

WastePro Memorandum

To: Richard Gladstein (ENRD), Department of Justice

From: Jeff Karnes

Date: March 12, 2007

Re: Hazardous Waste Receipts into MSP Data: 1985-1990, 1991 and 1992-1996

The purpose of this project is to produce a list of the generators that sent hazardous waste into the Marine Shale Processors Inc (MSP) plant in Amelia, LA, USEPA ID: LAD98105776. The information was obtained from three distinct data sets: 1985 through 1990 facility reports, 1991 facility reports, and 1992 through 1996 hazardous waste manifests.

The following reports listed below are provided in this package in Adobe Acrobat .pdf format. These files can be viewed with the Acrobat reader available free on the internet. Each data set is presented with two to three different views. They cannot be modified. However, they can be printed and are searchable

- MSP Waste Receipts - 1985-1990 Top 500 Ranked
- MSP Waste Receipts - 1985-1990 Top 500 Alphanumeric
- MSP Waste Receipts - 1991 Top 500 Ranked
- MSP Waste Receipts - 1991 Top 500 Alphanumeric
- MSP Waste Receipts - 1991 Top 500 EPA_ID
- MSP Waste Receipts - 1992-1996 Top 500 Ranked
- MSP Waste Receipts - 1992-1996 Top 500 Alphanumeric
- MSP Waste Receipts - 1992 -1996 Top 500 EPA_ID

The 1992-1996 tables were published in an earlier draft with the memo, "Hazardous Waste Receipts into MSP 1992 through 1996" from Jeff Karnes to Richard Gladstein (ENRD), Department of Justice, December 18, 2006. These tables have had only minor revisions. The process for developing this data was detailed in another memo, "Hazardous Waste Receipts into MSP 1992 through 1996: Report Development Process" from Jeff Karnes to Richard Gladstein (ENRD), Department of Justice, December 13, 2006, also attached.

The 1985 to 1990 data was provided by DOJ in the file Total waste by Generator.pdf. This file contained generator names and volumes in tons from the original hard copy facility reports for MSP for the years 1985 through 1980. EPA_IDs and other fields were not included. This data was ranked to create a Top 500 list. The data was not summed by year. For example, Laidlaw

TOC in Roebuck, SC appears four times in the Top 500 because of significant shipments in four different years. The year associated with each record is not available without returning to the hardcopy files. The data is further complicated by inconsistencies in recording the facility name or actual changes in ownership in the 1985 to 1990 period. For example, Laidlaw TOC appears under four variants of its name (e.g., Thermal Oxidation, TOC). Even with this double counting of sites, all sites generating more than 20 tons in a year are included. Further refinement of the data by consolidating site volumes across years would not significantly improve its utility.

Earlier analyses were based on incomplete data for 1991. This was rectified by using MSP's 1991 Reuse/Recycle Facility Annual Hazardous Waste Report. The report contains a Form WR: Waste Received From Off Site for every individual waste stream shipped into MSP in 1991. Each page includes the generator US EPA ID, applicable waste codes, the volume shipped in tons, and EPA's processing code. The hard copy of this 6,722-page report was scanned into a raw database format. It was converted into a relational Access database using similar procedures to those utilized for the 1992-1996 data. Additionally, the same procedures were used to validate the data and close data gaps. Region VI again provided assistance in adding names and addresses to EPA_IDs. Individual stream volumes were consolidated across facilities and the resultant totals were used to create a Top 500 for 1991. All site totals greater than or equal to 2.90 tons are included in the Top 500.