



City of Cleveland Memorandum
Frank G. Jackson, Mayor

To: Barry A. Withers
Director of Public Utilities

From: Ivan Henderson *IH*
Commissioner of Cleveland Public Power

Date: June 15, 2010

Subject: MSWE Project Development

The MSWE development team is working with Princeton Environmental Group (PEG) and its subcontractors to develop the Facility Design for the MSWE Project. PEG has completed Task One, start up activities, under the Facility Design Agreement. Those activities include personnel selection and hiring, selection of project subcontractors and meeting documentation requirements. The balance of 2010 will be primarily on Task Two design activities. Those activities include the following with due dates as shown:

- 1. City & Regional Regulation Study & Interpretation (08/05/2010)**
 - a. Regulations on Waste Collection and Handling (08/05/2010)
 - b. City and State Definition of Waste Material (08/05/2010)
 - c. Laws and regulations in Waste Handling and Disposal (08/05/2010)
- 2. Ridge Road Transfer Station Re-planning (09/05/2010)**
 - a. Transfer Station Survey and Study (09/06/2010)
 - b. Transfer Station Current Operation Study (09/06/2010)
 - c. Transfer Station Design and Planning (09/06/2010)
 - d. Existing Operation Planning and Relocation (09/06/2010)
 - e. Location Usage and Planning (09/06/2010)
- 3. Technology Identification & Descriptions (09/06/2010)**
 - a. Definition of Primary Waste Group Identification (09/06/2010)
 - b. Waste Material Composition Study and Data Collection (09/06/2010)
 - c. Waste Process Approach and Benefits (09/06/2010)
 - d. Key Technology Selection and Identification (09/06/2010)
- 4. Facility Design and Layout (12/06/2010)**
 - a. Facility Overall Design and Planning (12/06/2010)
 - b. Facility Sectional Design and Layout (12/06/2010)
 - c. Sectional Design, Planning and Layout (12/06/2010)

- | | |
|--|---------------------|
| 5. Facility Performance and Economy | (12/06/2010) |
| a. Facility Key Functions and Performances | (12/06/2010) |
| b. Facility Operating Thru-puts and Benefits | (12/06/2010) |
| c. End Product Marketability and Revenue Estimates | (12/06/2010) |

The City and PEG will be in discussions with the Ohio EPA August through September leading up to the filling of the application which is tentative, planned for the fourth quarter of this year. Upon receipt of the air permit, which could occur in January of next year, the City will have to decide what it will do going forward.