Ecological Risk Assessment
Revision 0

Riverfront Superfund Site
City of New Haven
Franklin County, Missouri

Black & Veatch Project No. 046127.0107

Prepared under
EPA Contract No. 68-W5-0004

July 12, 2002

Prepared by:

Black & Veatch Special Projects Corp.

Prepared for:

U.S. Environmental Protection Agency, Region 7
Kansas City, Kansas

Table of Contents

1.0 Introduction 1-1
2.0 Site Characterization 2-1
2.1 Site Description and History 2-1
2.2 Environmental Setting 2-2
2.3 Ecological Habitats 2-4
2.3.1 Developed Terrestrial Habitats 2-4
2.3.2 Cultivated/Agricultural Habitats 2-5
2.3.3 Forested Habitats 2-5
2.3.4 Streams 2-5
2.3.5 Rivers 2-6
2.3.6 Ponds 2-7
2.3.7 Threatened and Endangered Species 2-7
2.4 Contaminants at the Site 2-9
2.5 Potentially Complete Exposure Pathways 2-10
3.0 Exposure Assessment 3-1
3.1 Direct Exposure Concentrations 3-1
3.1.1 Floodplain Surface Soil 3-1
3.1.2 Sediment 3-2
3.1.3 Surface Water 3-2
3.1.4 Plant Tissue 3-2
3.2 Food Chain Ingestion Model for Herbivores 3-2
4.0 Toxicological Assessment 4-1
4.1 Surface Soil 4-1
4.2 Sediment 4-2
4.3 Surface Water 4-2
4.4 Wildlife 4-3
5.0 Risk Characterization 5-1
5.1 Floodplain Surface Soil Risk Characterization 5-1
5.2 Sediment Risk Characterization 5-1
5.3 Surface Water Risk Characterization 5-2
5.4 Risk Characterization for Herbivores 5-2
6.0 Uncertainty 6-1
6.1 Analytical Data Uncertainties 6-1
6.2 Food Chain Variables 6-1
7.0 Conclusions 7-1
8.0 Preliminary Remedial Goals (PRGs) 8-1
9.0 References 9-1

Table of Contents (continued)

Tables

Table 3-1 Analytical Results for Constituents Detected in Surface Soils and Comparison to ESVs
Table 3-2 Analytical Results for Constituents Detected in Sediment and Comparison to ESVs
Table 3-3 Analytical Results for Constituents Detected in Surface Water and Comparison to ESVs
Table 3-4 Analytical Results for Constituents Detected in Plant Tissue
Table 3-5 Food Chain Exposure Model for Mammalian Herbivores
Table 3-6 Food Chain Exposure Model for Avian Herbivores

Table 4-1 ESVs Selected for Surface Soil
Table 4-2 ESVs Selected for Sediment
Table 4-3 ESVs Selected for Surface Water
Table 4-4 ESVs Selected for Wildlife

Table 5-1 Risk Characterization for Food Chain Exposure to Mammalian Herbivores
Table 5-2 Risk Characterization for Food Chain Exposure to Avian Herbivores

