

# CITY OF TAMPA

Bob Martinez, Mayor

ALRAY HAY RE-USE-TO-ENERGY PROJECT

March 15, 1982

DER

MAR 16 1982

BAQM

Mr. Clair Rancy  
State of Florida  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Mr. <sup>Clair</sup>Rancy:

I am writing pursuant to our recent phone conversation concerning the City of Tampa's air quality permit application (AC 79-47771). As you are aware, the vendor for our resource recovery facility has requested that we allow a two stack as opposed to a one stack configuration. Each stack would vent two incinerator units and each would have the following stack parameters:

TABLE 1

Stack Parameters Per Stack

Stack Diameter* I.D.	5.75 ft.	1.75 m
Stack Height	150 ft.	45.73 m
Exit Gas Temperature	440°F	500 K
Exit Gas Velocity	76.9 ft/sec.	26.43 m/c
Exit Gas Volume	119,000 ACFM	56.63 m <sup>3</sup> /sec
*Stack O.D.	6.8 ft.	2.07 m

It is our understanding that preliminary modeling runs and investigations by your staff show that this change in configuration will not increase the predicted impact of the facility on ambient air quality. The City requests, therefore, that the permit application for Facility 1 be changed to include the two stack configuration with the parameters listed in Table 1. Please contact me if you require further information. Thank you for your time and consideration.

Very truly yours,

*Joe*  
Joseph D. Murdoch  
Resource Recovery Management Analyst

JHM/dv

THE TAMPA TRIBUNE

Published Daily  
Tampa, Hillsborough County, Florida

Florida  
County of Hillsborough

Before the undersigned authority personally appeared  
G. T. Gleason, who on oath says that he is Controller of The Tampa Tribune, a daily  
newspaper published at Tampa in Hillsborough County, Florida; that the attached copy  
of advertisement being a

LEGAL NOTICE

in the matter of Notice that the Fla. Dept. of Environmental Regulation  
has received applications from and intends to issue construction  
permits to the City of Tampa for the construction/modification  
of two solid waste incinerators.  
was published in said newspaper in the issues of January 22, 1982

Affiant further says that the said The Tampa Tribune is a newspaper published at  
Tampa, in said Hillsborough County, Florida, and that the said newspaper has  
heretofore been continuously published in said Hillsborough County, Florida, each day  
and has been entered as second class mail matter at the post office in Tampa, in said  
Hillsborough County, Florida, for a period of one year next preceding the first publica-  
tion of the attached copy of advertisement; and affiant further says that he has neither  
paid nor promised any person, firm, or corporation any discount, rebate, commission or  
refund for the purpose of securing this advertisement for publication in the said  
newspaper.

*G. T. Gleason*

Sworn to and subscribed before me, this 24th day  
of February A.D. 1982

(SEAL)

*John Thomas*  
Notary Public  
My Commission Expires Oct. 25, 1982

*John Thomas*

NOTICE OF PROPOSED  
AGENCY ACTION

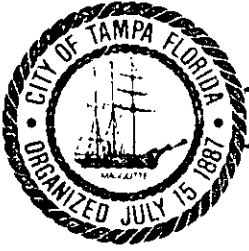
The Florida Department  
of Environmental Regulation  
(DER) has received applica-  
tions from and intends to  
issue Construction  
Permits to the City of Tampa  
for the construction/modifi-  
cation of two solid waste in-  
cinerators equipped for elec-  
tric generation to be located  
near McKay Bay in Hills-  
borough County, Florida. A  
determination of Best Avail-  
able Control Technology and  
Lowest Achievable Emission  
Rate was required. Copies of  
the applications, BACT and  
LAER Determination, Tech-  
nical Evaluation, and De-  
partmental Intent are  
available for inspection at  
the following offices:

Florida Department of  
Environmental Regulation,  
Southwest District, 7601  
Highway 301 North, Tampa,  
Florida 33610 Department of  
Environmental Regulation,  
Bureau of Air Quality  
Mgmt., 2600 Blair Stone  
Road, Tallahassee, Florida  
32301

Hillsborough County En-  
vironmental Protection Com-  
mission, 1900 9th Avenue,  
Tampa, Florida 33610

Comment on this action  
shall be submitted in writing  
to Mr. Bill Thomas of the  
Tallahassee office, within 30  
days of this notice.

