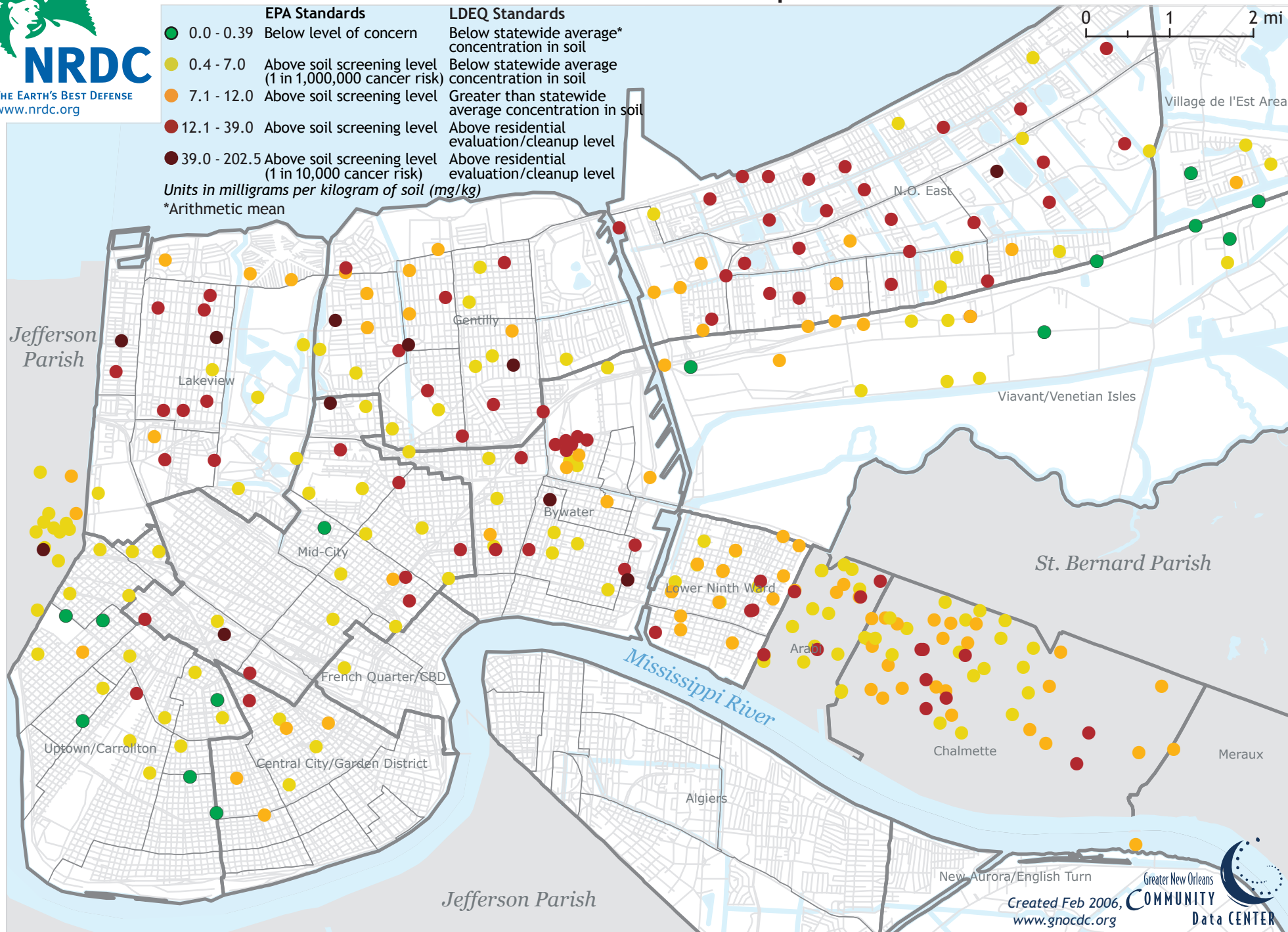


## Arsenic Levels in New Orleans Area Sediment Samples



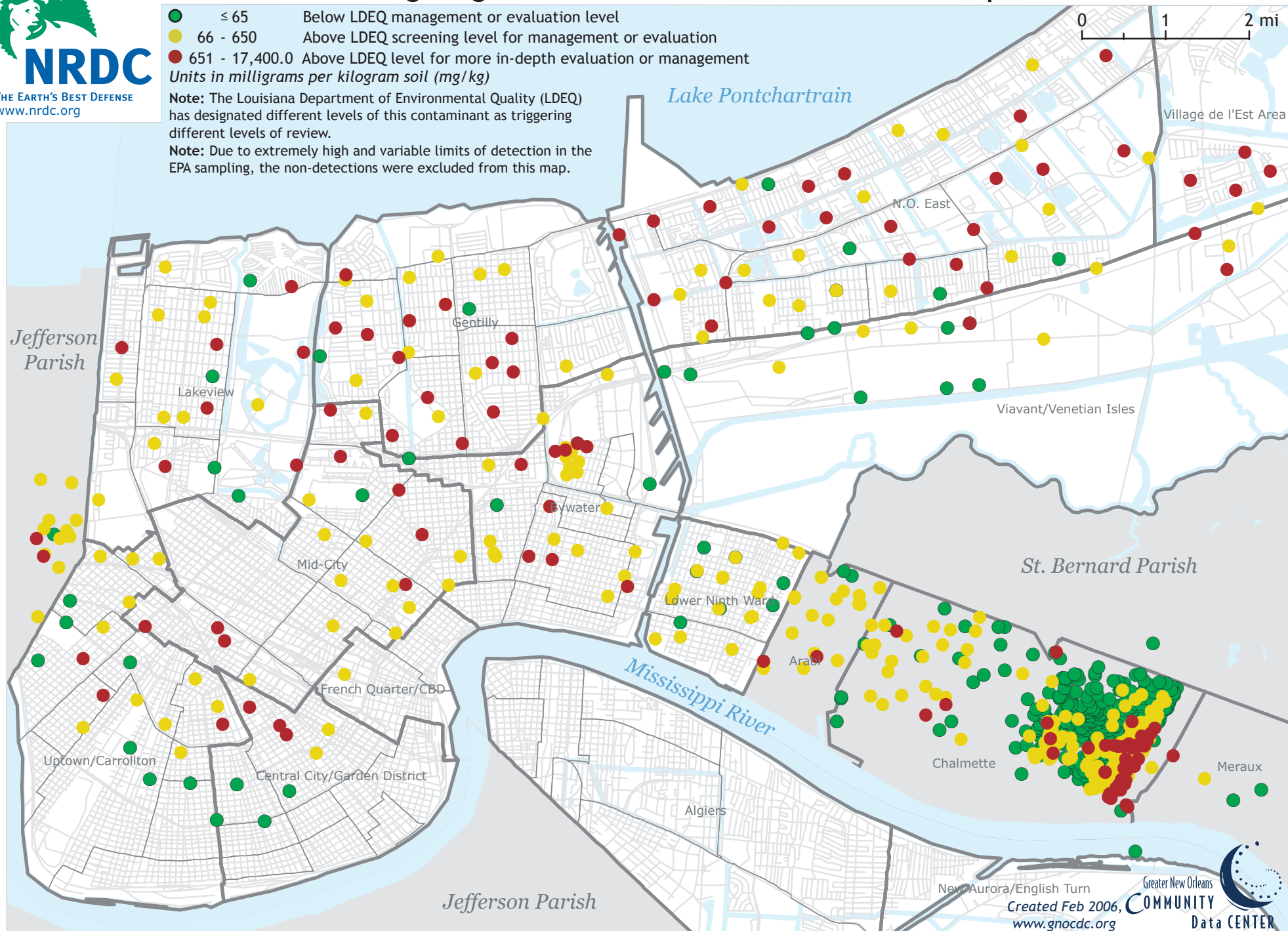
Sources: Sediment samples, Environmental Protection Agency, Sept 10, 2005-Jan 15, 2006, <[oaspub.epa.gov/storetkp/dw\\_home](http://oaspub.epa.gov/storetkp/dw_home)>; soil screening levels, Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program 2003 <[www.deq.louisiana.gov/portal/tabid/1569/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/1569/Default.aspx)> & EPA's Region 6 Human Health Medium-Specific Screening Levels <[www.epa.gov/earth1r6/6pd/rcra\\_c/pd-n/screen.htm](http://www.epa.gov/earth1r6/6pd/rcra_c/pd-n/screen.htm)>; planning districts & neighborhood boundaries, New Orleans City Planning; streets & water, Census TIGER; data analysis, NRDC.

