

The background is a light blue gradient with several realistic water droplets of various sizes scattered across it. Some droplets are at the top, some at the bottom, and some in the middle. They have highlights and shadows, giving them a 3D appearance.

ASSESSING THE HEALTH IMPACT OF THE KINNICKINNIC RIVER CORRIDOR NEIGHBORHOOD PLAN

RYAN KARTHEISER

SIXTEENTH STREET COMMUNITY HEALTH CENTERS

- **FEDERALLY QUALIFIED HEALTH CENTER**
 - **THREE FULL-SERVICE CLINICS**
 - **OVER 30,000 PATIENTS**
 - **OFFER MEDICAL, DENTAL, BEHAVIORAL HEALTH AND OTHER PATIENT RESOURCES**
- **SERVES THE SOUTHSIDE OF MILWAUKEE**
 - **PREDOMINANTLY LATINO**
 - **PREDOMINANTLY LOW-INCOME**
 - **7,500 PATIENTS HAVE NO INSURANCE**
 - **19,000 PATIENTS WITH MEDICAID**



DEPARTMENT OF ENVIRONMENTAL HEALTH

- KINNICKINNICK RIVER CORRIDOR
 - Physical transformation of the river corridor into an asset
 - Environmental education program
 - Community Outreach & engagement to implement projects
- HARBOR DISTRICT
 - Environmental cleanup & restoration
 - New economic opportunity & public spaces
- LEAD PROGRAM
 - Lead Outreach Program
 - Growing Healthy Soils