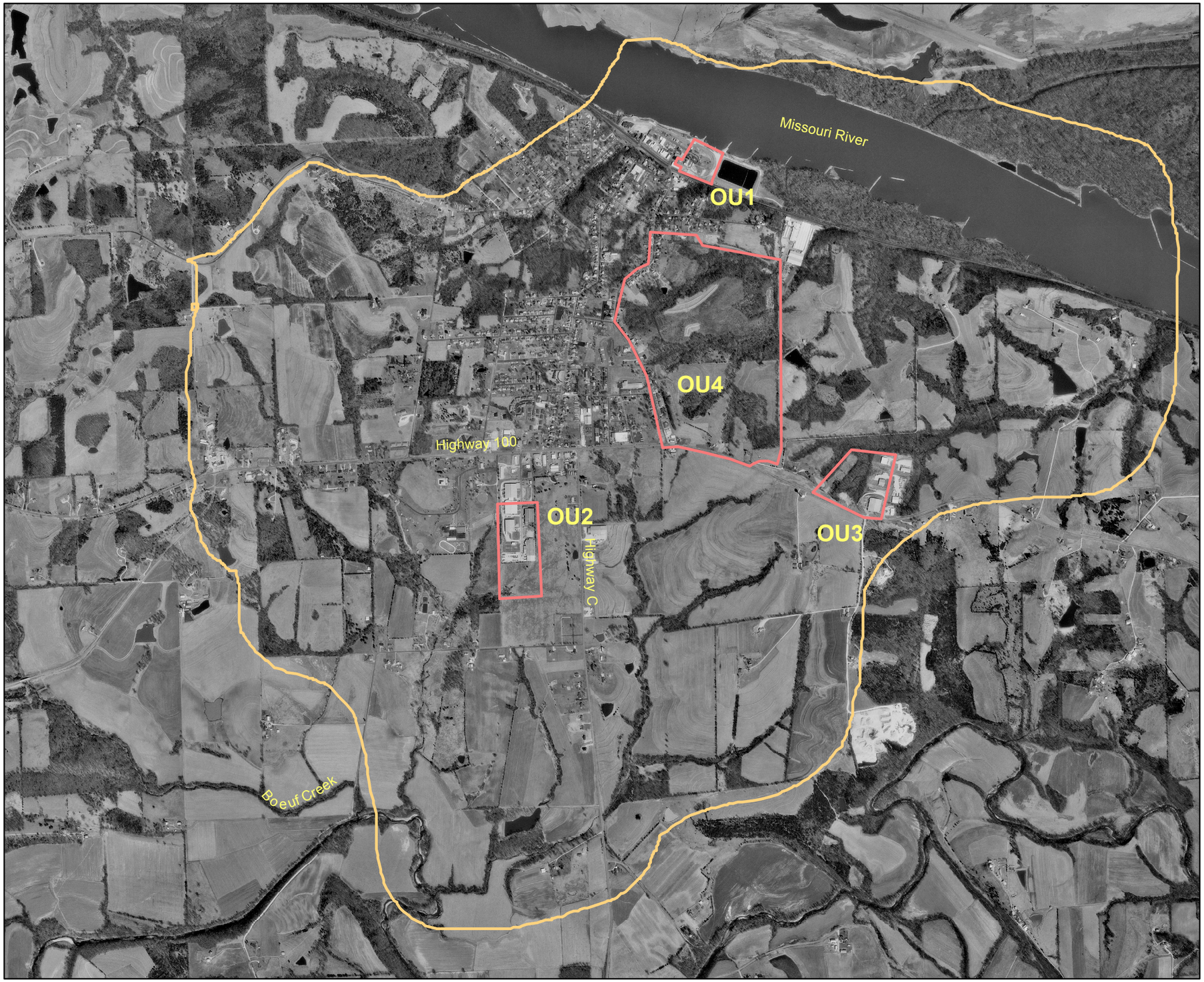
Figures

Figure 2-1 Site Location Map
Figure 2-2 Ecological Habitats in the Riverfront Site Study Area
Figure 2-3 Potential Sources of Contamination

