



**U.S. Department of Energy
National Energy Technology Laboratory**

**Early Entrance Co-Production Plant –
Decentralized Gasification Cogeneration
Transportation Fuels and Steam From Available
Feedstocks**

DOE Cooperative Agreement DE-FC26-00NT40693

**Quarterly Technical Progress Report
July to September 2001**

Waste Processors Management, Inc.
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ABSTRACT

Waste Processors Management, Inc. (WMPI), along with its subcontractors Texaco Power & Gasification, SASOL Technology Ltd., and Nexant Inc. entered into a Cooperative Agreement DE-FC26-00NT40693 with the U. S. Department of Energy (DOE), National Energy Technology Laboratory (NETL) to assess the techno-economic viability of building an Early Entrance Co-Production Plant (EECP) in the United States to produce ultra clean Fischer-Tropsch (FT) transportation fuels with either power or steam as the major co-product. The EECP designs emphasize on recovery and gasification of low-cost coal waste (culm) from coal clean operations and will assess blends of the culm and coal or petroleum coke as feedstocks.

The project is being carried out in three phases. Phase I involves definition of concept and engineering feasibility study to identify areas of technical, environmental and financial risk. Phase II consists of an experimental testing program designed to validate the coal waste mixture gasification performance. Phase III involves updating the original EECP design, based on results from Phase II, to prepare a preliminary engineering design package and financial plan for obtaining private funding to build a 5,000 BPD coal gasification/liquefaction plant next to an existing co-generation plant in Gilberton, Schuylkill County, Pennsylvania.

The current report is WMPI's second quarterly technical progress report. It covers the period performance from July 1, 2001 through September 30, 2001.

TABLE OF CONTENTS

Section		Page
1	Introduction and Summary	1-1
1.1	Introduction.	1-1
1.1.1	Phase I - Concept Definition and RD&T Planning	1-1
1.1.2	Phase II - R&D and Testing.....	1-1
1.1.3	Phase III – Preliminary Engineering Design	1-2
1.2	Summary	1-2
2	Phase I Task 3 – System Technical Assessment.....	2-1
2.1	Ash Fusion Temperature Prediction for EECP Coal Feeds	2-1
2.1.1	Summary of Results and Applications	2-1
2.1.2	Methodology Review and Ash Fusion Temperature Correlations	2-4
2.1.2.1	Coal Ash Fusion Data	2-5
2.1.2.2	Correlation Assessment and Accuracy	2-9
2.1.3	Conclusion	2-17
2.2	Preliminary EECP Plant Balances	2-19
2.2.1	EECP Configuration.....	2-19
2.2.2	Preliminary EECP Plant Balance Summary	2-21
3	Phase I Task 4 - Feasibility Design Package Development	3-1
4	Phase I Task 5 - Market Analysis.....	4-1
5	Phase I Task 6 – Preliminary Site Analysis.....	5-1
5.1	EECP Large Vessel Transportation Assessment	5-1
5.1.1	Proposed EECP Site Location and Conditions	5-1
5.1.2	Summary Results	5-4
5.2	Transportation.....	5-4
5.2.1	Site Access by Truck.....	5-4
5.2.2	Site Access by Rail.....	5-5
5.2.3	Site Access by Barge.....	5-5
5.2.4	Ports of Import	5-6
5.3	Reactor and Transportation Cost Estimates	5-6
6	Project Management.....	6-1
6.1	Biweekly Project Status Report.....	6-1

6.2	Project Milestones Plan and Log.....	6-1
7	Experimental	7-1
7.1	Executive Summary.....	7-1
7.2	Experimental	7-1
7.3	Results and Discussion.....	7-1
7.4	Conclusion.....	7-1
7.5	References	7-1

List of Figures

- Figure 2-1 100% Anthracite Culm – Ash Fusion Fluid Temperature versus Limestone Addition
- Figure 2-2 Blend of 75% Anthracite Culm plus 25% Petroleum Coke – Ash Fusion Fluid Temperature versus Limestone Addition
- Figure 2-3 Comparison of 100% Anthracite Culm and Blend of Culm with Petroleum Coke - Ash Fusion Fluid Temperature versus Limestone Addition
- Figure 2-4 Comparison of Direct WR Correlations and Measured Pennsylvania Coal Data
- Figure 2-5 Comparison of Indirect WR Correlations and Measured Pennsylvania Coal Data
- Figure 2-6 Comparison of Average WR Correlations and Measured Pennsylvania Coal Data
- Figure 2-7 Comparison of Direct WR Correlations and Nexant International Coal Data
- Figure 2-8 Comparison of Indirect WR Correlations and Nexant In-House Coal Data
- Figure 2-9 Comparison of Average WR Correlations with Nexant In-House Coal Data
- Figure 2-10 Comparison of Direct WR Correlations and WMPI/EECP Coal Data
- Figure 2-11 Comparison of Indirect WR Correlations and WMPI/EECP Coal Data
- Figure 2-12 Comparison of Average WR Correlations and WMPI/EECP Coal Data
- Figure 2-13 Overall EECP Process Configuration
- Figure 2-14 EECP Block Flow Diagram – Gasification Section
- Figure 2-15 EECP Block Flow Diagram – FT and PWU Sections
- Figure 5-1 Map of Gilberton and Selected EECP Site Location (1)
- Figure 5-2 Map of Gilberton and Selected EECP Site Location (2)

List of Tables

Table 1-1	Scope of Work Task Summary
Table 2-1	List of Potential EECF Feedstock Data
Table 2-2	List of Potential Fluxant Properties
Table 2-3	Ash Fusion Temperatures – Laboratory Synthesized Blends
Table 2-4	EECF Blend Feedstock Data
Table 2-5	Summary of Correlation Assessment – Feedstock Average and Standard Deviations
Table 5-1	FT Vessel Fabrication, Transportation and Erection Cost Estimates