US ERA ARCHIVE DOCUMENT

# USEPART

# Response/Sensivitiy Atlas

Presented at

The Freshwater Spills Symposium

St. Louis, MO

**April 2009** 

Data SIO, NOAA, U.S. Navy, NGA, GEBCO Image © 2009 TerraMetrics Image © 2009 DigitalGlobe

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# R7 Sensitivity/Response Atlases

- Resource tool for spill and disaster response
- Google Earth-based display and mapping components
- Data layers can be turned on or off
- Data attributed with response pertinent information
  - emergency responder contact information
  - boom deployment strategies
- Designed and built using ESRI ArcGIS and standard HTML editing software
- Easily updated and enhanced
- Low cost and efficient maintenance.

# Sensitivity/Response Atlas Mapping Components and Layers

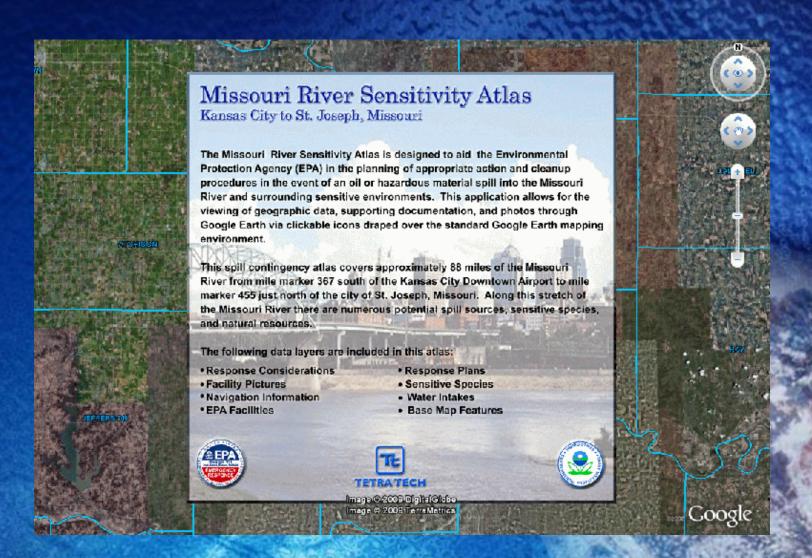
- Response consideration information and photos
  - River access points (boat ramps)
  - Mile marker, bridge, dike and levee locations
  - Booming strategies
  - River navigation maps
- Sensitive species information (NatureServe)
- Nation Pipeline Mapping System (NPMS) information
- EPA facility location and information
- Other base map layers
  - county boundaries
  - township and range
  - United States Geological Survey (USGS) topographic maps

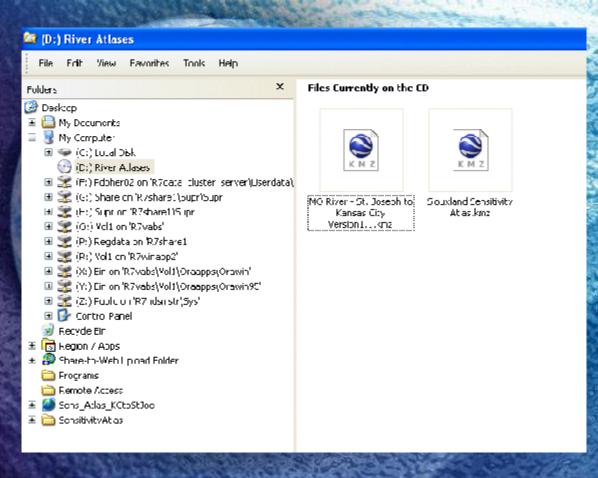
### R7 Sensitivity/Response Atlases

(projects in development)

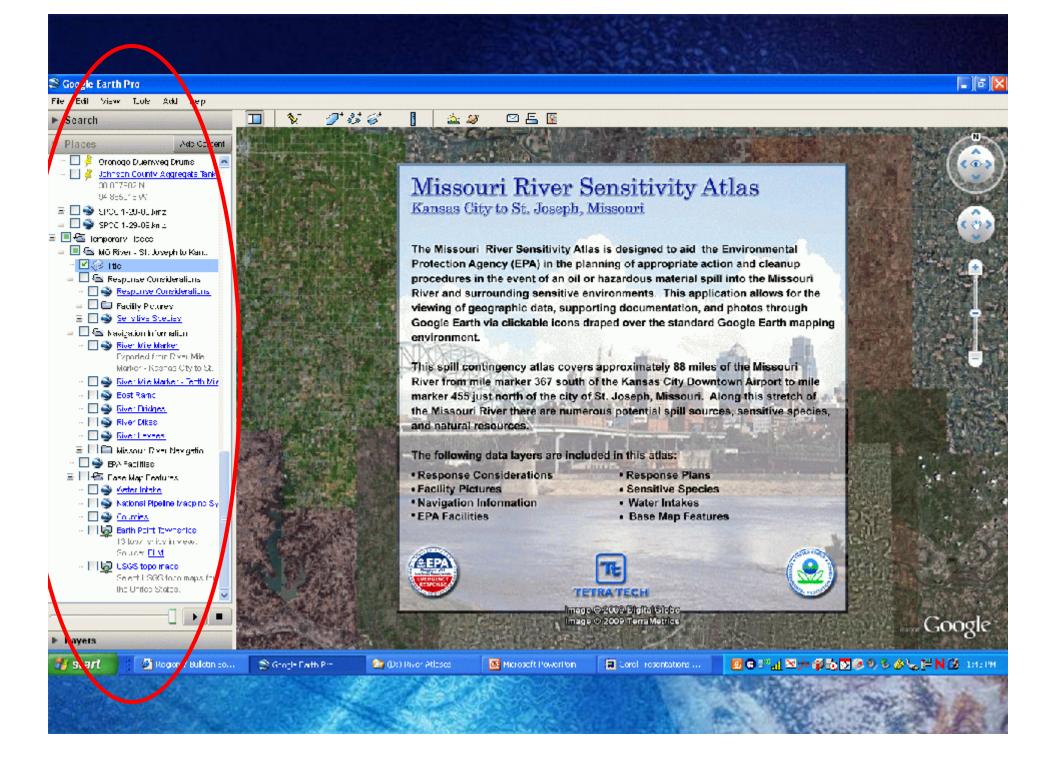
- Missouri River Kansas City to St. Joseph
- Siouxland Subarea
- Omaha/Council Bluffs Subarea
- Central Platte (NE) Subarea
- Missouri River St. Louis Subarea

