

ALLEGHENY COUNTY HEALTH DEPARTMENT

IN RE:

Chambers Development Company)	PLAN APPROVAL ORDER
Allegheny County)	AND AGREEMENT NO. 253
310 Leger Road)	<u>UPON CONSENT</u>
North Huntingdon, PA 15642)	

AND NOW, this 30th day of December, 1996,

WHEREAS, the Allegheny County Health Department, (hereafter referred to as "Department"), has determined that the Chambers Development Company, Inc. (hereafter referred to as "Chambers"), 310 Leger Road, North Huntingdon, PA 15642, is the owner and operator of a Municipal Solid Waste Landfill at 600 Thomas Street Monroville Borough, Allegheny County, PA 15146 (hereafter referred to as "the facility"), is a major stationary source of volatile organic compounds (hereafter referred to as "VOCs") emissions as defined in Section 2101.20 of Article XXI, Rules and Regulations of the Allegheny County Health Department, Air Pollution Control (hereafter referred to as "Article XXI"); and

WHEREAS, the Department has determined that Section 2105.06.a. of Article XXI, entitled "Major Sources of NO_x & VOCs" is applicable to Chambers's operations at this facility; and

WHEREAS, Chambers promptly submitted to the Department all documents required by Section 2105.06.b of Article XXI (hereafter referred to as "the proposal"); and

WHEREAS, the Department, after a review of the submitted proposal, has determined the proposal to be complete; and

WHEREAS, the Department has further determined, after review of the submitted proposal, that it constitutes Reasonably Available Control Technology (hereafter referred to as "RACT") for control of VOC emissions from the facility; and

WHEREAS, the Department and Chambers desire to make enforceable details of the submitted proposal by entry of an Plan Approval Order and Agreement Upon Consent; and

WHEREAS, pursuant to Section 2109.03 of Article XXI, whenever the Director of the Allegheny County Health Department or his designated representative may order the person or persons responsible for the source to comply with Article XXI; and

NOW, THEREFORE, this day first written above, the Department, pursuant to Section 2109.03 of Article XXI, and upon agreement of the parties as hereinafter set forth, hereby issues this Plan Approval Order and Agreement upon Consent:

I. ORDER

- 1.1. Chambers shall, except during emergency situations requiring shutdown or periodically when shutdowns are required to perform routine maintenance, at all times have a properly maintained and operated active landfill offgas collection system which collects offgas from each cell, area or group of cells in which initial solid waste has been placed for a period equal to or exceeding five (5) years if the subject cell, area or group of cells is active or two (2) years if the subject cell, area or group of cells is closed or at grade.

- 1.2. The average facility collection system efficiency of the active offgas collection system specified in paragraph 1.1 above, shall be a minimum of seventy five (75) percent at all times.

- 1.3. The average facility-wide collection efficiency specified in paragraph 1.2 above shall be determined by calculating the VOC emission rate from the cells, areas or groups of cells treated by the offgas collection system, according to current approved U.S. EPA estimation procedures and actual collection system offgas flowrate data. Such collection efficiency determinations shall be conducted annually and reported to the Department.

1.4. Chambers shall, except during emergency situations requiring shutdown or periodically when shutdowns are required to perform routine maintenance, at all times, have a properly maintained and operated offgas control system which shall process collected offgas and meet the following reduction efficiency criteria:

A. A minimum VOC destruction efficiency of ninety-eight (98) percent, by weight percent; or

1.5. Compliance with the reduction criteria specified in paragraph 1.4 above shall be determined by emission testing. Such testing shall be conducted every five (5) years according to applicable U.S. EPA approved test methods and Section 2108.02 of Article XXI.

1.6. The collection system referenced in paragraph 1.1 above shall be operated with negative pressure at each wellhead at all times, except the following:

A. When a fire is present or when increased well temperature indicates the possibility of a fire, or

B. When a geomembrane or synthetic cover is in place, or

C. A decommissioned well may experience static positive pressure after shutdown to accommodate declining offgas flows.

1.7. Chambers shall operate each interior wellhead in the collection system specified in paragraph 1.1 above, with a landfill gas temperature less than fifty-five (55) degrees centigrade at all times and with a nitrogen level less than twenty (20) percent or an oxygen level less than five (5) percent. The facility shall monitor each well monthly for temperature and nitrogen or oxygen levels according to U.S. EPA approved methods.

1.8. Chambers shall maintain all records regarding gas monitoring data, tonnage records and waste characterization. Such records shall provide sufficient data and calculations to clearly demonstrate that all requirements of both Section 2105.06 of Article XXI and Order no. 2-- are being met.

1.9. Chambers shall retain all records required by both Section 2105.06 of Article XXI and Order No. 2-- for the facility for at least 2 years and shall make the same available to the Department upon request.

II. AGREEMENT

The foregoing Order shall be enforced in accordance with and is subject to the following agreement of the parties, to wit:

- 2.1. The contents of this Order shall be submitted to the US EPA as a revision to the Commonwealth of Pennsylvania's SIP.
- 2.2. Failure to comply with any portion of this Order or Agreement is a violation of Article XXI that may subject Chambers to civil proceedings, including injunctive relief, by the Department.
- 2.3. This Order does not, in any way, preclude, limit or otherwise affect any other remedies available to the Department for violations of this Plan Approval Order and Agreement or of Article XXI, including, but not limited to, actions to require the installation of additional pollution control equipment and the implementation of additional corrective operating practices.
- 2.4. Chambers hereby consents to the foregoing Order and hereby knowingly waives all rights to appeal said Order, and the undersigned represents that he

is authorized to consent to the Order and to enter into this Agreement on behalf of Chambers.

~~2.5. Chambers acknowledges and understands that the purpose of this Agreement is to establish RACT for the control of emissions of VOCs from this facility. Chambers further acknowledges and understands the possibility that the U.S. EPA may decide to not accept the Agreement portion of the Plan Approval Order and Agreement by Consent as a revision to the Commonwealth of Pennsylvania's SIP.~~

IN WITNESS WHEREOF, and intending to be legally bound,
the parties hereby consent to all of the terms and conditions of
the foregoing Plan Approval Order and Agreement as of the date of
the above written.

CHAMBERS DEVELOPMENT COMPANY

By: 

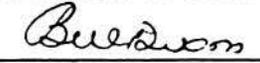
(signature)

Print or type Name: MICHAEL T RUDA

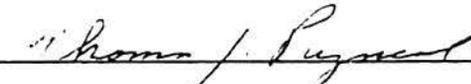
Title: DISTRICT MANAGER

Date: 12/17/96

ALLEGHENY COUNTY HEALTH DEPARTMENT

By:  12/20/96

Bruce W. Dixon, M.D., Director
Allegheny County Health Department

and By: 

Thomas J. Puzniak, Engineering Manager
Air Quality Program