## Levels of Diesel-Range Organics in New Orleans Area Sediment Samples

- ≤ 65 Below LDEQ management or evaluation level
  - 66 - 650 Above LDEQ screening level for management or evaluation
  - 651 - 17,400.0 Above LDEQ level for more in-depth evaluation or management
- Units in milligrams per kilogram soil (mg/kg)

**Note:** The Louisiana Department of Environmental Quality (LDEQ) has designated different levels of this contaminant as triggering different levels of review.

**Note:** Due to extremely high and variable limits of detection in the EPA sampling, the non-detections were excluded from this map.

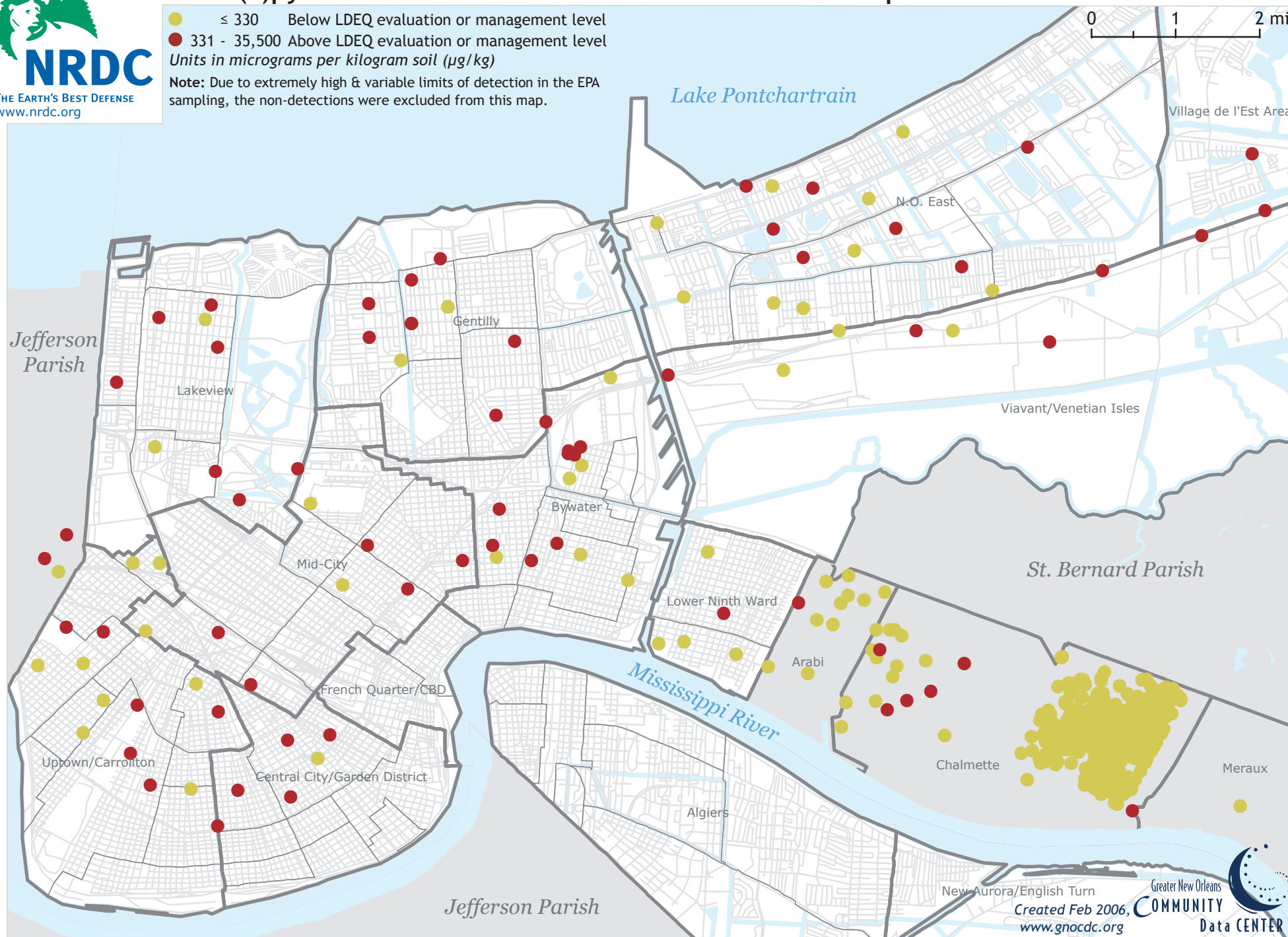


Sources: sediment samples, Environmental Protection Agency, Sept 10, 2005-Jan 15, 2006 <aspub.epa.gov/storetkp/dw\_home>; soil screening levels, Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program 2003 <www.deq.louisiana.gov/portal/tabid/1569/Default.aspx>; planning districts & neighborhood boundaries, New Orleans City Planning; streets & water, Census TIGER; data analysis, NRDC.

## Benzo(a)pyrene Levels in New Orleans Area Sediment Samples

- ≤ 330 Below LDEQ evaluation or management level
  - 331 - 35,500 Above LDEQ evaluation or management level
- Units in micrograms per kilogram soil (µg/kg)

Note: Due to extremely high & variable limits of detection in the EPA sampling, the non-detections were excluded from this map.