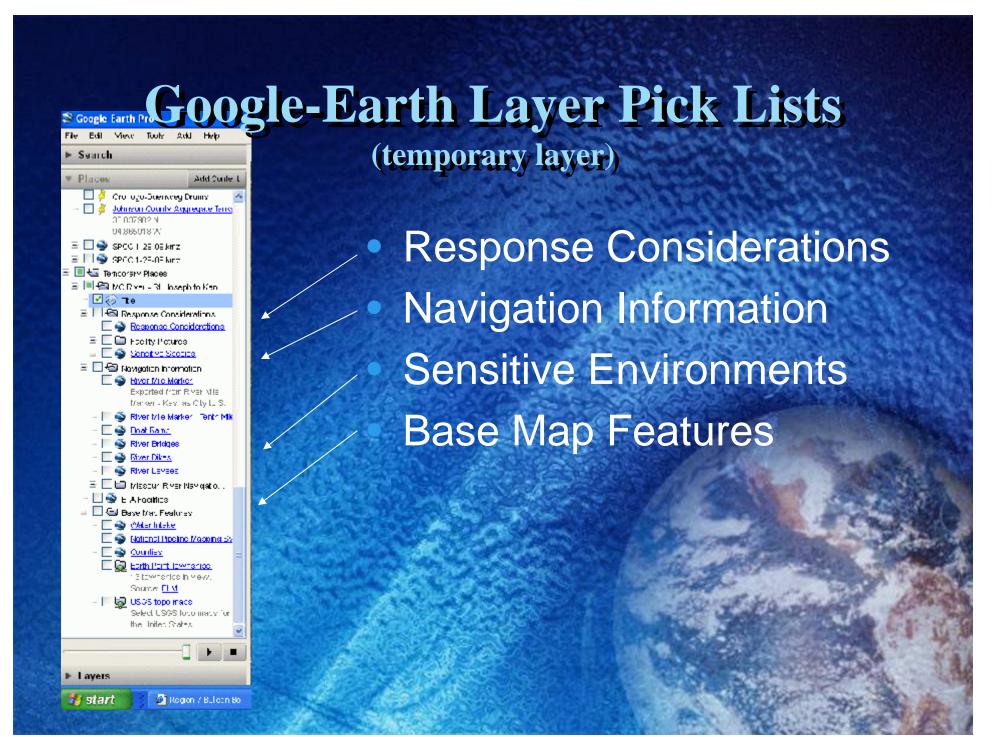
### KCMO-St. Joe MO River Atlas

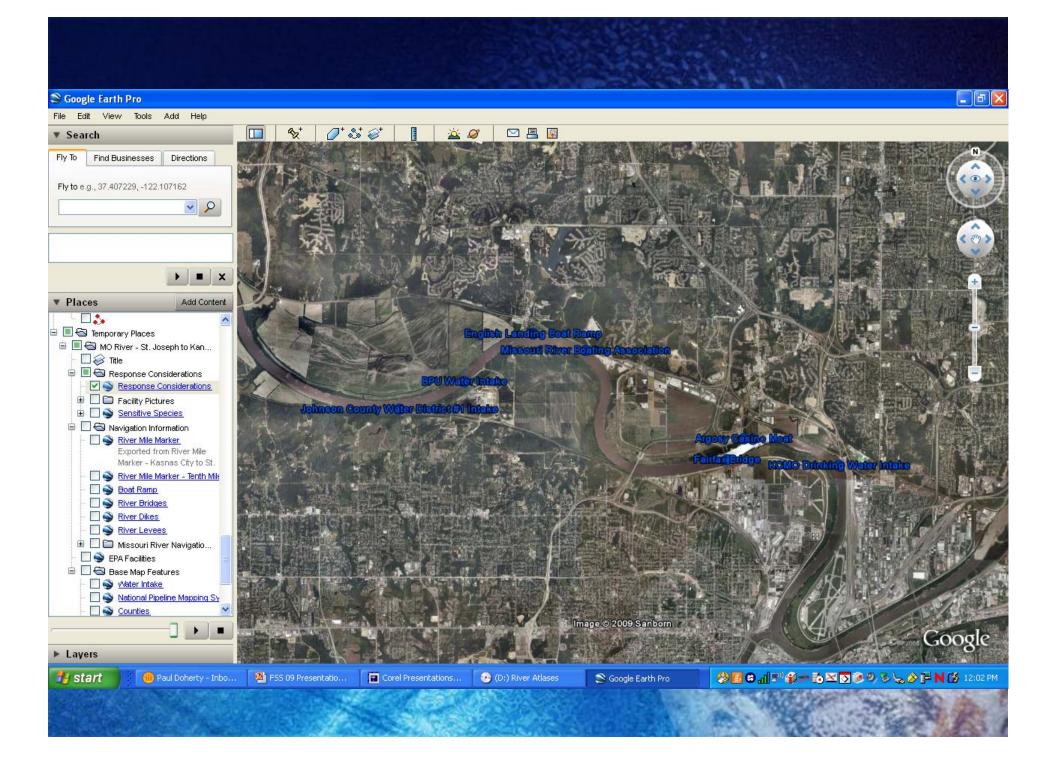




- Atlas on CD as \*kmz file
- Google Earth-based data layers
- Stand-alone or internet connectivity

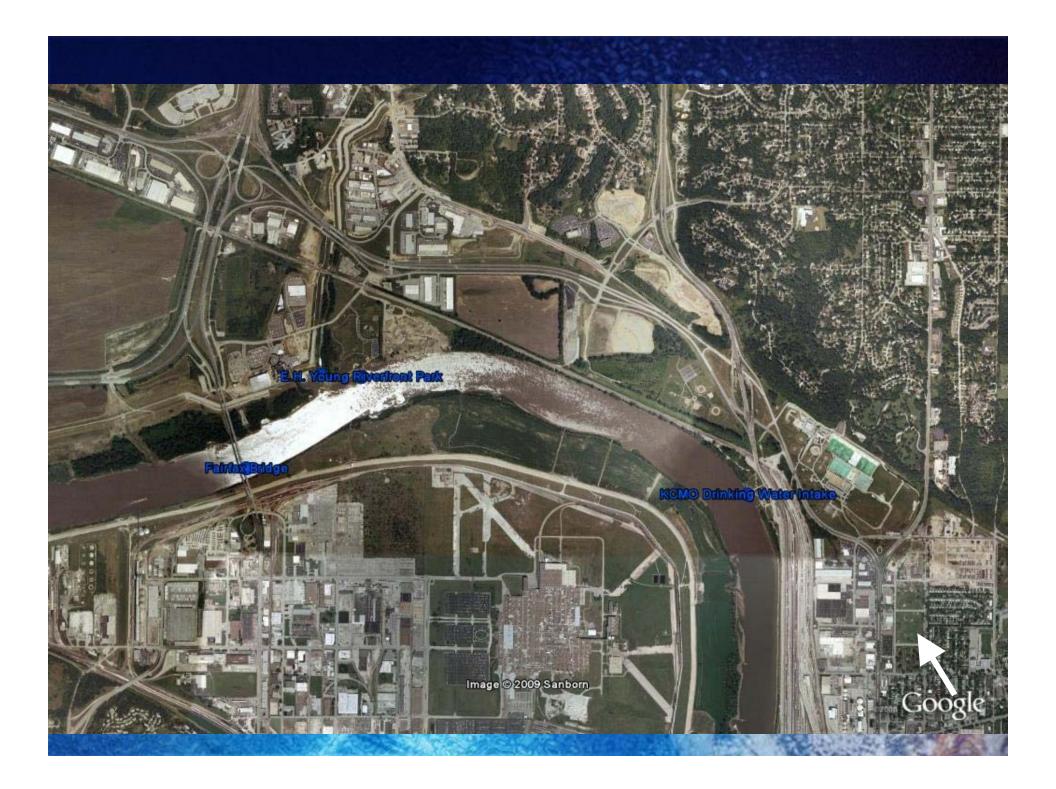


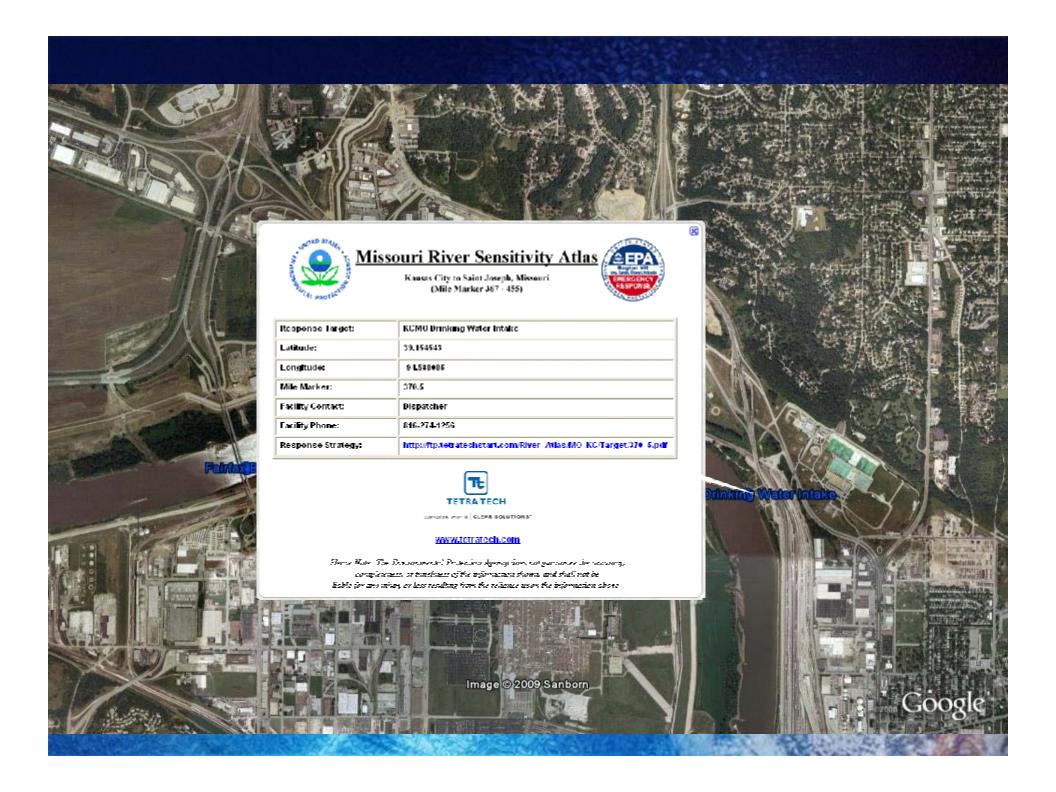














### Missouri River Sensitivity Atlas

Kansas City to Saint Joseph, Missouri (Mile Marker 367 - 455)



Response Target:	KCMO Drinking Water Intake
Latitude:	39.154543
Longitude:	-94.589095
Mile Marker:	370.5
Facility Contact:	Dispatcher
Facility Phone:	816-274-1256
Response Strategy:	http://ftp.tetratechstart.com/River_Atlas/MO_KC/Target/370_5.pdf

