functions are controlled by a master programmable logic control with simple push button activation of operator functions. Temperature actuated fuel/air modulation automatically controlled via programmable controller with LCD display of secondary chamber status, and chart recording optional.

XXI. EXTERIOR FINISH:

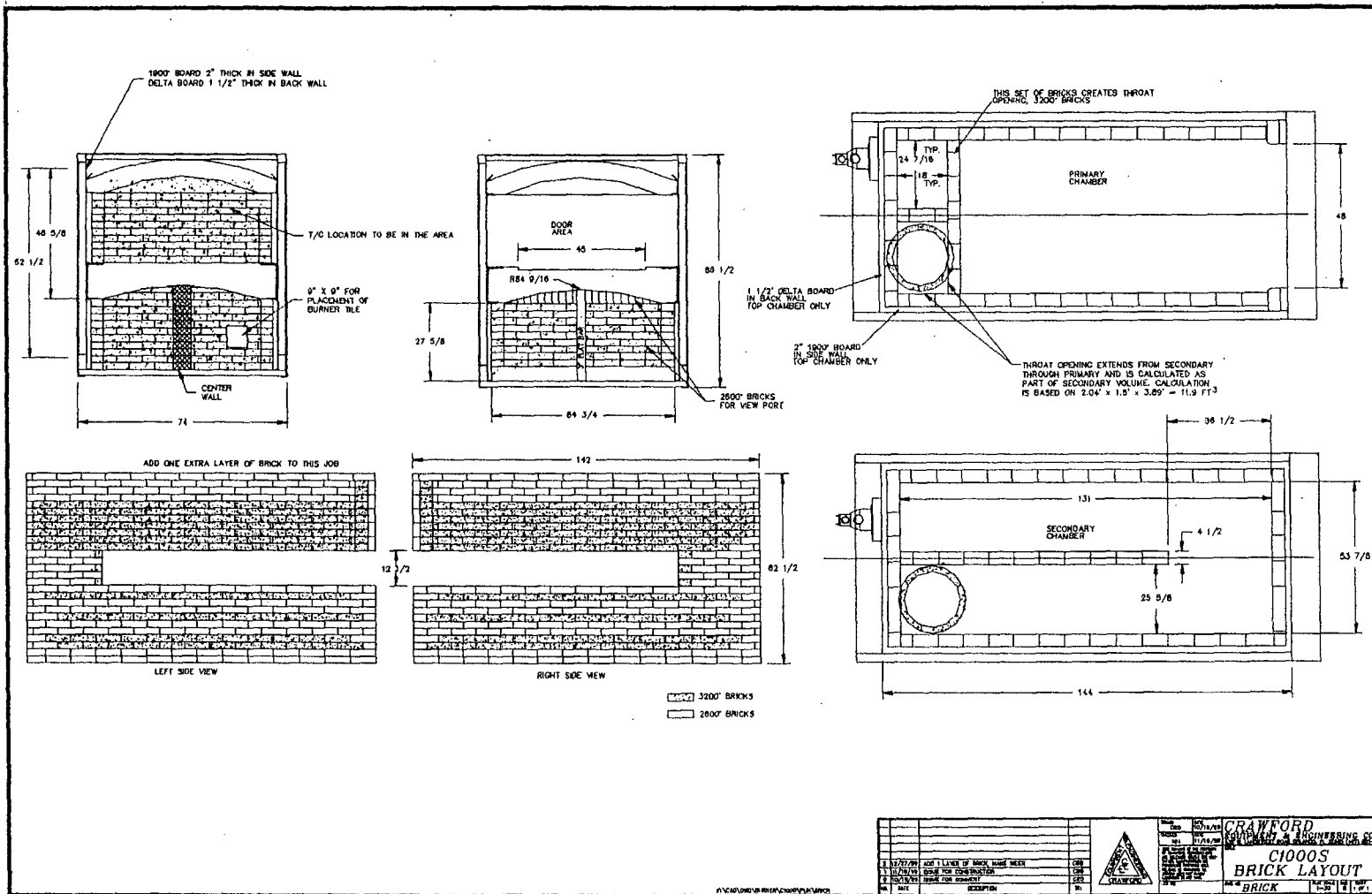
The incineration chamber is finished with two coats of high-temperature and textured polyurethane coating.

XXIII. HYDRAULIC LOADING SYSTEM

Hydraulic telescopic piston with auto retraction, operated by hydraulic pump, .6 cubic yard hopper, standard. The system includes a hydraulic cart dump system for ease of loading and operation.