M2113 Jan. 22, 1982



# CITY OF TAMPA

Bob Martinez, Mayor

MCKAY BAY REFUSE-TO-ENERGY PROJECT

February 22, 1982

DER

MAR 1 1982

BAQM

Mr. Clair Fancy  
Department of Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Mr. Fancy:

By this letter and attached waiver form, the City is waiving its right to have its application for an air quality permit for the McKay Bay Refuse-to-Energy Facility I (AC 29-47277) approved or denied within 90 days of its completeness as prescribed in Section 120.60(2)F.S.

It is our understanding that a final determination will be issued by D.E.R. as soon as possible, on or before April 25, 1982.

Thank you again for your time and consideration.

Very truly yours,

Richard D. Garrity, Ph.D.  
Urban Environmental Coordinator

RDG/dw

Attachment

WAIVER OF 90 DAY TIME LIMIT  
UNDER SECTION 120.60(2), FLORIDA STATUTES

License (Permit, Certification) Application No. AC 29-47277  
Applicant's Name: City of Tampa

The undersigned has read Section 120.60(2), Florida Statutes, and fully understands the Applicant's rights under that section.

With regard to the above referenced license (permit, certification) application, the Applicant hereby with full knowledge and understanding of (his) (her) (its) rights under Section 120.60(2), Florida Statutes, waives the right under Section 120.60(2), Florida Statutes, to have the application approved or denied by the State of Florida Department of Environmental Regulation within the 90 day time period prescribed in Section 120.60(2), Florida Statutes. Said waiver is made freely and voluntarily by the Applicant, is in (his) (her) (its) self-interest, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Regulation.

This waiver shall expire on the 25th day of April 19 82.

The undersigned is authorized to make this waiver on behalf of the applicant.

*Margaret D. Alison*

Sworn to and subscribed  
before me this \_\_\_\_\_ day  
of \_\_\_\_\_ 19\_\_\_\_.

Notary Public, State of Florida at Large  
My Commission Expires January 21, 1985

*Dale H. Twachtman*  
Signature

Dale H. Twachtman  
Name of Signee

February 22, 1982

Date

Please accept this form as a replacement for the previously submitted waiver.

WAIVER OF 90 DAY TIME LIMIT  
UNDER SECTION 120.60(2), FLORIDA STATUTES

License (Permit, Certification) Application No. AC-29-47273  
Applicant's Name: City of Tampa

The undersigned has read Section 120.60(2), Florida Statutes, and fully understands the Applicant's rights under that section.

With regard to the above referenced license (permit, certification) application, the Applicant hereby with full knowledge and understanding of (his) (her) (its) rights under Section 120.60(2), Florida Statutes, waives the right under Section 120.60(2), Florida Statutes, to have the application approved or denied by the State of Florida Department of Environmental Regulation within the 90 day time period prescribed in Section 120.60(2), Florida Statutes. Said waiver is made freely and voluntarily by the Applicant, is in (his) (her) (its) self-interest, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Regulation.

This waiver shall expire on the 1st day of June 1982.

The undersigned is authorized to make this waiver on behalf of the applicant.

*Dale H. Twachtman*  
Signature

Dale H. Twachtman  
Name of Signee

2-19-82  
Date

*Margaret D. Wilson 3-1-82*

Notary Public, State of Florida at Large  
My Commission Expires January 21, 1985

**RECEIVED**

MAR 4 1982

Dept. of Environmental Regulation  
Office of General Counsel

City of Tampa, Florida

Date: March 2, 1982

To: Martha Hall *John*  
From: Joe Murdoch  
Subject: Waiver for McKay Bay Facility II

RECEIVED

MAR 4 1982

Dept. of Environmental Regulation  
Office of General Counsel

Ms. Hall:

Attached is the notarized waiver form you requested,  
with the proper application number. Please excuse the  
typo. Thank you.