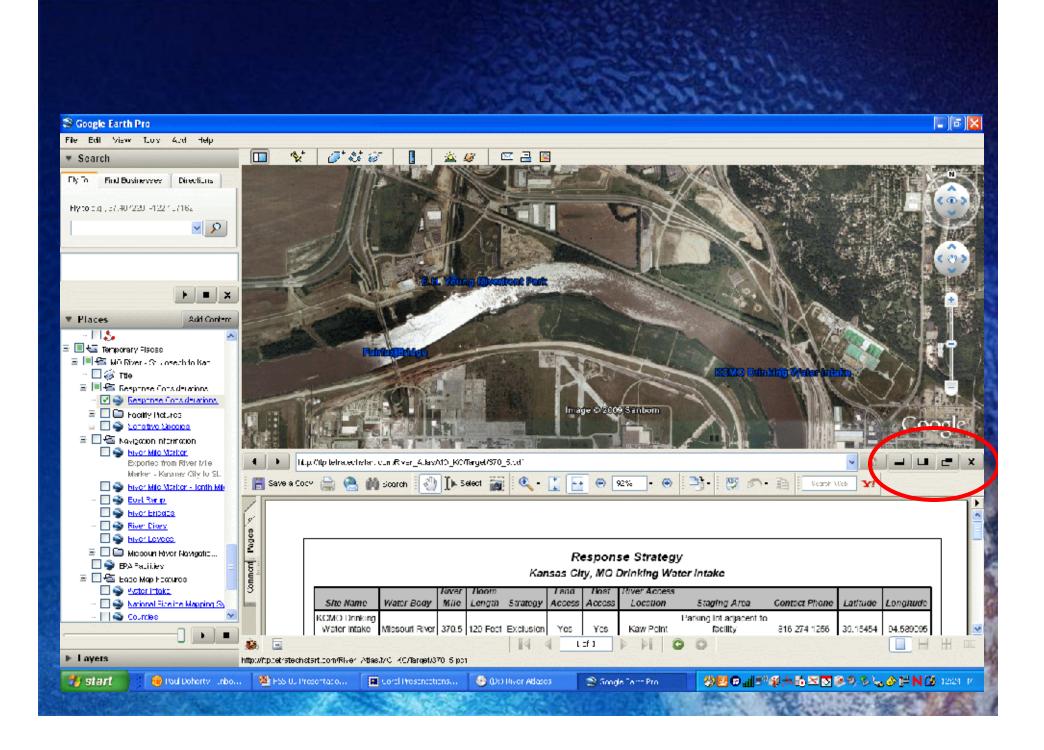


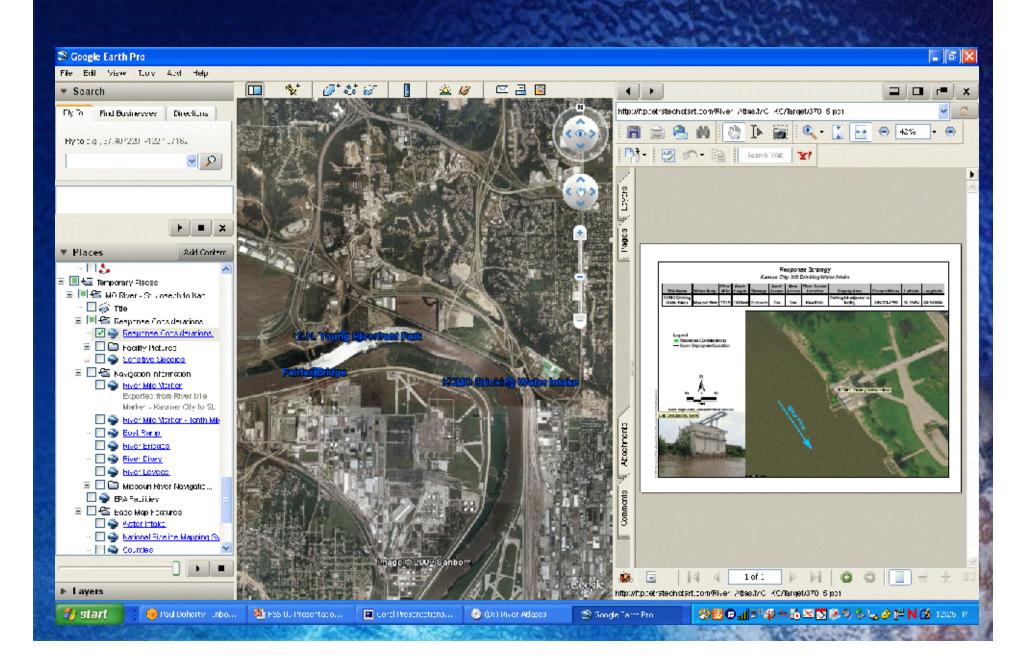
complex world CLEAR SOLUTIONS\*

### www.tetratech.com

Please Note: The Environmental Protection Agency does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any injury or loss resulting from the reliance upon the information above.

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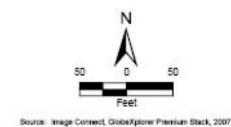


### Response Strategy

Kansas City MO Drinking Water Intake

Site Name	Water Body	VIII. (1975)	Boom Length	Strategy	200000000000000000000000000000000000000	000000000	River Access Location		Contact Phone	Latitude	Longitude
KCMO Drinking Water Intake		370.5	120 Feet	Exclusion	Yes	Yes	Kaw Point	Parking lot adjacent to facility	816-274-1256	39.15454	-94.589095

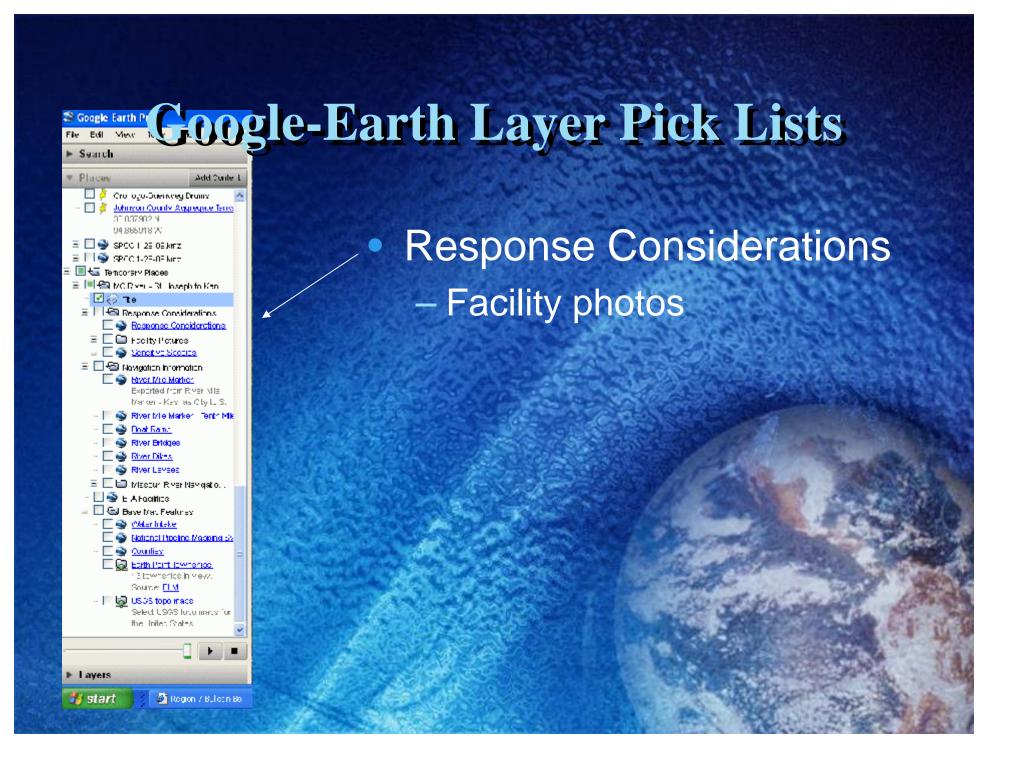


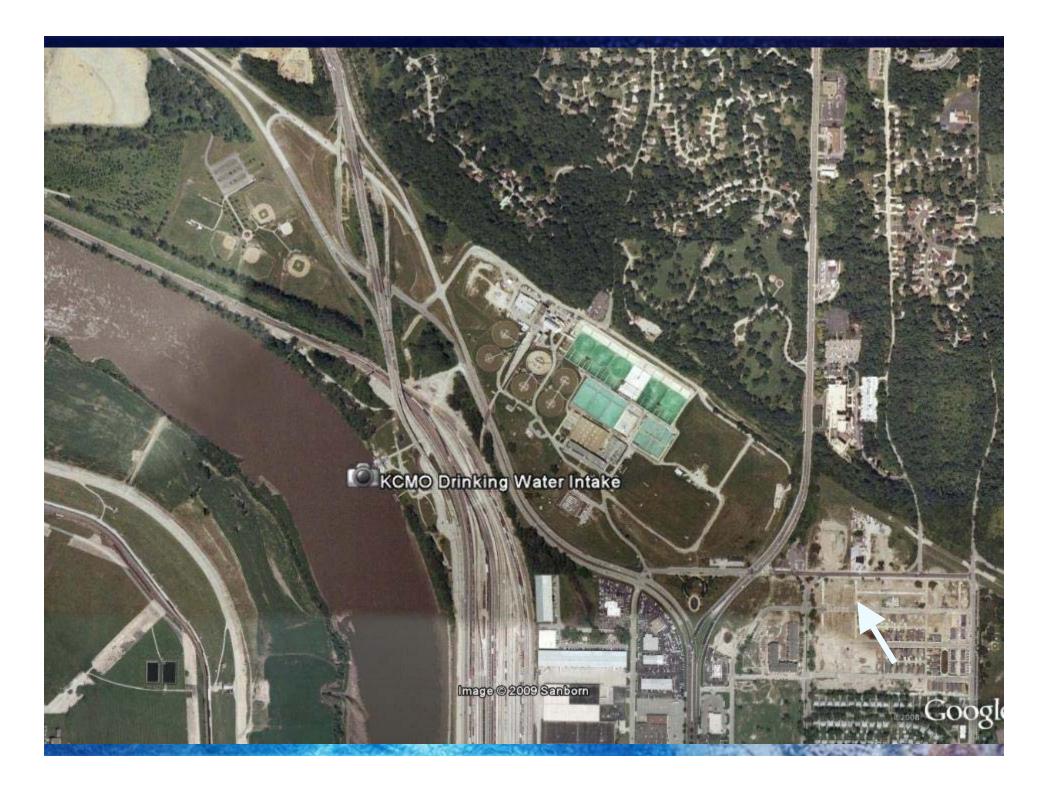


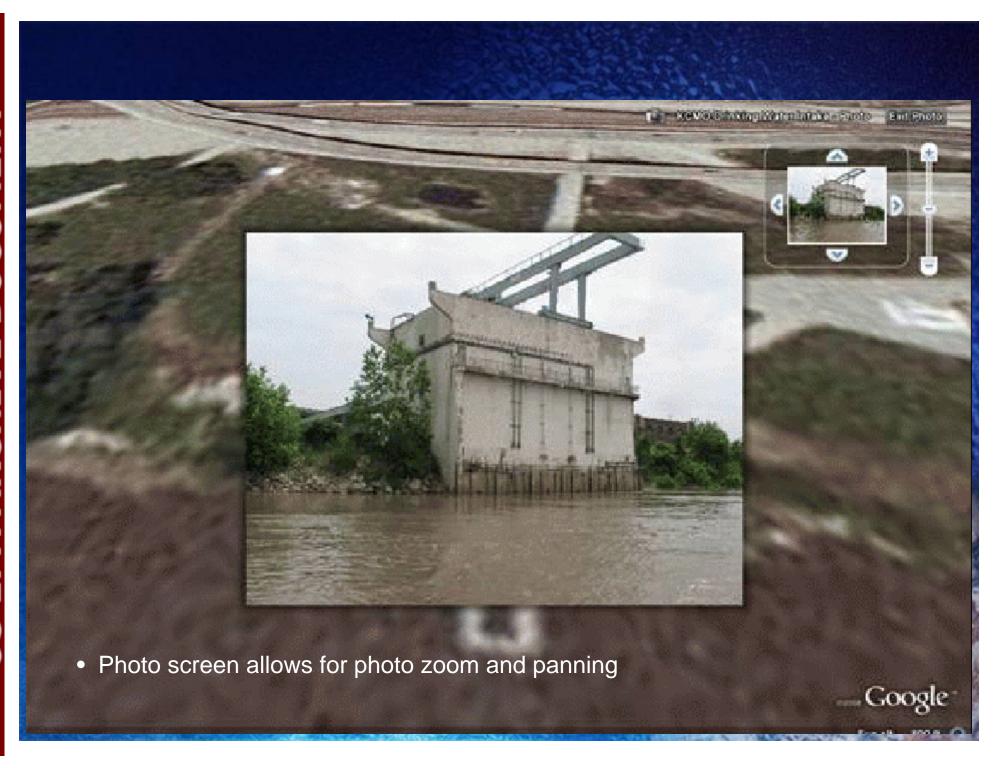


- Location ID
- photo
- aerial view
- water body
- river mile
- boom requirement
- boom strategy (protection, collection, deflection, etc.)
- land and river access
- staging area
- contact telephone number
- latitude and longitude

