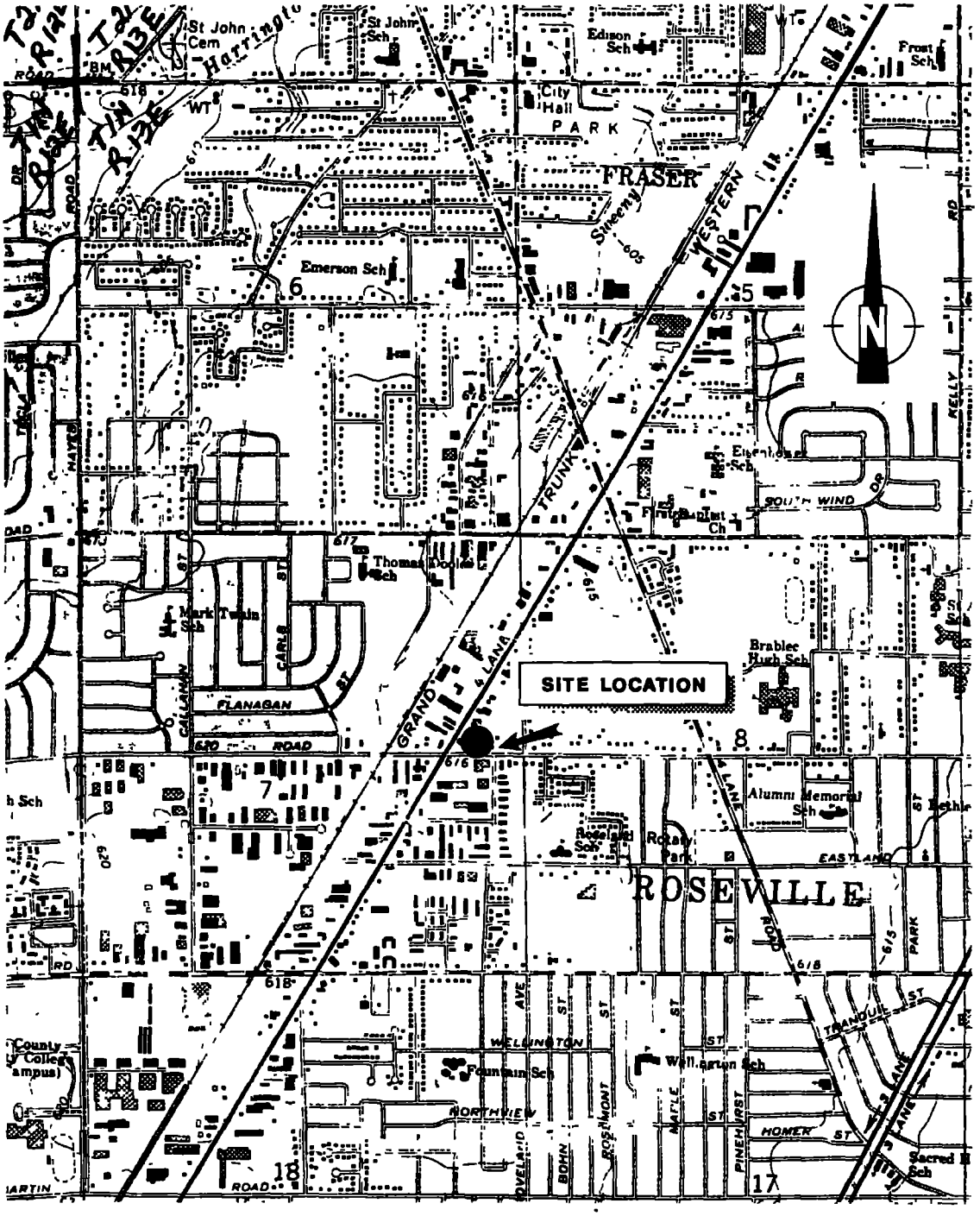


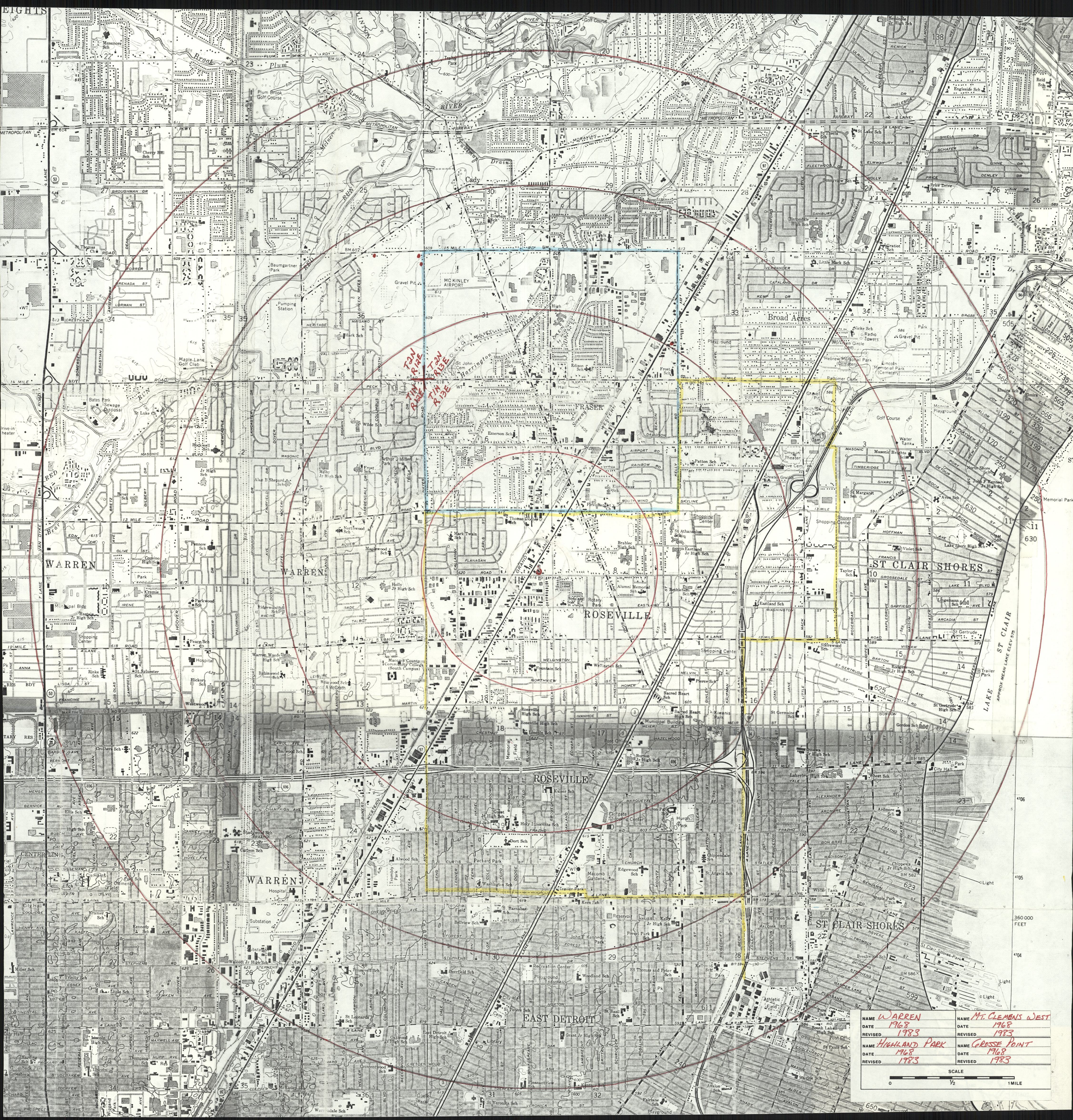
US EPA RECORDS CENTER REGION 5

519572

ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

TITLE: GENERAL SITE MAP	FIGURE #: 1
SITE: ESSEX GROUP INC.-TRIANGE PLASTICS	SCALE: 1: = 24,000
CITY: Detroit STATE: Michigan	TDD #: F05-8711-064
SOURCE: USGS Topo Map. Mt Clemons West, MI. 1983	DATE:
	REVISED:


TIN RISE
WARREN
ROSEVILLE
FRASER
ST CLAIR SHORES
EAST DETROIT
MC KINLEY AIRPORT
Cady
Broad Acres
LAKE ST CLAIR
APPROX MEAN LAKE ELEV 575
360 000 FEET
NAME WARREN
DATE 1968
REVISED 1983
NAME MT. CLEMENS WEST
DATE 1968
REVISED 1983
NAME HIGHLAND PARK
DATE 1968
REVISED 1983
NAME GROSSE POINT
DATE 1968
REVISED 1983
SCALE
0
1/2
1 MILE

Population within 1 mile radius

$$\frac{\text{Area of Fraser}}{\text{Population of Fraser}} = \frac{\text{Area of Fraser w/in 1 mile radius}}{\text{Population of Fraser w/in 1 mi radius}}$$

$$\frac{28.94\ in^2}{14,560} = \frac{3.72\ in^2}{1872}$$