RAM STROKE: 6'0"
PUMP SET: 5 HP, 3 PHASE
208-230/460 VOLTS
13.2/8.6 AMPS
FLOW - 6 G.P.M.
2000 P.S.I. MAX PRESS
4 STATION MANIFOLD

C1000S

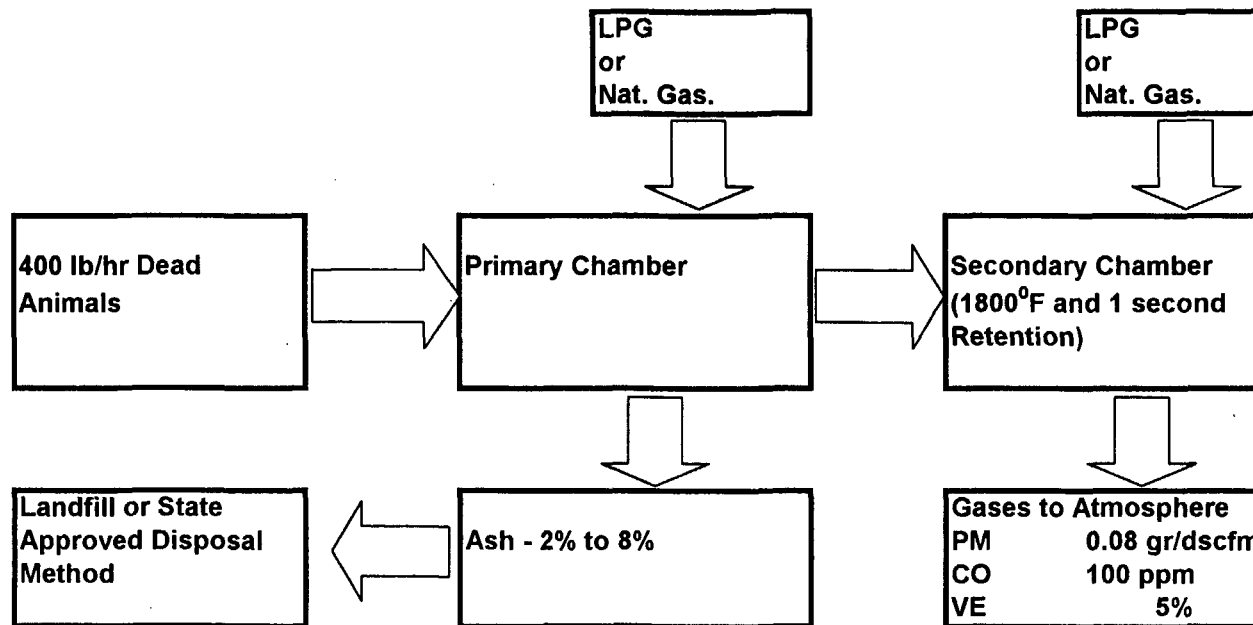


Pounds Incinerated Per Hour (Average)	Hours Per Year	SO2 lb/ton	SO2 lb/hr	SO2 TPY	Nox lb/ton	Nox lb/hr	Nox TPY	TOC lb/ton	TOC lb/hr	TOC TPY
400	8760	2.5	0.5	2.19	3	0.6	2.628	3	0.6	2.628