*Joe*



# CITY OF TAMPA

Bob Martinez, Mayor

MCKAY BAY REFUSE-TO-ENERGY PROJECT

February 18, 1982

Mr. Clair Fancy  
Department of Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32301

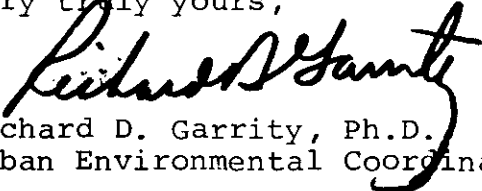
DER  
FEB 22 1982  
BAQM

Dear Mr. Fancy:

By this letter and attached waiver form, the City is waiving its right to have its application for an air quality permit for the McKay Bay Refuse-to-Energy Facility II (AC 29-47278) approved or denied within 90 days of its completeness as prescribed in Section 120.60(2)F.S. It is our understanding that the City will maintain its right to appeal DER's preliminary BACT and LAER determinations during the waiver time period (ending 1 June, 1982). If it is the interpretation of DER that our appeal right is not extended by this waiver request, the City asks to be notified of the procedures by which its appeal right can be preserved and requests a further extension of the appeal time limit (granted 10 February, 1982) to institute such procedures.

Thank you again for your time and consideration.

Very truly yours,

  
Richard D. Garrity, Ph.D.  
Urban Environmental Coordinator

RDG/dw

Attachment

DER

FEB 19 1982

SOUTHWEST DISTRICT  
TAMPA

WAIVER OF 90 DAY TIME LIMIT  
UNDER SECTION 120.60(2), FLORIDA STATUTES

License (Permit, Certification) Application No. AC-29-47478  
Applicant's Name: City of Tampa

The undersigned has read Section 120.60(2), Florida Statutes, and fully understands the Applicant's rights under that section.

With regard to the above referenced license (permit, certification) application, the Applicant hereby with full knowledge and understanding of (his) (her) (its) rights under Section 120.60(2), Florida Statutes, waives the right under Section 120.60(2), Florida Statutes, to have the application approved or denied by the State of Florida Department of Environmental Regulation within the 90 day time period prescribed in Section 120.60(2), Florida Statutes. Said waiver is made freely and voluntarily by the Applicant, is in (his) (her) (its) self-interest, and without any pressure or coercion by anyone employed by the State of Florida Department of Environmental Regulation.

This waiver shall expire on the 1st day of June 19 82.

The undersigned is authorized to make this waiver on behalf of the applicant.

Dale H. Twachtman  
Signature

Dale H. Twachtman  
Name of Signee

2-19-82  
Date

Sworn to and subscribed  
before me this 19th day  
of February 19 82.

Judy A. Holsopple

Notary Public, State of Florida at Large  
My Commission Expires Oct. 12, 1985

**D.E.R.**

FEB 19 1982

SOUTHWEST DISTRICT  
TAMPA





# CITY OF TAMPA

Bob Martinez, Mayor

MCKAY BAY REFUSE-TO-ENERGY PROJECT

February 18, 1982

D.E.R.

FEB 19 1982

SOUTHWEST DISTRICT  
TAMPA

Mr. Clair Fancy  
Department of Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Mr. Fancy:

I am writing in response to our meeting of February 12, 1982 to formally request changes to the preliminary BACT/LAER determination issued for permit number AC 29-47277 for the McKay Bay Refuse-to-Energy Project. The emission levels presented in the original permit application were "expected emission" averages which do not reflect the highest emissions possible from the facility. The City has subsequently received revised estimates which more accurately predict the facility's possible emissions. Because these revised estimates will not significantly increase the impact of the facility, the City requests that the following agreed-to values be used as emission limitations under the specific conditions section of the permit application:

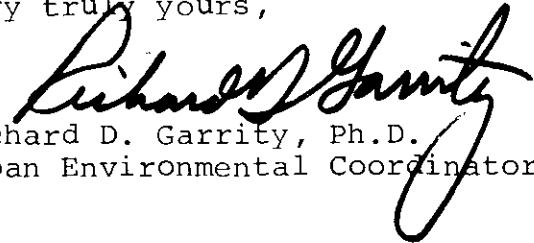
<u>Pollutant</u>	<u>Emission Limitation</u>	
Particulate	0.025g/DSCF	at 12% CO <sub>2</sub>
	30.4	lb/hr
Sulfur Dioxide	170	lb/hr
Nitrogen Oxide	300	lb/hr
Carbon Monoxide	17	lb/hr
VOC	9.0	lb/hr
Lead	3.1	
Beryllium	5	gr/24 hr period

The City recognizes that the requested changes in emission limitations may require issuance of a revised preliminary determination. Additionally, the City requests that language be added to the permit (see attached) reflecting agreed-to procedures for resolving circumstances which might arise should stack emissions exceed limitations for permitted pollutants.

