

SCOPE OF PROJECT

The baseline used to determine the percentage of waste reduction for the entire planning area was not developed using data from its planning area. Six other planning area baselines were averaged and used as the baseline for Iowa Waste Systems Association. The six planning areas used include many landfills, different industrial waste generators, varying economic conditions, history, and solid waste management practices, different geographies, and populations, and therefore lacked comparability.

A baseline using data that was specific to, and thus characteristic of, the Iowa Waste Systems Association planning area was crucial for accurate waste reduction comparison and goal setting.

IMPLEMENTATION

BARKER LEMAR met with Iowa Department of Natural Resources (IDNR) staff to determine exact steps necessary to adjust the existing baseline. In 1998, community and business leaders were interviewed to determine existing recycling conditions for the planning area. Waste generators and recyclers were again interviewed to update information to achieve specific waste generation figures for the planning area.

Recycling history, current recycling efforts, and current waste generation information was collected to determine the new waste generation baseline.

By establishing a baseline using the recycling and waste generation information that is specific to the planning area, BARKER LEMAR proved a waste reduction percentage greater than the 50 percent required by the state.

SERVICES

Business survey development; database management; final report preparation and presentation.

TIMELINE

Project Start Date: November 2002
 Project Completed: August 2003

BASE-YEAR ADJUSTMENT METHOD REPORT TABLE

BL Update: 7/14/2003

NAME OF PLANNING AREA: Iowa Waste Systems Association

CURRENT YEAR (CY): FY2000

BASE YEAR: FY1988

FACTORS	DATA	TIME-PERIOD / SOURCE
STEP 1: Base Information		
1 Base Year Residential Waste Disposal	24,988.18	
2 Base Year Commercial/Industrial Waste Disposal	83,400.99	
3 Base Year Total Waste Disposal	108,312.88	
4 CY Waste Disposal	84,695.99	Loess Hills Regional Landfill, Anderson Encouraging, and waste going to NE
5 Base Year Population	83,886.00	
6 CY Population	87,216.00	
7 Base Year Employment	27,636.63	
8 CY Employment	35,527.85	
9 Base Year Taxable Sales	\$420,634,456	
10 CY Taxable Sales	\$844,194,192	

BASE-YEAR ADJUSTMENT METHOD REPORT TABLE

BL Update: 7/14/2003

NAME OF PLANNING AREA: Iowa Waste Systems Association

The cities of Carson, Carter Lake, Council Bluffs, Crescent, Hancock, Maquoketa, McCalland, Oakland, Treynor, Underwood, Walnut, and the unincorporated areas in Pottawattamie County, the cities of Emerson, Pacific Junction, Silver City, Glenwood, Hastings

CURRENT YEAR (CY): FY2002

BASE YEAR: FY2002

FACTORS	DATA	TIME-PERIOD / SOURCE
STEP 1: Base Information		
1 Base Year Residential Waste Disposal	70,093.20	20011 Database
2 Base Year Commercial/Industrial Waste Disposal	182,217.47	20011 Database
3 Base Year Total Waste Disposal	250,310.67	20011 Database
4 CY Waste Disposal	121,108.78	Current Year Summary
5 Base Year Population	99,771.00	Has to be same as CY
6 CY Population	99,771.00	Current Year Summary
7 Base Year Employment	39,669.72	Has to be same as CY
8 CY Employment	39,669.72	Current Year Summary
9 Base Year Taxable Sales	\$928,393,920	Has to be same as CY
10 CY Taxable Sales	\$928,393,920	Current Year Summary
11 Base Year Consumer Price Index	178,1917	20011 Database
12 CY Consumer Price Index	178,1917	Current Year Summary
STEP 2: CY Taxable Sales Corrected for Inflation		
13 Inflation Correction Factor	1.000000	

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