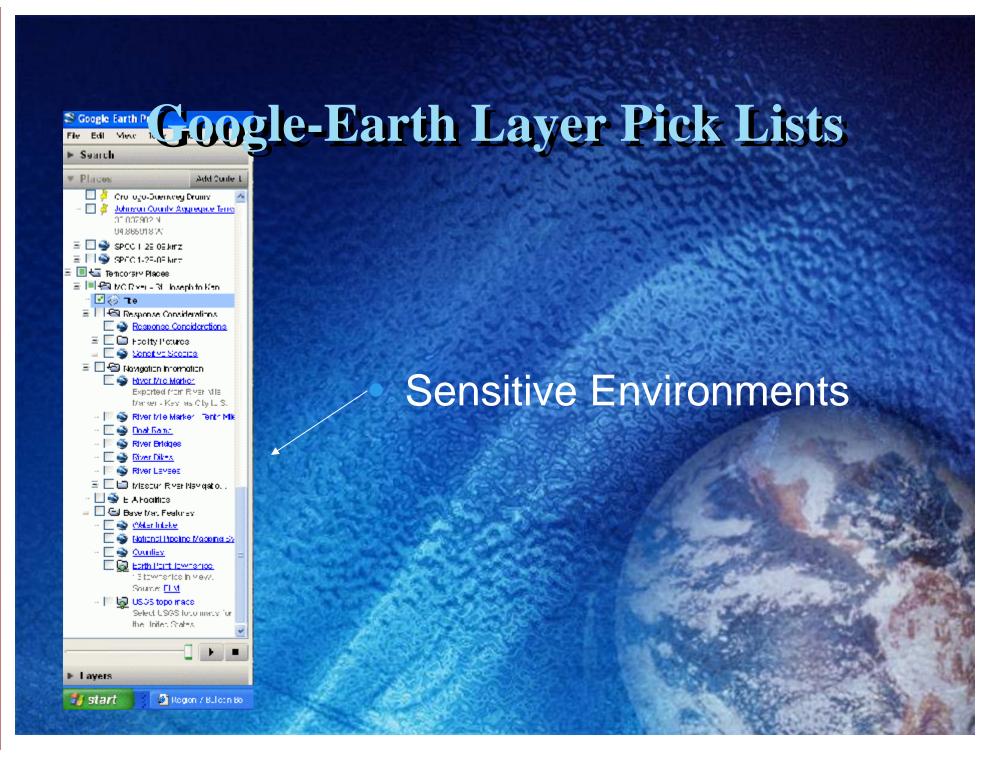
CONTRACTOR STATEMENT

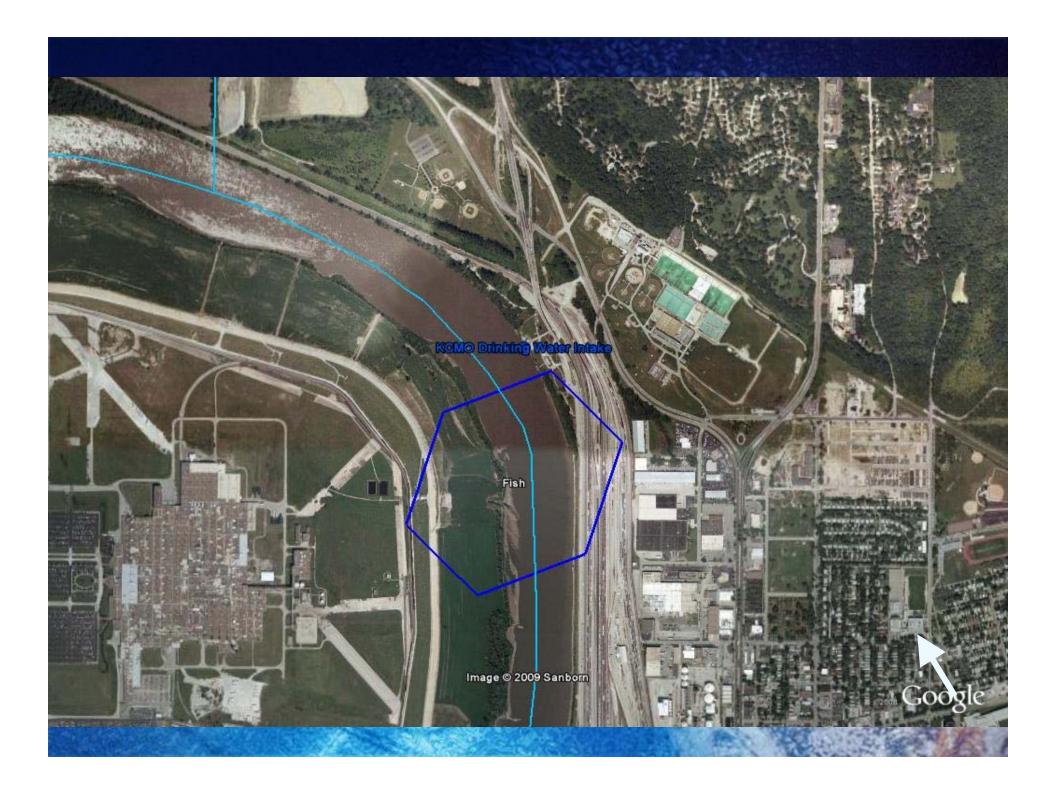


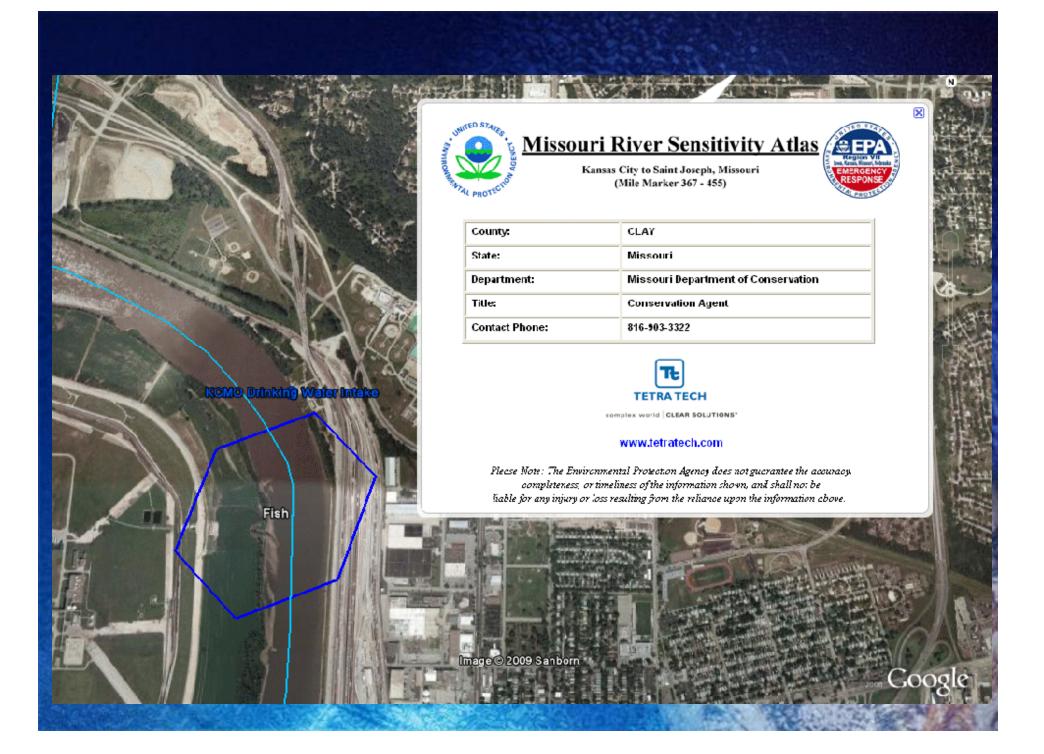


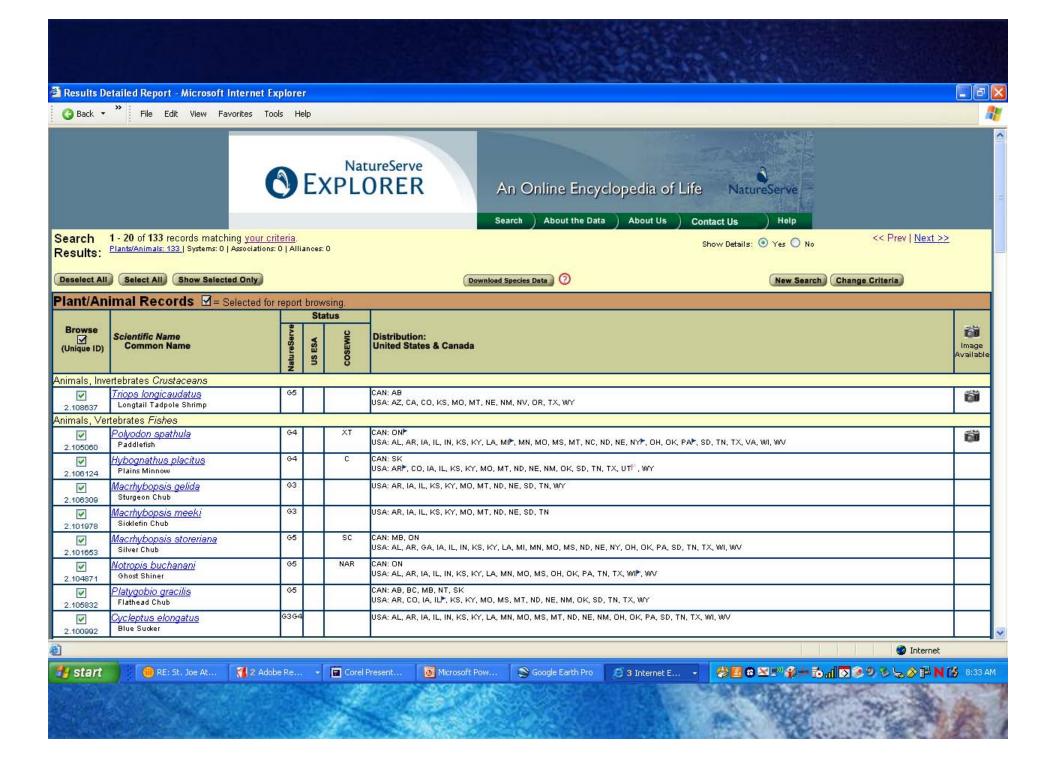












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Polyodon spathula - (Walbaum, 1792).