Clair Fancy  
Page 2  
February 18, 1982

I wish to thank you and your staff for the time and effort you have put forth for the City's permit application. I believe the resulting permit will allow operation of the McKay Bay Refuse-to-Energy facility with minimal impact to the air quality of our City, allowing the citizens of Tampa to realize an environmentally sound technique for solid waste disposal.

Very truly yours,



Richard D. Garrity, Ph.D.  
Urban Environmental Coordinator

RDG/dw

DER  
FEB 19 1982  
SOUTHWEST DISTRICT  
TAMPA

PROPOSED ATTACHMENT TO PERMIT NUMBER AC 29-47277

It is recognized that emission limitations placed on emissions for the McKay Bay Refuse-to-Energy facility (AC 29-47277) reflect best estimates and may not precisely portray actual emissions. In the event DER determines that the emissions for any pollutant\* exceed the limits described in the permit, the following procedures will be instituted.

1. DER shall notify the City of the amount by which the permitted limit is exceeded.
2. If the amount by which the permitted limit is exceeded is less than or equal to 10% of the permitted limit, no regulatory action will be initiated.
3. If the amount by which the permitted limit is exceeded is greater than 10% of the permitted limit, DER shall determine whether the excess emissions will cause a violation of FAAQS, NAAQS, PSD increments, or NESHAP Standards. If the excess emission does not cause violation of NAAQS, FAAQS, PSD increments or NESHAP standards then the emission limit will be adjusted to the higher emission level.
4. If the excess emissions are determined to violate FAAQS, NAAQS, PSD increments or NESHAP Standards, DER will notify the City and the City will take actions to attempt to correct the emission violation.

\*Particulate emissions will not be subject to this procedure.

RECEIVED  
FEB 14 1982  
SOUTHWEST BUREAU OF  
TAMPA

Tampa Incinerator Meeting 2/12/82

Bill Thomas	DER/BAQM	488-1344
Ray Moreau	DER/solid waste	488-0300
Easel Roberts	HDR	402-344-1374
John Svec	DER - BAQM	488-1344
Ed Palagyi	" "	"
Tom Rogers	" "	"
Clair Jarey	" "	"
Joe Murdoch	City of Tampa	813-223-0771
Rik Garity	"	813-223-8216



*Smallwood  
p.h.*



# CITY OF TAMPA

Bob Martinez, Mayor

Water Resources and Public Works

Dale Twachtmann  
Administrator

February 5, 1982

**RECEIVED**  
FEB 8 1982

Victoria J. Tschinkel  
Secretary  
Department of Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Office of the Secretary

Dear Ms. Tschinkel:

I am sending this letter as a supplement to my letter of 3 February, 1982 concerning DER's preliminary BACT and LAER determinations for the City of Tampa's applications to construct air pollution sources. Subsequent to the transmittal of the 3 February letter, it was brought to our attention that the City's request for an informal meeting and extension of our appeal time limit would require specific language and reference to the Florida Administrative Code.

By our letter of 3 February, therefore, the City is requesting an extension of the 14 day appeal period to appeal the DER preliminary BACT and LAER determinations. We are requesting an extension of 15 days (to 19 February, 1982), under section 17-1.29, to provide time to hold meetings with the DER Bureau of Air Quality staff. The City has several concerns over the determinations and we feel these concerns may be addressed by an informal meeting rather than through the administrative hearing process. As stated previously, should the Department refuse our request for a time extension to address these concerns, the City wishes the letter of 3 February, 1982 to be considered a petition for administrative hearing as stipulated under section 28-5.15FAC.

**DER**

FEB 10 1982

**BAQM**

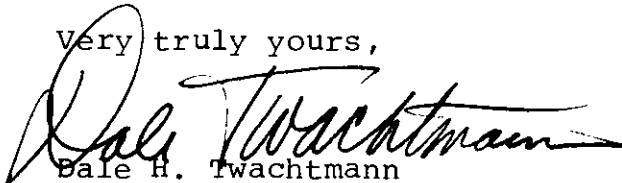
Victoria J. Tschinkel

Page 2

February 5, 1982

Again, my staff will be contacting the Bureau of Air Quality shortly to arrange for the meeting mentioned above. Thank you for your time and consideration.