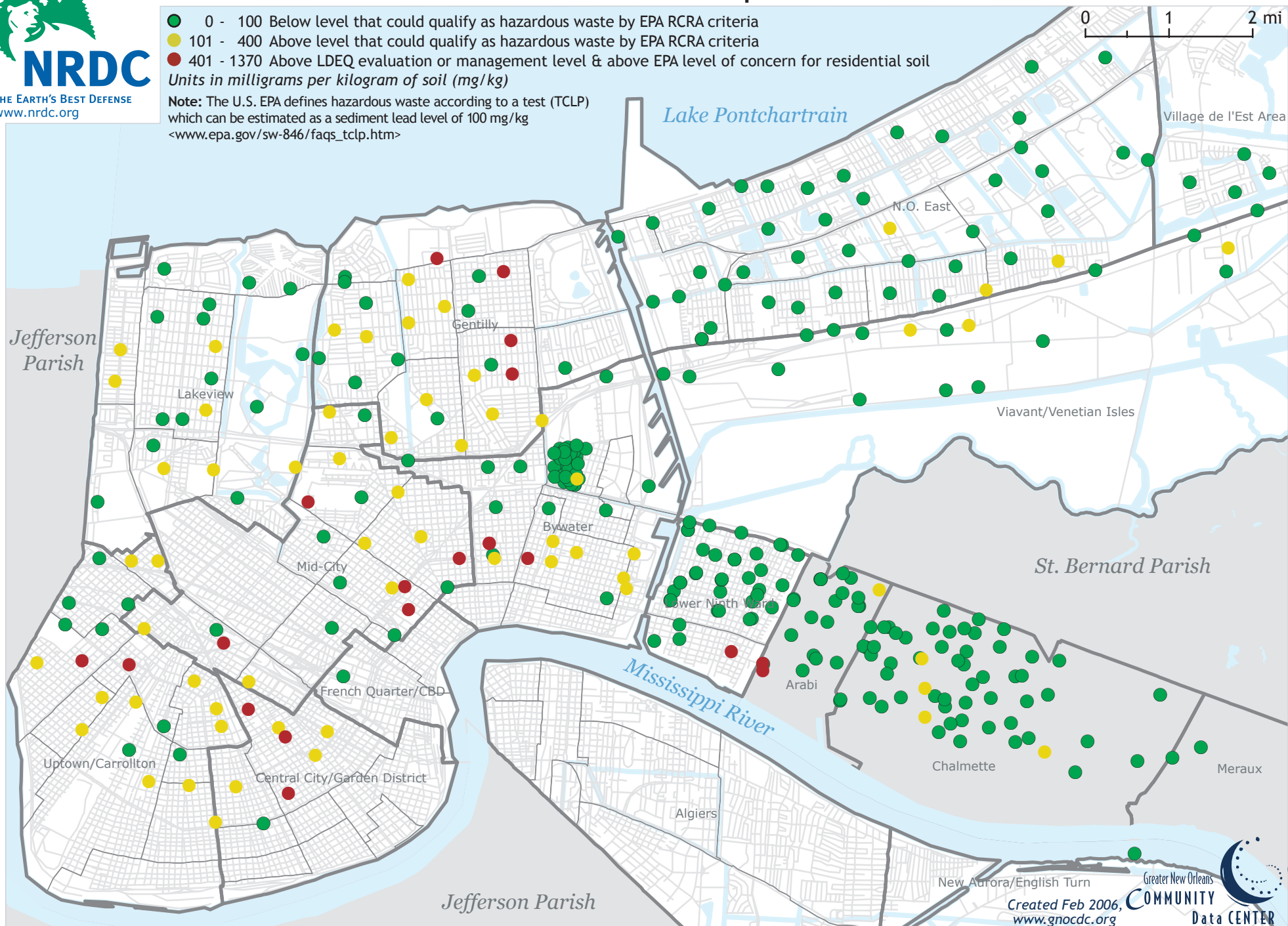


Sources: Sediment samples, Environmental Protection Agency, Sept 10, 2005-Jan 15, 2006 <[oaspub.epa.gov/storetkp/dw\\_home](http://oaspub.epa.gov/storetkp/dw_home)>; soil screening levels, Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program 2003 <[www.deq.louisiana.gov/portal/tabid/1569/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/1569/Default.aspx)>; planning districts & neighborhood boundaries, New Orleans City Planning; streets & water, Census TIGER; data analysis, NRDC.

## Lead Levels in New Orleans Area Sediment Samples

- 0 - 100 Below level that could qualify as hazardous waste by EPA RCRA criteria
  - 101 - 400 Above level that could qualify as hazardous waste by EPA RCRA criteria
  - 401 - 1370 Above LDEQ evaluation or management level & above EPA level of concern for residential soil
- Units in milligrams per kilogram of soil (mg/kg)

**Note:** The U.S. EPA defines hazardous waste according to a test (TCLP) which can be estimated as a sediment lead level of 100 mg/kg  
<[www.epa.gov/sw-846/faqs\\_tclp.htm](http://www.epa.gov/sw-846/faqs_tclp.htm)>



**Sources:** sediment samples, EPA, 9/10/05-1/15/06 <[oaspub.epa.gov/storetkp/dw\\_home](http://oaspub.epa.gov/storetkp/dw_home)>; Resource Conservation and Recovery Act (RCRA) levels <[www.epa.gov/epaoswer/osw/hazwaste.htm](http://www.epa.gov/epaoswer/osw/hazwaste.htm)>; soil screening levels, Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program 2003 <[www.deq.louisiana.gov/portal/tabid/1569/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/1569/Default.aspx)> & EPA's Region 6 Human Health Medium-Specific Screening Levels <[www.epa.gov/earth1r6/6pd/rcra\\_c/pd-n/screen.htm](http://www.epa.gov/earth1r6/6pd/rcra_c/pd-n/screen.htm)>; planning districts & neighborhood boundaries, New Orleans City Planning; streets & water, Census TIGER; data analysis, NRDC.