Padelefe L

Unique identifier: ELEMENT\_GLOEAL.2.106060

Element Code: AFCAB01010

Informal Taxonomy: Animals, Veltabrates - Lishas - Long Lishes - Other Dony Lishes



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View image report from CalPhoto

Kingdom	Phylum	Class	Order	Family	Genus
Animalia	Oraniata	Act nopterygi	Ac penseriformes	Polyodontidae	Polyodoc

Genus Size: A - Monotypic genus

Check this box to expand all report sections: 🗹

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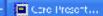
### Concept Reference

**Concept Reference:** Robins, C.R., R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Les land W.B. Scott, 1991. Common and so entific names of fiches from the United States and Canada, American Figherica Society, Special Fublishing 20, 183 pp.

Concept Reference Code: BS1FOB01NAUS

Name Used in Concept Reference: Payadon apathus





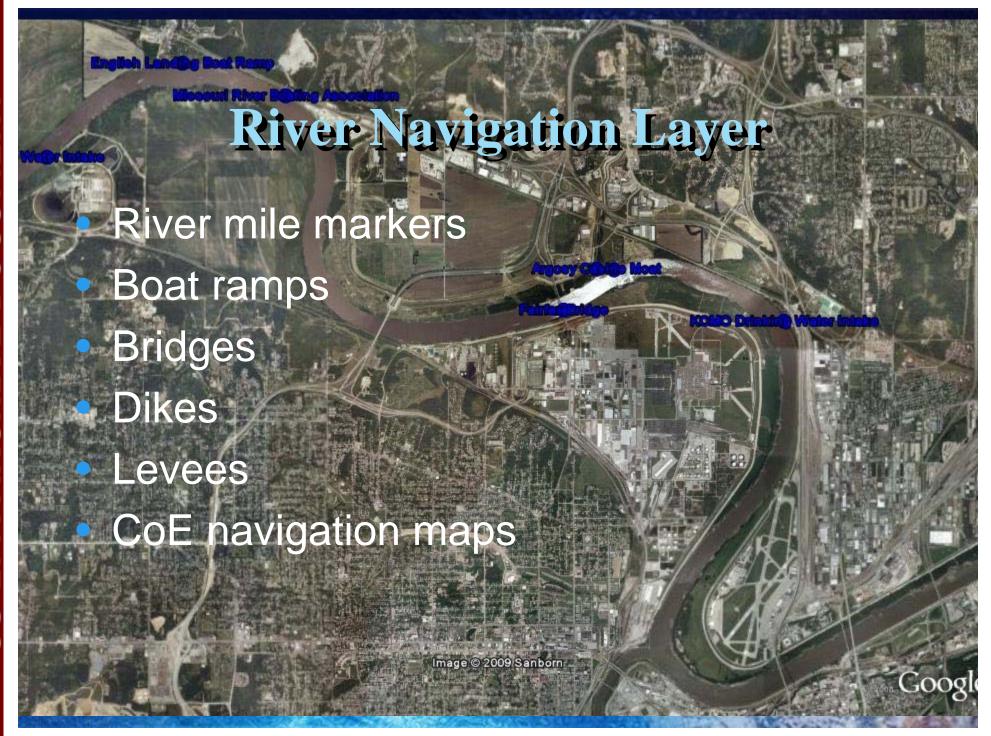


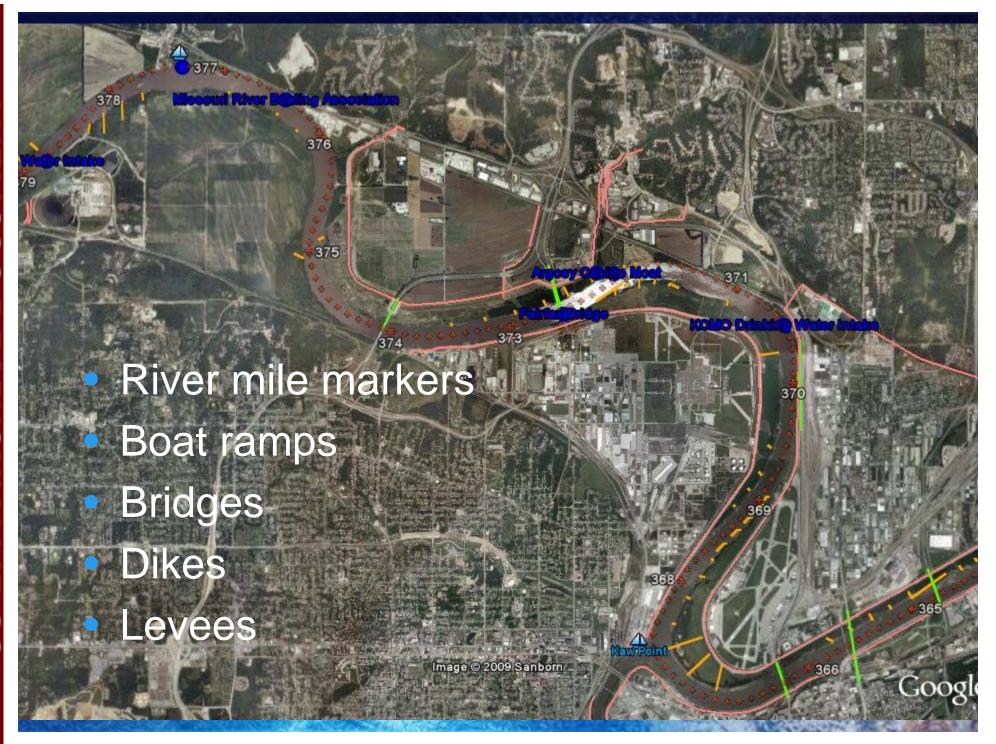


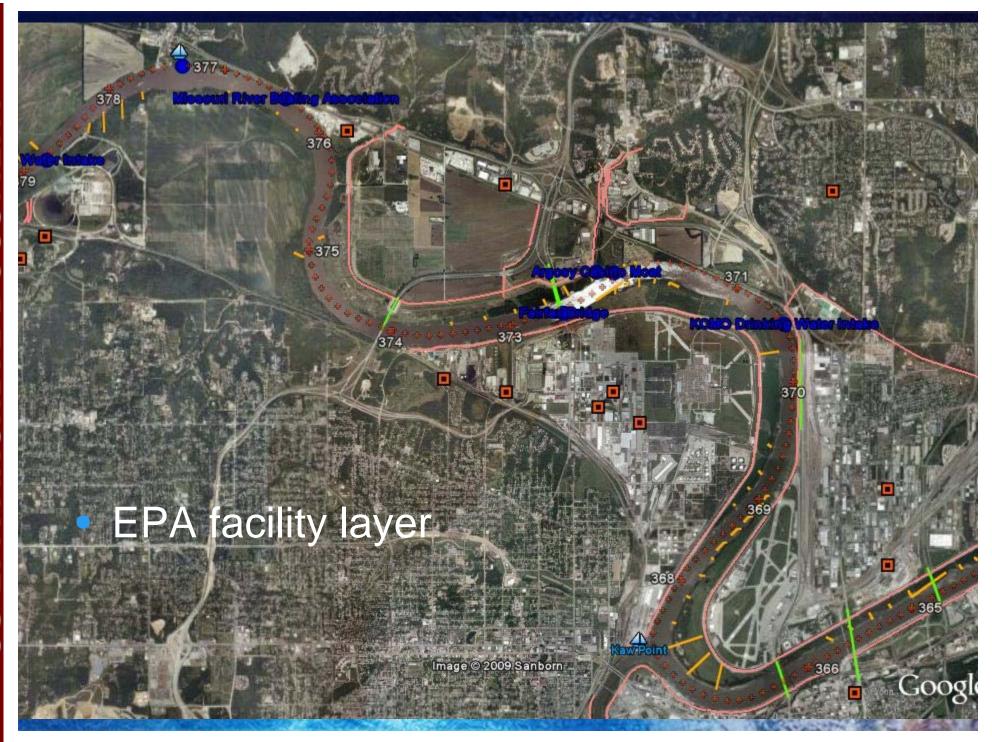


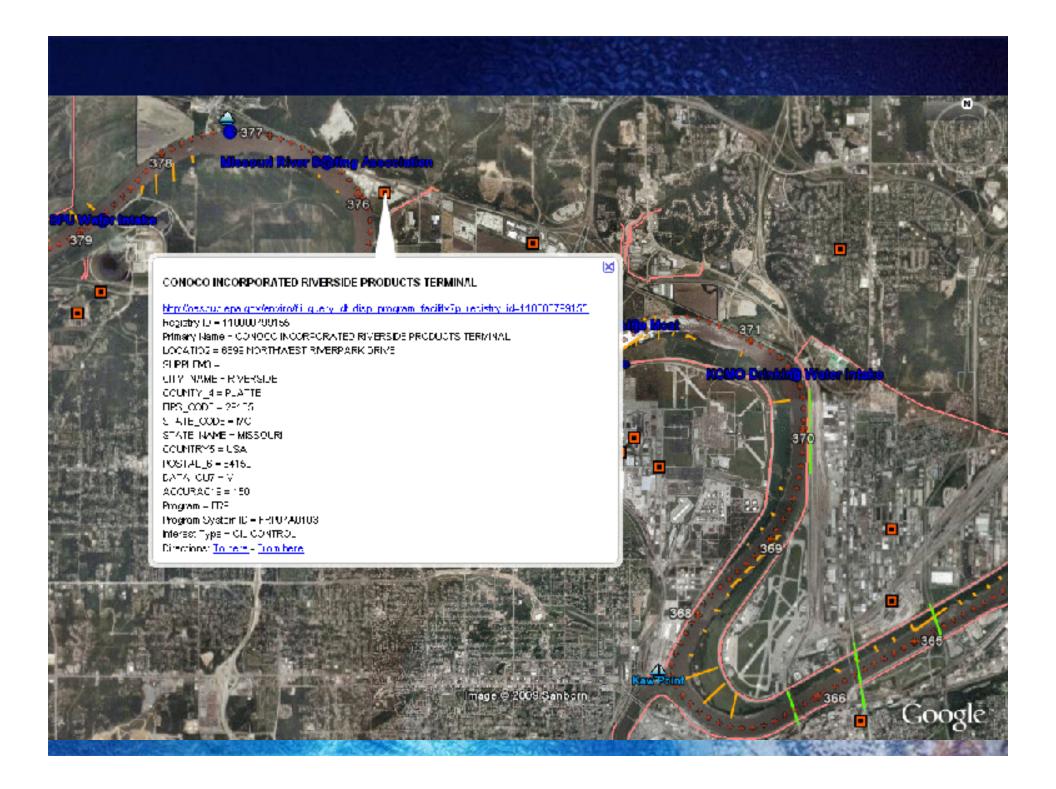


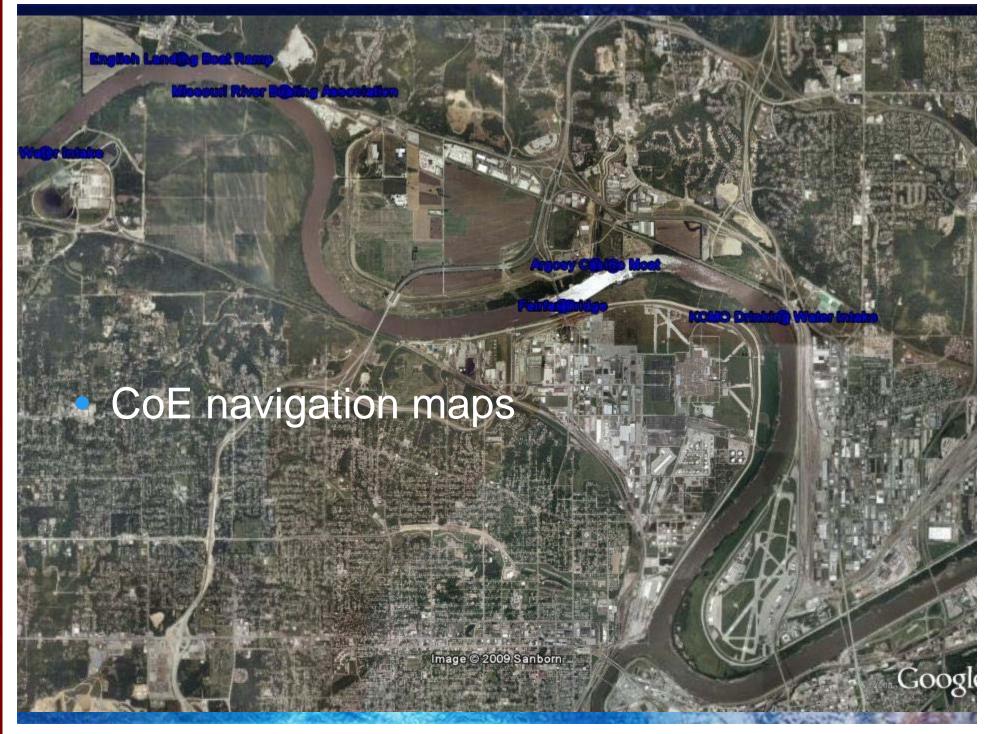


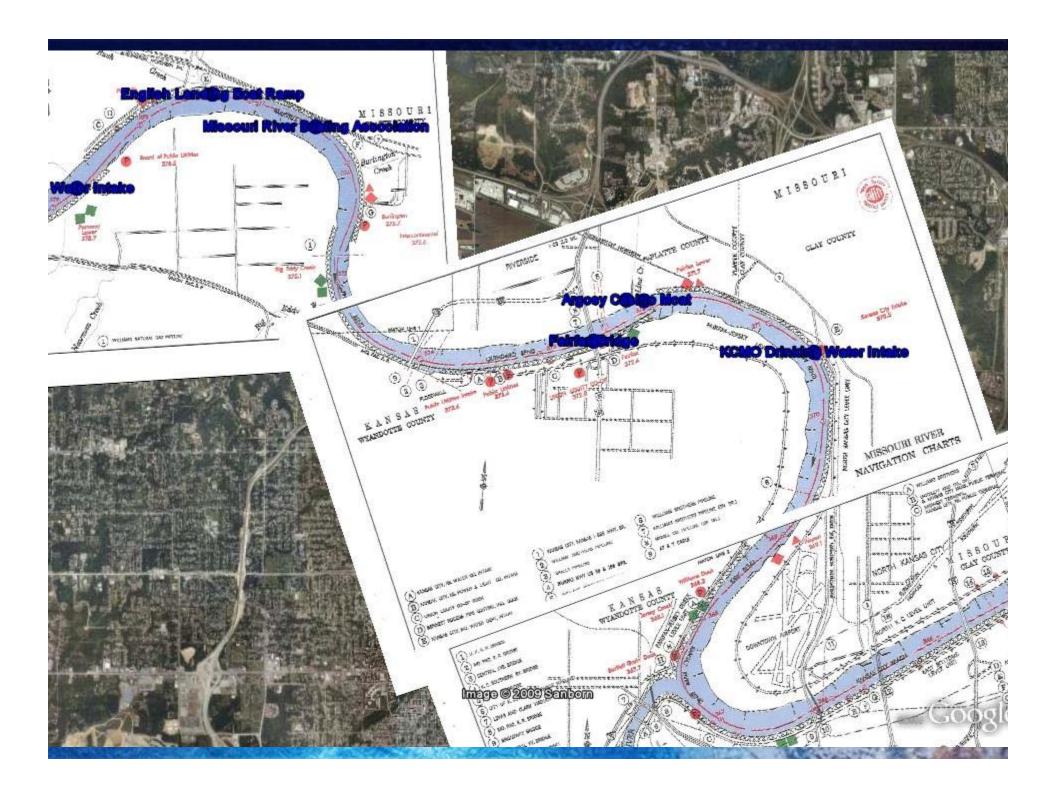


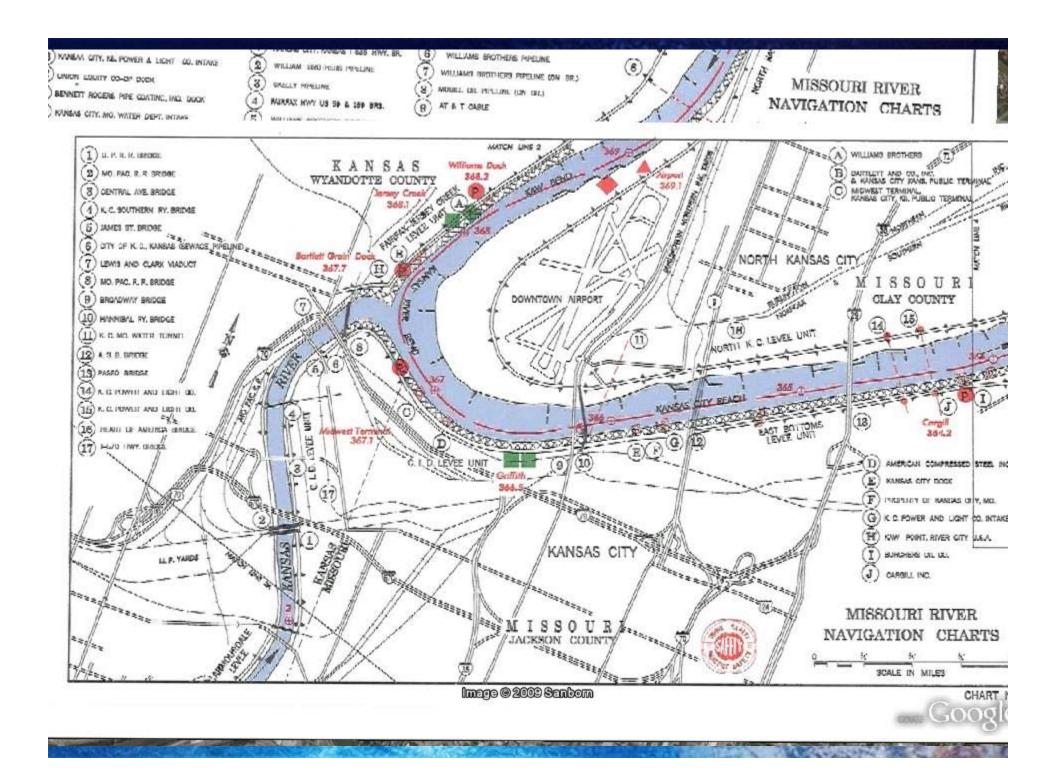


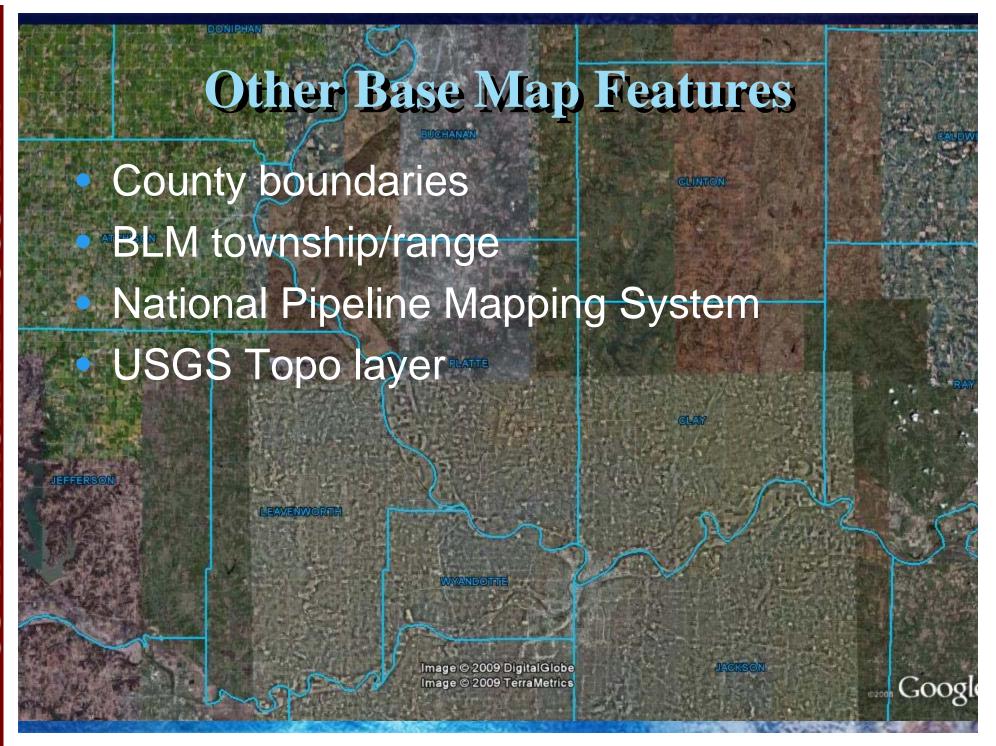