Very truly yours,



Dale H. Twachtman

Administrator, Water Resources and Public Works

DHT/dw

cc Dan Williams  
Martha Hall  
Lee Torens  
Clair Fancy



E. Roberts

February 4, 1982

Water Resources and Public Works  
City of Tampa  
City Hall Plaza - Eighth Floor, North  
Tampa, FL 33602

RECEIVED  
FEB 5  
LEGISLATIVE

Attention: Mr. Dale Twachtmann, Administrator

Subject: HcKAY BAY REFUSE-TO-ENERGY PROJECT  
AIR QUALITY PERMITTING - WHI COMMENTS

Dear Mr. Twachtmann:

Waste Management, Inc. has reviewed the Preliminary Determination package received at our February 1st, 1982 meeting. We have requested some additional documentation (including the original permit applications), in order to complete our evaluation. However, at this point due to the relatively short period remaining in the final approval cycle, we feel that we must go on record with respect to the following items:

1. The emission limitations imposed by the Preliminary Determination differ significantly from the best estimates offered by WHI in our October 12th, 1981 and December 21st, 1981 proposals.

The following table indicates the variances for Facility 1:

Pollutant	Permit Limitations		WHI Proposal Form 9	
	Maximum Hourly Rate (lb./hr.)	Maximum Annual Rate (TPY)	Best Estimate (@ 1000 TPD) lb./hr.	Range (@ 1000 TPD) lb./hr.
Particulate	30.4	133.3	20.83	16.0-25.0
Sulfur Dioxide	165.1	722.0	145.8	120-170
Nitrogen Oxides	206.4	903.0	258.3	210-300
Carbon Monoxide	13.3	58.0	16.6	12.5-17.0
VOC	7.3	32.0	8.33	
Lead	3.1	13.6	N.A.	
Mercury (Vaporous)	0.4	1.8	N.A.	

John Svec Steve Smallwood  
p.h.



# CITY OF TAMPA

C.F. - P. - File 55-3-8-82

Bob Martinez, Mayor

Water Resources and Public Works

RECEIVED  
FEB 8 1982

Dale Twachtmann  
Administrator

DER

February 3, 1982

Office of the Secretary

FEB 3 1982  
SOUTH WEST DISTRICT  
TAMPA

Victoria J. Tschinkel  
Secretary  
Department of Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Dear Ms. Tschinkel:

By this letter the City requests an informal meeting with the Bureau of Air Quality to discuss the Department's Preliminary BACT and LAER Determinations for the City's applications to construct an air pollution source. In requesting this meeting, the City wishes to maintain its right to appeal the determinations and understands that the time period during which the City can appeal the decision will be extended to a point in time after the informal meeting.

Should the Department determine that the informal meeting procedure is not appropriate, the City wishes this letter to be considered as a petition for an administrative hearing as stipulated under Section 28-5.15 FAC.

My staff will be contacting DER shortly to arrange for the informal meeting addressed above. Thank you for your time and consideration.

Very truly yours,

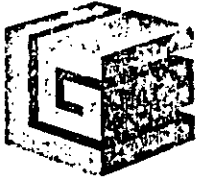
Dale H. Twachtmann  
Administrator, Water Resources and Public Works

DHT/dw

cc Dan Williams  
Martha Hall  
Lee Torens  
Clair Fancy

DER  
FEB 10 1982  
BAQM





# GARDINIER INC.

Post Office Box 3293

Tampa, Florida 33602

Telephone 813-281-1101

Telex 51101

Fax 813-281-1101

Circle 10

January 28, 1982

Mr. Joe Murdoch  
Resource Recovery Management Analyst  
McKay Bay Refuse to Energy Project  
City Hall Plaza 5N  
Tampa, Florida 33602

Re: TSP Offsets

Dear Joe:

This is to confirm our phone conversation of January 28, 1982 and to respond to the letter from Mr. Richard Garrity, dated October 14, 1982.

Gardiner has been making a number of changes that will greatly reduce particulate emissions. However, during the permitting process, Gardiner did not officially ask for offsets to be banked. Assuming there were none, then we have no offsets available.

I apologize for not answering sooner, however, I did not think a negative reply would be of help.

Very truly yours,

A. E. Morrison  
Manager, Environmental Services

AEM:rw  
cc: Mr. Rudy J. Cabina