$$\frac{\text{Area of Roseville}}{\text{Population of Roseville}} = \frac{\text{Area of Roseville w/in 1 mile radius}}{\text{Population of Roseville w/in 1 mi radius}}$$

$$\frac{66.52\ in^2}{54,311} = \frac{15.25\ in^2}{12,451}$$

Total population w/in 1 mile radius $1872 + 12,451 = 14,323$

POPULATION WITHIN 2 MILE RADIUS

CITY	A POPULATION	B AREA in^2	C AREA W/IN 2 MILE RADIUS in^2
Fraser	14,560	28.94	20.98
Roseville	54,311	66.52	48.71
Warren	161,134	240.47	20.80
St Clair Shores	76,210	77.44	0.39
Clinton	72,400	166.08	0.27

population w/in 2 mile radius = $(A \times C)/B$

10,555
39,770
13,938
384
118
64,765

64,765 people w/in 2 mile radius

POPULATION WITHIN 4 MILE RADIUS

CITY	A POPULATION	B AREA in^2	C AREA W/IN 4 MILE RADIUS in^2
Fraser	14,560	28.94	28.94
Roseville	54,311	66.52	66.52
Warren	161,134	240.47	87.90
East Detroit	38,280	35.65	25.92
St. Clair Shores	76,210	77.44	51.38
Clinton	72,400	166.08	47.32
Sterling Heights	108,999	249.12	30.89

population w/in 4 mile radius = (A × C) / B

14,560
54,311
58,900
27,832
50,564
20,628
13,515
240,310

240,310 people w/in 4 mile radius