



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: ARTICLE 19: TITLE V FACILITY PERMIT  
Permit ID: 9-2911-00113/00039  
Effective Date: 01/27/2000 Expiration Date: 01/27/2005

Permit Issued To: AMERICAN REF-FUEL CO  
15990 NORTH BAKERS LANDING #200  
HOUSTON, TX 77079

Contact: WILLIAM T. GLEASON  
100 ENERGY BLVD @ 56TH STREET  
NIAGARA FALLS, NY 14304

Facility: AMERICAN REF-FUEL CO NIAGARA,PL  
100 ENERGY BLVD AT 56TH STREET  
NIAGARA FALLS, NY 14304

Description:  
American Ref-Fuel Company of Niagara LP  
Title V Permit  
Site Description

The Niagara Resource Recovery Facility consists of two identical DBA mass burn furnace/boiler systems which together have a permitted throughput capacity of 821,250 tons of solid waste per year. In addition, the facility includes the use of three other boiler systems as follows: Boiler R1B02 for the combustion of fossil fuels(natural gas or low sulfur distillate) and /or alternate fuels; Boiler R1B01 for the combustion of fossil fuels(natural gas or low sulfur distillate only); and Boiler 110 for the combustion of low sulfur distillate oil. Other equipment at the site includes all auxiliary equipment that is needed to operate the DBA systems and the three other boiler systems. The site supplies steam contractually to several customers. Excess steam is directed to two turbine generators which generate electricity for use in the plant with the surplus sold to the local utility.

The two identical DBA systems represent the emission unit(U-00001), and a single emission point(00001). Emission unit(U-110EF) represents the alternate fuel system emission point(R1B02), the fossil fueled boiler emission point(R1B01), and Boiler 110 emission point(00003). Emission unit(U-ASHBD) represents the exhaust from the ash loadout building and emission point(00006).

Several activities which previously have been cited in the facility's air permits are now either trivial or exempt. Trivial activities include the tipping hall roof exhaust fans, maintenance shop ventilation, and a tank which contains chemical used in the selective non-catalytic reduction pollution control equipment. In addition there are several exempt sources including diesel and fuel oil storage tanks, a 10,000 gallon caustic storage tank, two lime storage silos, and a non-contact water cooling tower.

The facility was originally permitted under the Prevention of Significant Deterioration(PSD) regulations, 40