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NAS WHITING FIELD
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LETTER FROM U S EPA REGION IV REGARDING OUTCOME OF PRESIDENTIAL
EXECUTIVE ORDER ON ENVIRONMENTAL JUSTICE NAS WHITING FIELD FL
5/23/1995
U S EPA REGION IV



13.01.00.0061

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UNITED STATES ENVIRONMENTAL PROTEC

REGION 4

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

AUG 23 1995

4WD/FFB

Commander
NAS Whiting Field
Milton, FL 32570-6155

Dear Commander:

During the current Federal fiscal year (FY), the Environmental Protection Agency (EPA) has been significantly involved in developments leading up to issuance of Presidential Executive Order #12898 on Environmental Justice (EJ). The order directs us to look at all Agency programs with the goal of ensuring that minority and low income groups do not incur a disproportionate share of adverse human health/environmental effects associated with modern industrial activities. While EPA's EJ activity is ongoing Agency-wide with respect to the various Federal environmental statutes and the programs we operate, this letter is focused on EJ as it applies to Federal Facilities and Hazardous Waste Programs.

One EJ-related effort that is being carried out by most EPA Regions involves the use of Geographic Information Systems (GIS) mapping and demographic analysis based on U.S. Census data to produce site maps depicting minority and low income population concentrations in areas surrounding certain Federal Facilities. The results of this effort, conducted for you installation, are enclosed for your inspection.

EPA believes that these maps and other sources of information comprise useful tools that can be used by Public Information and Community Participation staffs at you facility to reach out, particularly to the low income and minority communities, when making decisions concerning cleanup activities and other issues. The maps are provided on a cooperative basis, to assist you in the development of your programs.

It is anticipated that FY-96 will see a dramatic increase in the number of Restoration Advisory Boards (RABs) that will operate at Federal Facilities in Region 4. We expect to actively participate in these RABs, certainly at NPL (Superfund) and BRAC sites, and to a more limited extent, at the others.

It is our belief that now is the right moment to be alert to opportunities to enhance EJ, during formation and/or meeting of RABs. We will identify several priority sites in Region 4 and provide EPA personnel - Remedial Project Managers and Community Relations Coordinators - to work with you and local communities to enhance low income/minority representation and participation in your Restoration Advisory Board. We welcome your assistance and suggestions regarding selection for these facilities.

Should you require more information or wish to discuss this matter further, please contact Tiki Whitfield, Community Relations Coordinator at (404) 347-3555, x2045. Please respond within 30 days of your receipt of this letter.

Sincerely,



Jon D. Johnston, Chief
Federal Facilities Branch
Waste Management Division

Enclosures

cc: Patricia Durbin, PAO
Jim Cason, FL
Jeff Adams, SOUTHDIV

Whiting Field (EJ)
Milton, Santa Rosa County, Florida

CPA ID NUMBER: NONE

Facility Type: NONE

Latitude: 30 42 36 N
Longitude: 87 0 10 W

Distance From Site	Population Density / SQM	Minority Percent	Poverty Percent	HS INC Percent	POPULATION	
					Total	Minority
Census Block	47	19	8	17	1,311	257
3 TO 5 Mile	83	15	23	26	4,174	642
1 TO 3 Mile	59	18	18	24	1,494	282
0 TO 1 Mile	47	18	8	16	149	28

STATE = FL, COUNTY = SANTA ROSA
TOTAL POPULATION = 81,608
MINORITY POPULATION = 5,298
MINORITY PERCENTAGE = 6%
HIGHSCHOOL INCOMPLETE PERCENTAGE = 21%
HIGHSCHOOL COMPLETE PERCENTAGE = 78%
PERCENTAGE OF PEOPLE BELOW POVERTY LEVEL = 14
PERCENTAGE OF PEOPLE LIVING IN POVERTY THAT ARE MINORITIES = 15%
POPULATION DENSITY = 71.100 PEOPLE PER SQ. MILE

STATE = FL
TOTAL POPULATION = 12,937,926
MINORITY POPULATION = 2,182,228
MINORITY PERCENTAGE = 16%
HIGHSCHOOL INCOMPLETE PERCENTAGE = 25%
HIGHSCHOOL COMPLETE PERCENTAGE = 74%
PERCENTAGE OF PEOPLE BELOW POVERTY LEVEL = 12
PERCENTAGE OF PEOPLE LIVING IN POVERTY THAT ARE MINORITIES = 38%
POPULATION DENSITY = 186.819 PEOPLE PER SQ. MILE

Whiting Field (EJ)
Milton, Santa Rosa County, Florida

PA ID NUMBER: NONE

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Latitude: 30 42 36 N
Longitude: 87 0 10 W

Population Data estimates are derived from 1990
Block group census Data

Total Population = Total Population Field
White Population = Total White Population Field
Minority Population = (Total Population) - (White Population)
HS Complete = (Sum of people with HS diploma) + (Sum of people college educated)
HS Incomplete = Sum of people educated but without a HS diploma
Total Educated = (HS Complete) + (HS Incomplete)
Poverty Total = sum of all races and age-groups living below poverty level
Poverty White = Sum of all white age groups living below poverty level

poverty Minority = (Poverty Total) - (Poverty White)
Population Density = (Total Population) / (Square Miles of Land)

Minority Percentage = (Minority Population) / (Total Population) * 100
HS Complete percentage = (HS Complete) / (Total Educated) * 100
HS Incomplete Percentage = (HS Incomplete) / (Total Educated) * 100
Poverty Percentage = (Poverty Total) / (Total Population) * 100
Minority Poverty Percentage = (Poverty Minority) / (Poverty Total) * 100

The poverty figure assumes a family of four people and an income of 12,500 or less per year.

Method used to Calculate Summaries within 5 miles

step 1 intersect rings coverage with Population summary coverage
step 2 build resultant coverage (recalculates area within Polygon)
step 3 recalculate SQM (necessary because Pieces of block groups need to be added to generate figures)
step 4 Generate Total Population, Minority Population, Poverty Population, HS Incomplete Total.
Total Population = Population Density * SQM
Minority Population = Total Population * Minority Percentage
Poverty Population = Total Population * Poverty Percentage
HS Incomplete = Total Population * HS Incomplete Percentage
step 5 Sum totals of block group Pieces including square miles
step 6 using summary data recalculate:
Population Density = SUM-Total Population / SQM
Minority Percentage = (sum Minority Population) / (sum total Population) *100
Poverty Percentage = (Sum Poverty Total) / (Sum Total Population) *100
HS Inc Percent = (Sum HS INC) / (Sum Total Population) *100

The assumption made here is that the Census Block has an even spread of people throughout it. This then allows us to take pieces of each Census Block and make an estimate of the number of people and other parameters within that piece of the Census Block. Population Densities are computed based on land area only.