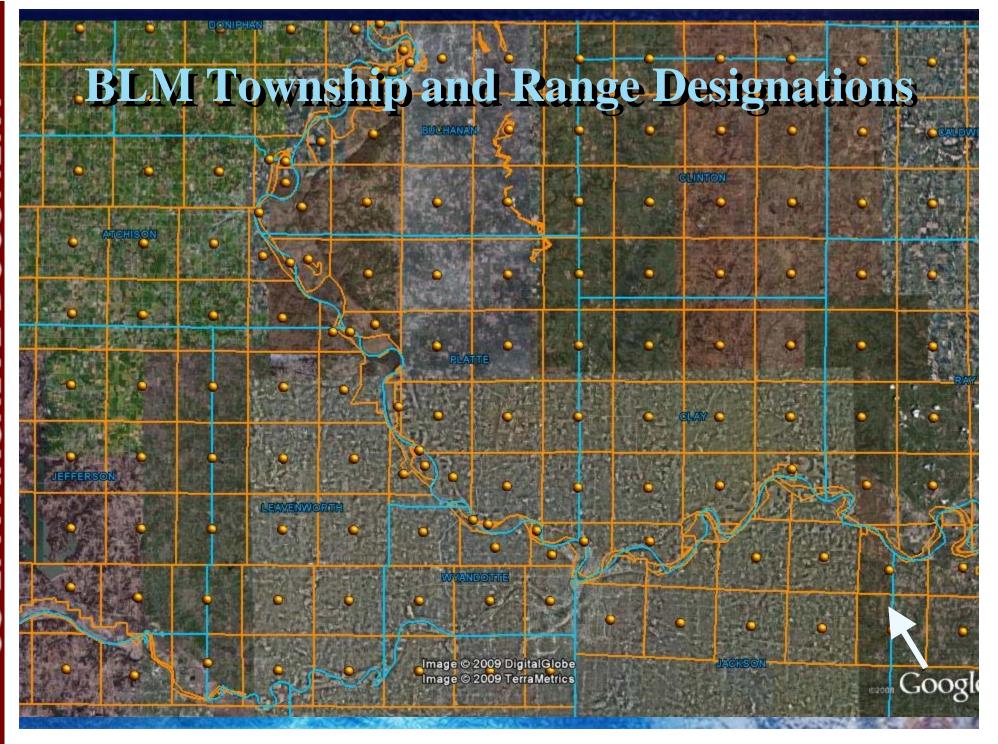


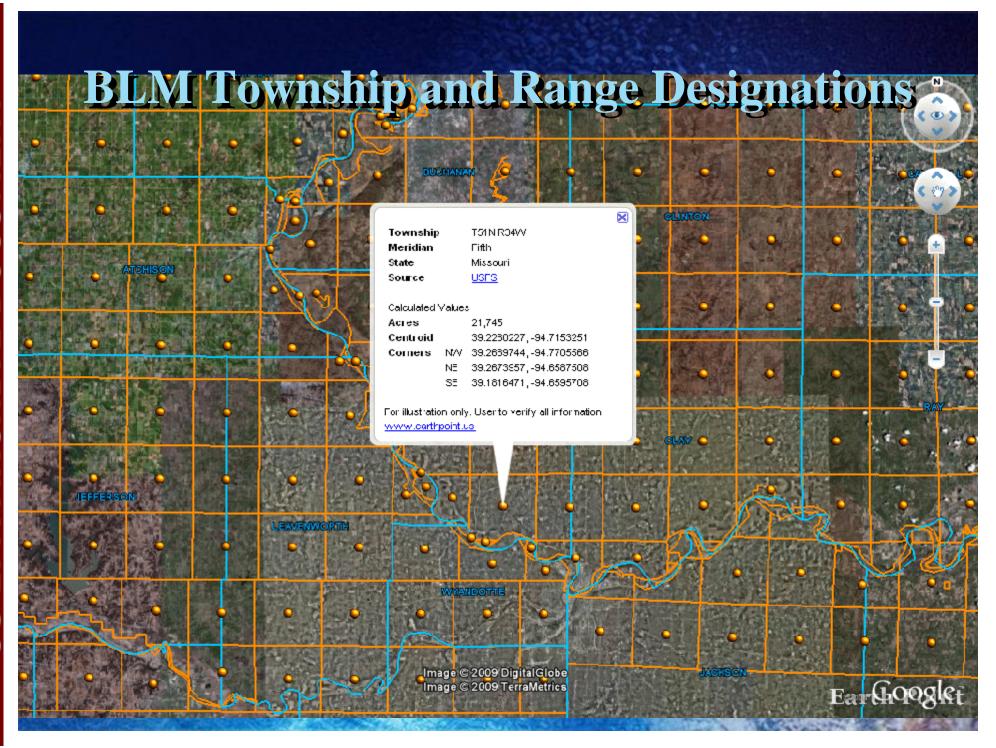




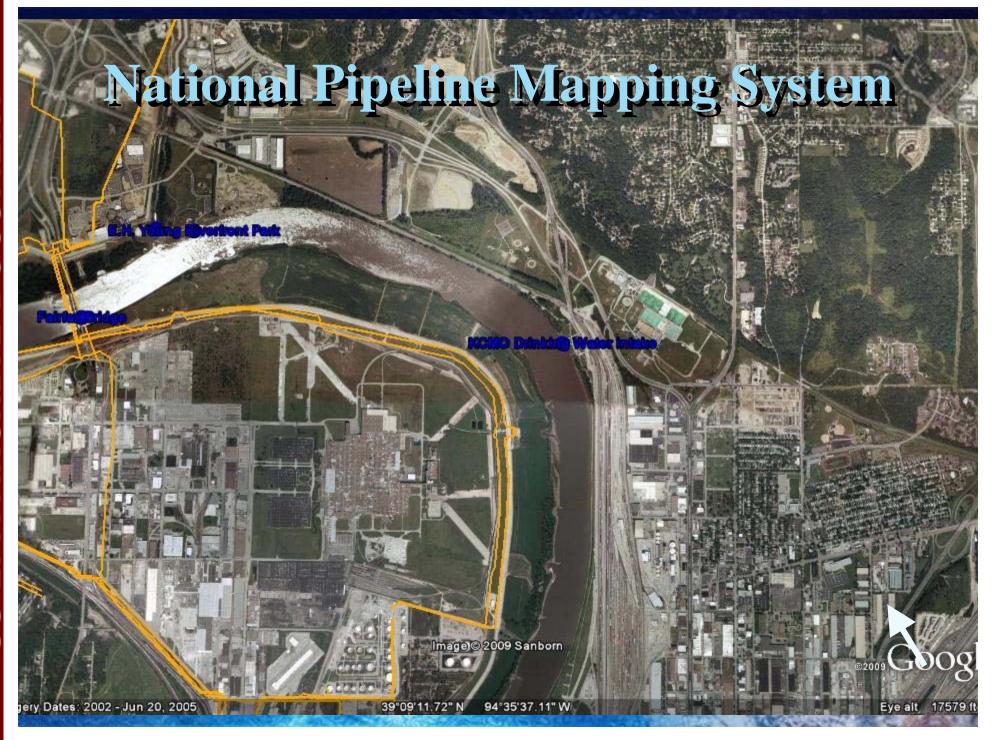


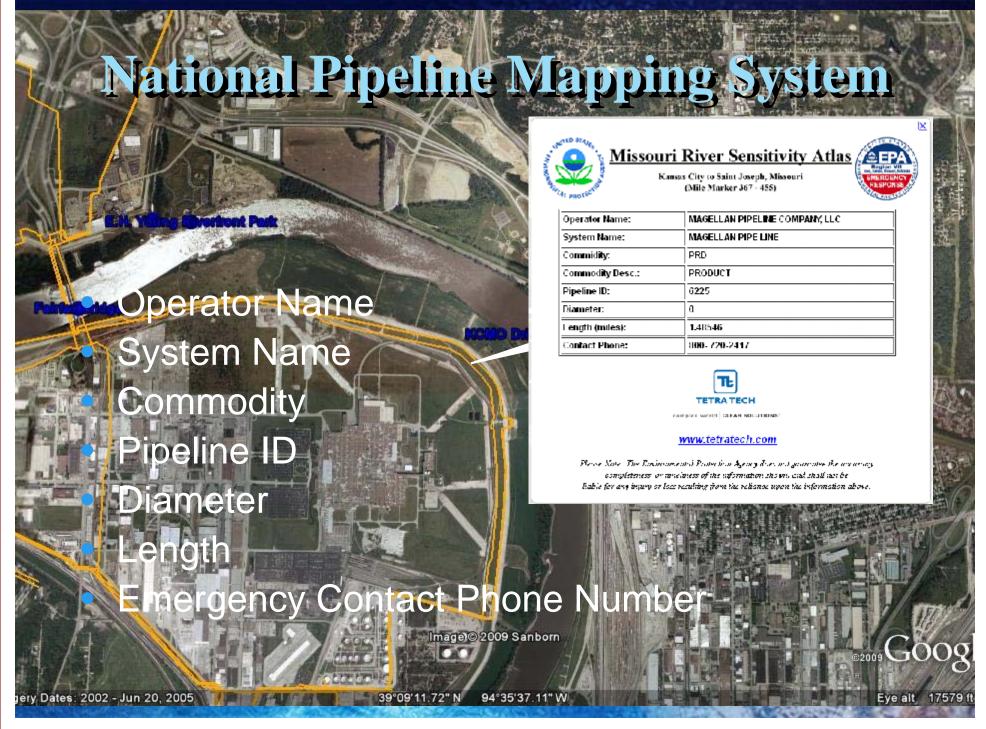




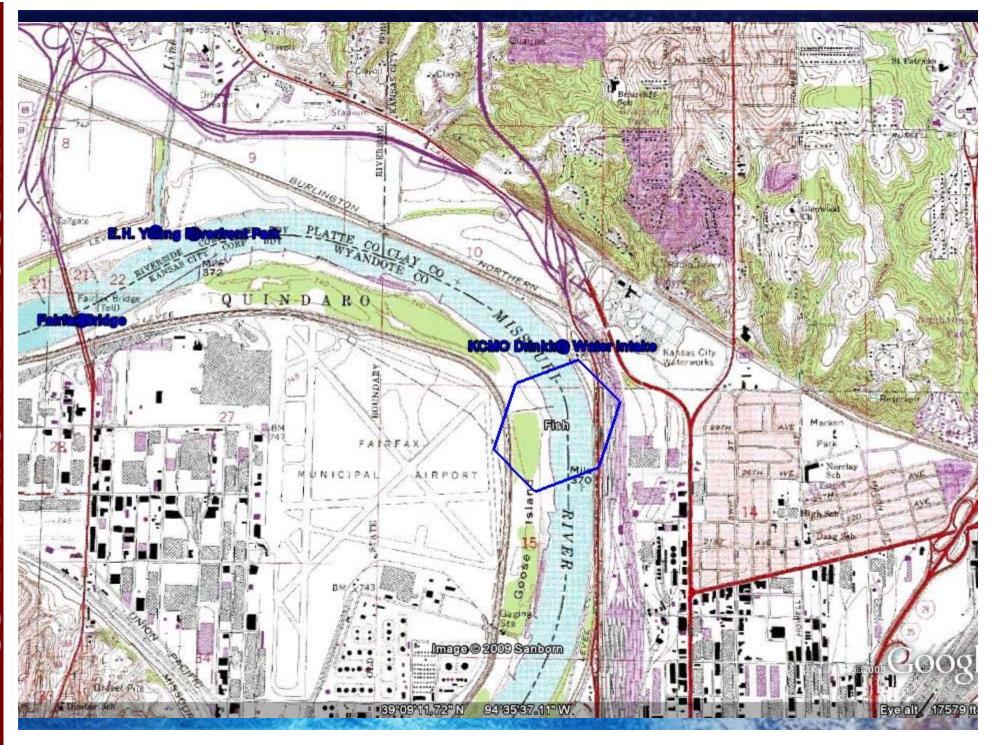




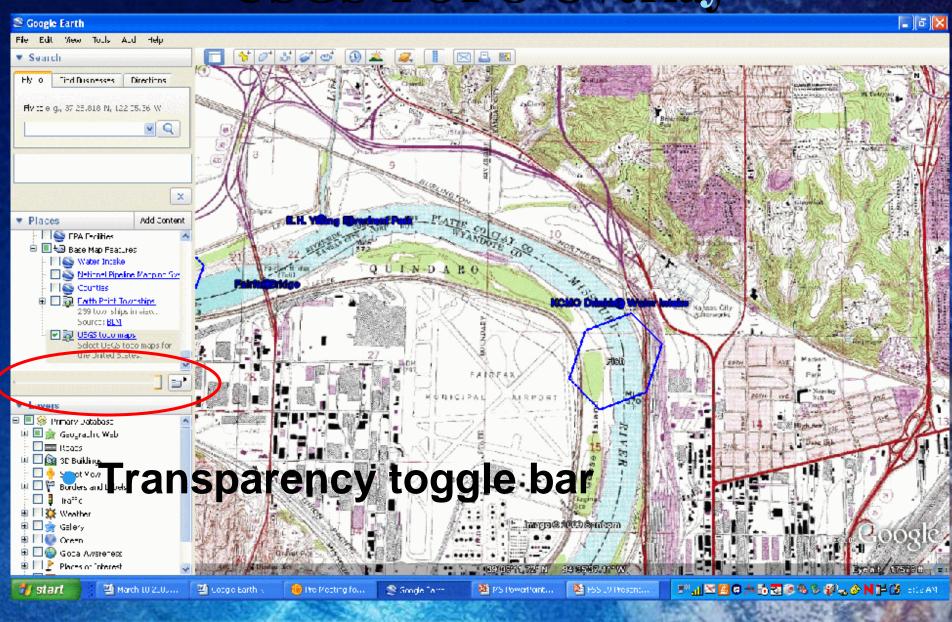




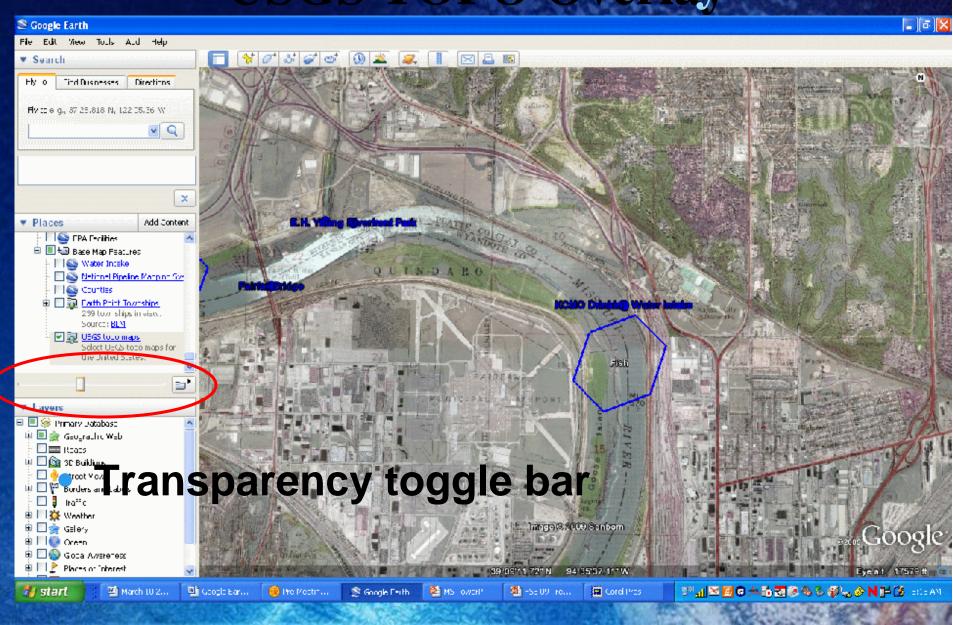


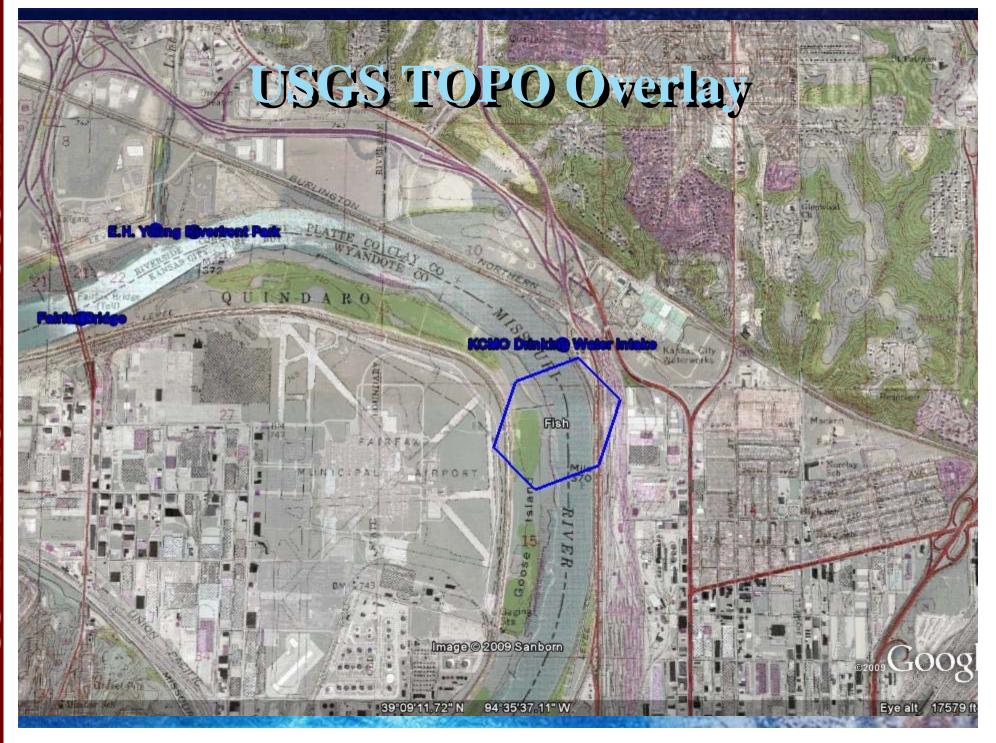


## **USGS TOPO Overlay**



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