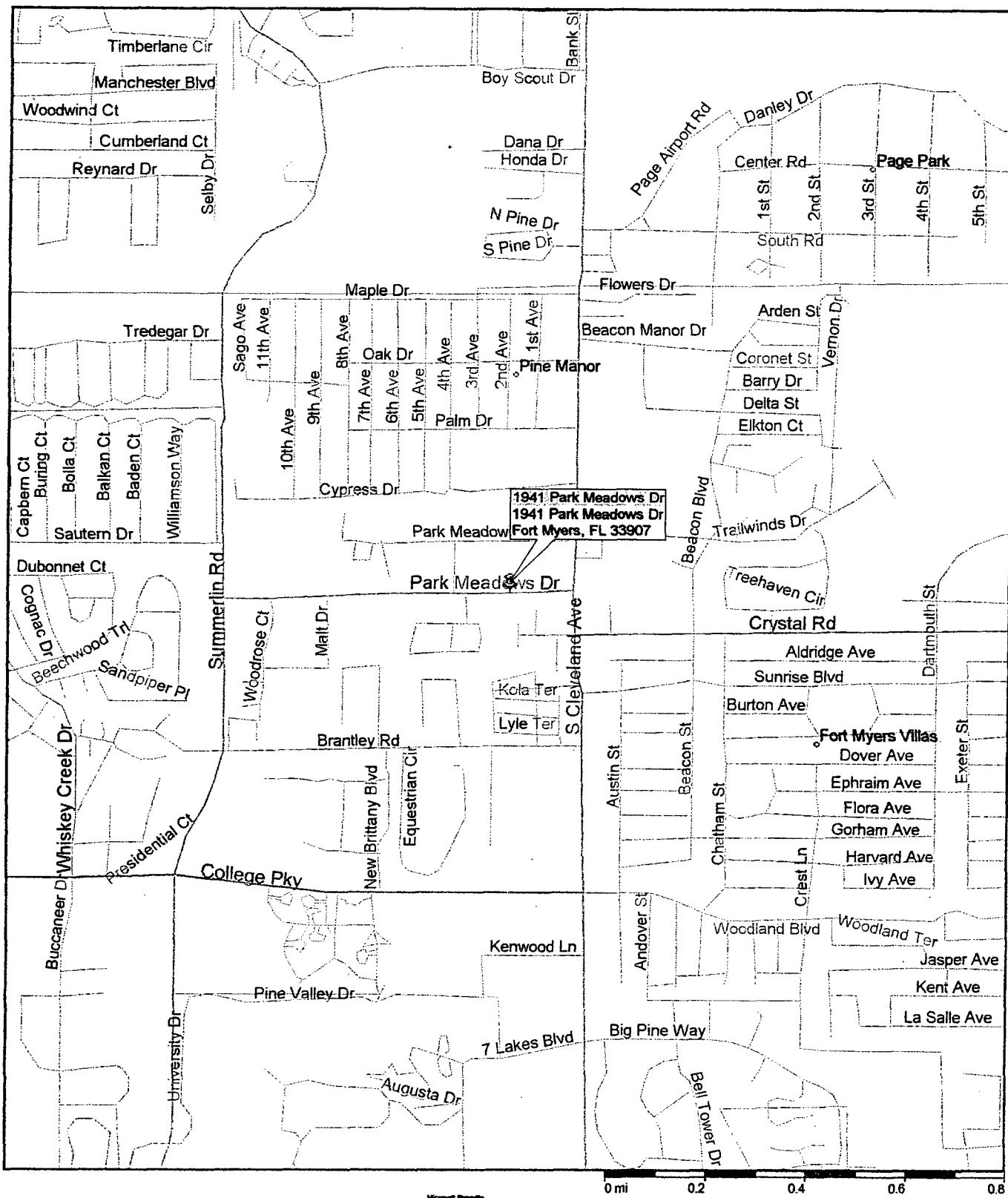
CO=3.31 ppm@ 7% O2 or 0.011 lb/hr

PM = 0.01999 gr/dscfm or 0.138 lb/hr based on attached stack test report

Process Flow Diagram

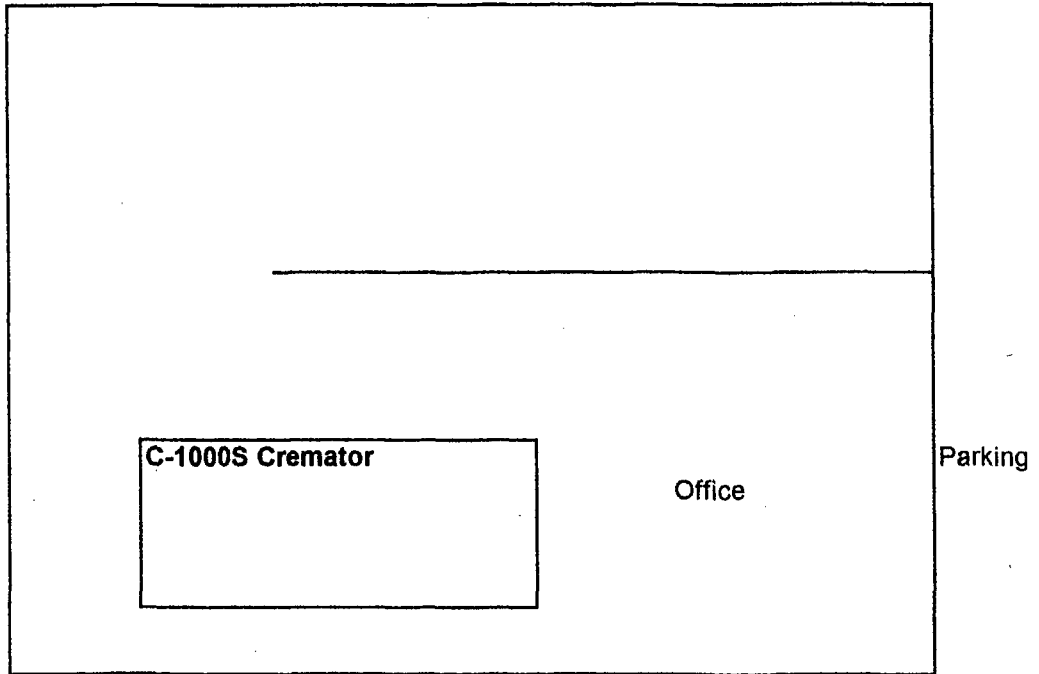


New Horizons Pet Services, Inc. C1000S Animal Crematory

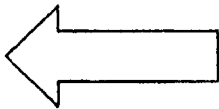


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North

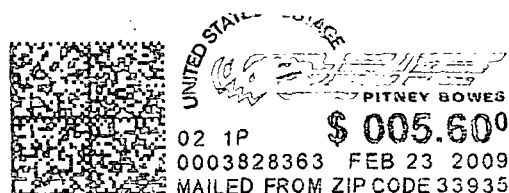


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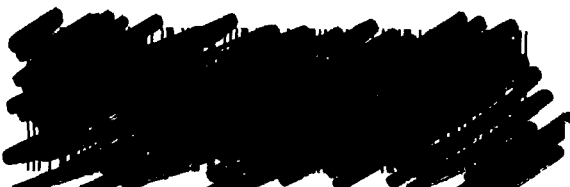
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