THE KINNICKINNIC RIVER



The Old Kinnickinnic



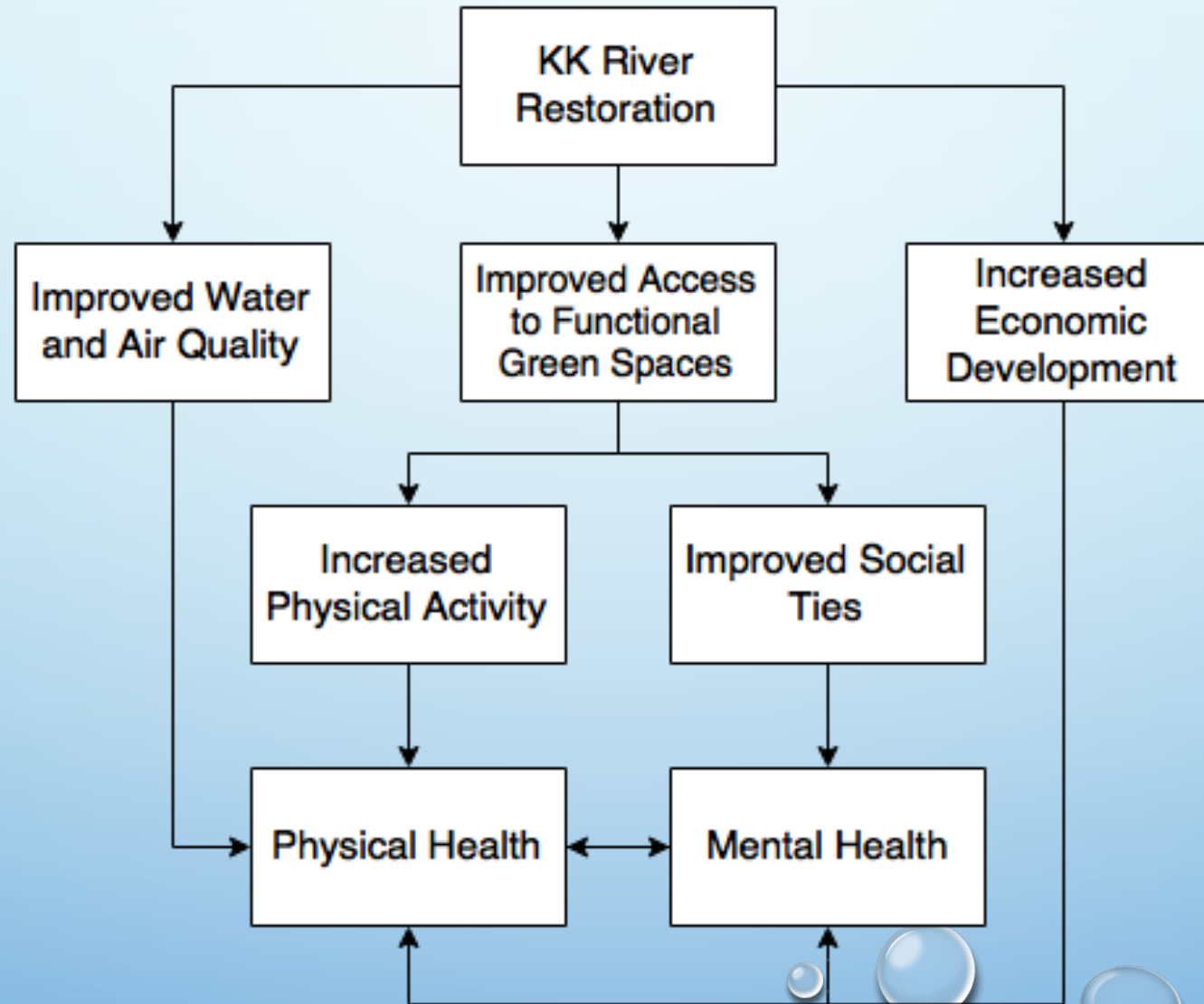
The New Kinnickinnic

KINNICKINIC RIVER CORRIDOR NEIGHBORHOOD PLAN

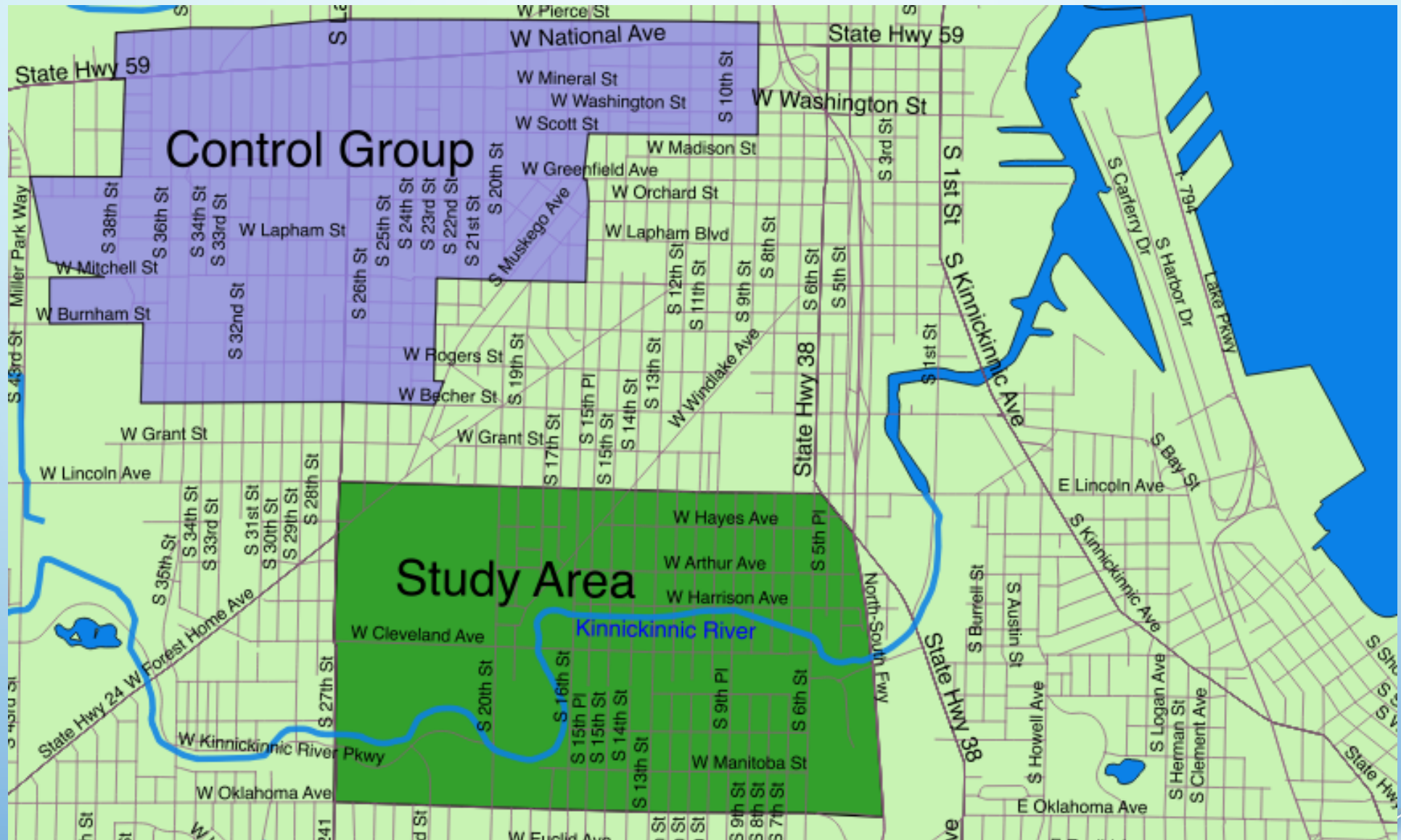


- More than Removing Concrete:
- Bike Path
 - Park Improvements
 - Community Gardens
 - Green Street Improvements
 - Business Corridor Improvements
 - New Pedestrian Bridge
 - Stormwater Management
 - Home Renovation Efforts
 - Neighborhood Redevelopment
 - Fish and Wildlife Habitat
 - Community Gathering Spaces

MODEL OF POTENTIAL IMPACT



EVALUATION OF HEALTH IMPACT



DATA SOURCES

Electronic Medical Record

Indicators:

- Obesity and Overweight
- Hypertension Prevalence and Control
- Diabetes Prevalence and Control
- Asthma Prevalence
- Depression

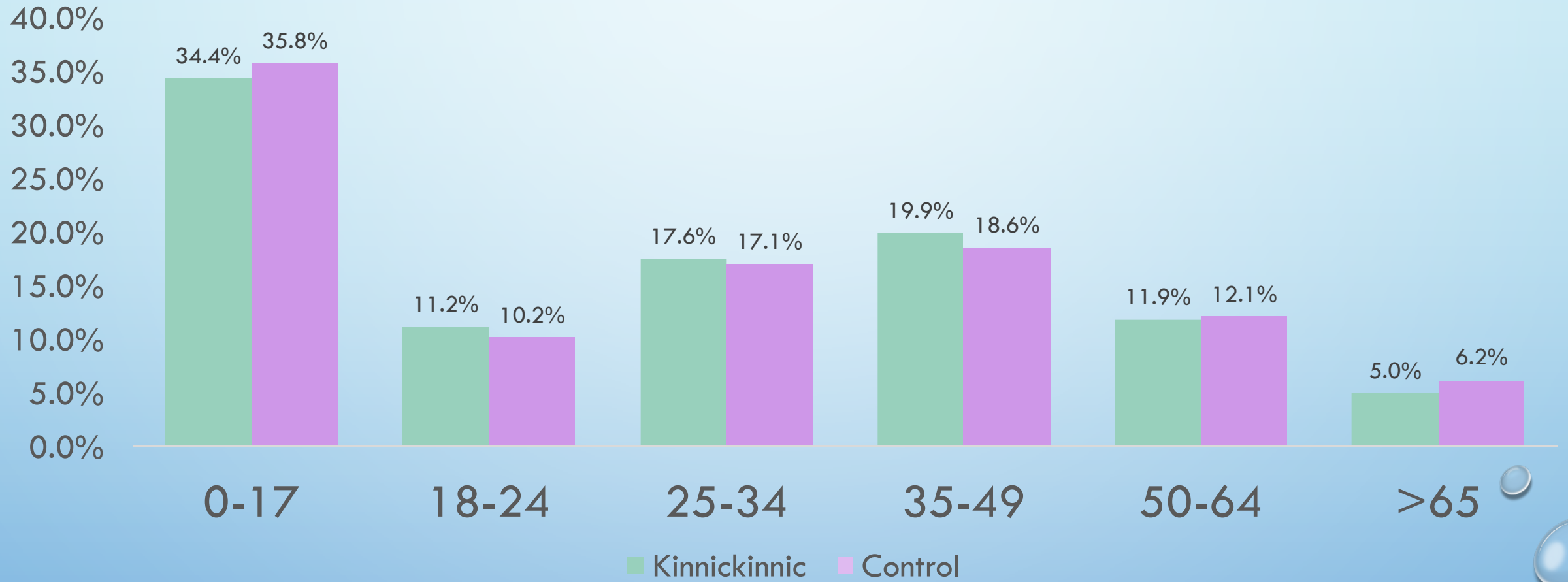
Ecologic-level Indicators:

- Milwaukee Riverkeeper Report Card
- Census Data
- Crime Statistics
- Traffic Accident Statistics
- Deaths in River
- Tree Cover and Land Use

COMMUNITY LEVEL DATA: DEMOGRAPHICS

Indicator	Kinnickinnic River Corridor	Control Group
Total Population	24,805	33,989
Mean Household Income (\$/year)	37,610	35,543
Living Below Poverty	33.3%	38.6%
Live in Owner Occupied Housing	39%	35.9%
Percent Hispanic	68.4%	67.9%
Only Spanish Spoken at Home	51%	60.2%

PATIENT DATA: AGE (YEARS)



PATIENT DATA: OBESITY AND OVERWEIGHT

Indicator	12-month Prevalence		
	Kinnickinnick River	Control Group	Wisconsin
Overweight in Adults (BMI 25-29.9)	34.4%	34.2%	36.2% ¹
Obesity in Adults (BMI > 30)	45.2%	46.2%	31.2% ¹

PATIENT DATA: DIABETES

Indicator	12-month Prevalence		
	Kinnickinnick River	Control Group	Wisconsin
Diabetes in Adults	22.4%	21.0%	9.0% ¹
Diabetic Adults with HbA1c <9	73.4%	71.8%	84.4% ² (WCHQ average)
Diabetic Adults with HbA1c <8	61.2%	57.8%	
Diabetic Adults with HbA1c <7	41.2%	36.8%	

PROJECT GOALS

- Create a system to track changes in health in the KK River Corridor over the course of the implementation
- Evaluate the health impacts of this large scale environmental project and environmental programming
- Contribute to the understanding between built environment and community health
- Communicate with medical, public health and lay communities about importance of environment health



QUESTIONS OR COMMENTS?



Photo source: <http://wuum.com/post/south-side-neighbors-engage-rebirth-milwaukees-kk-river>