



Balboa Pacific Corporation

TECHNOLOGY VALIDATION AND TEST DATA

In addition to Balboa Pacific's own analytical data on exhaust emissions and solid byproducts, the following reports prepared by independent certified environmental companies and laboratories are available upon request.

1. **URS**
Validation of Previous Monitoring Reports for the Bal-Pac 2000 Pyrolysis Plant, December 2002
2. **Sandia National Laboratories**
Performance testing of a laser induced breakdown spectroscopy (LIBS) based continuous metal emission monitored at a Pyrolytic Waste Treatment facility. Sandia Report: SAND 97-8270 UC-402, July 1997. Department of Energy hired Sandia National Laboratories to conduct the testing.
3. **Dames & Moore: Source Test Report**
Using Pyrolytic Thermal Conversion System, various Metals Emissions were tested processing tires and spent Catalyst, April 1997.
4. **Dames & Moore: Source Test Report**
Pyrolytic Thermal Conversion Unit, Using a Municipal Waste Feed. April 14, 1997
5. **Dames & Moore: Source Test Report**
PCB treatability demonstration test on the Pyrolytic Thermal Conversion Unit complete with a Thermal Oxidizer and Liquid Feed.
6. **Dames & Moore: Source Test Report**
PCB treatability demonstration test on the Pyrolytic Thermal Conversion Unit complete with a Thermal Oxidizer and Solid Feed; Prepared for Balboa Pacific, February 1996.
7. **John L. Hunter & Associates: Source Test Report**
Effluent air sampling and analysis from Pyrolytic Thermal Conversion Unit: Prepared for Balboa Pacific, December 1995.
8. **Pacific Environmental Services: Source Test Report**
Measurement of toxic metals, particulate matter, nitrogen oxides, sulfur dioxide, carbon monoxide and total hydrocarbons from the exhaust of the Pyrolytic Thermal Conversion Unit; Prepared for Balboa Pacific, October 1995.
9. **Pacific Environmental Services: Source Test Report**
Measurement of particulate matter, nitrogen oxides, sulfur dioxide, carbon monoxide and total hydrocarbons from the exhaust of the Pyrolytic Thermal Conversion Unit; Prepared for Balboa Pacific, February 1995.
10. **Pacific Environmental Services: Source Test Report**
Measurement of particulate matter, chromium, manganese, copper, lead, zinc, nickel, cadmium, nitrogen oxides, carbon monoxide and hydrocarbons from the exhaust of the Pyrolytic Thermal Conversion Unit; Prepared for Balboa Pacific, February 1995.
11. **Scientific Associates: Capability Evaluation**
Response to request for scientific opinion regarding the application of Balboa Pacific's Pyrolytic Gasification technology in the eradication of the chemical defoliant Agent Orange; February 4, 2000.