Figure 3-1 Ecological Exposure Model
Figure 3-2 Sample Locations

Appendices

Appendix A Site Photographs



Legend

Operable Units

ERA Study Area

N
W E
S

0 650 1,300 2,600 3,900 5,200

Feet

1:20,396

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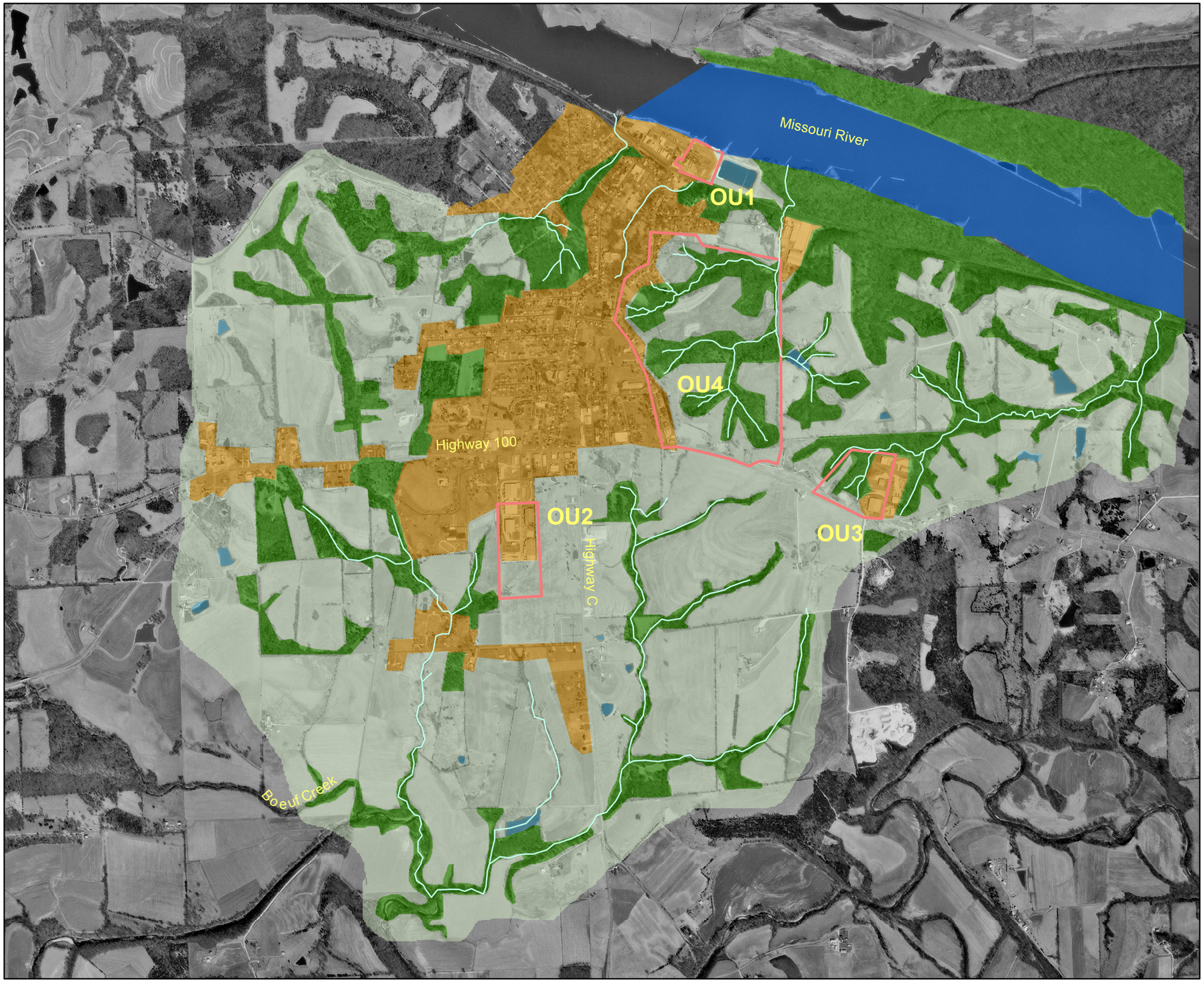
Figure 2-1
Site Location Map

Drawn By: DGP	Scale: 1:20396
Checked By: DGP	Project No: 046134.0107
Approved By: DGP	Date: July 11, 2002



Legend

- Operable Units
- Streams

Habitat Type

- Agricultural Habitat
- Developed Areas
- Forested Habitats
- Ponds
- River

N
W E
S

0 650 1,300 2,600 3,900 5,200
Feet

1:20,396

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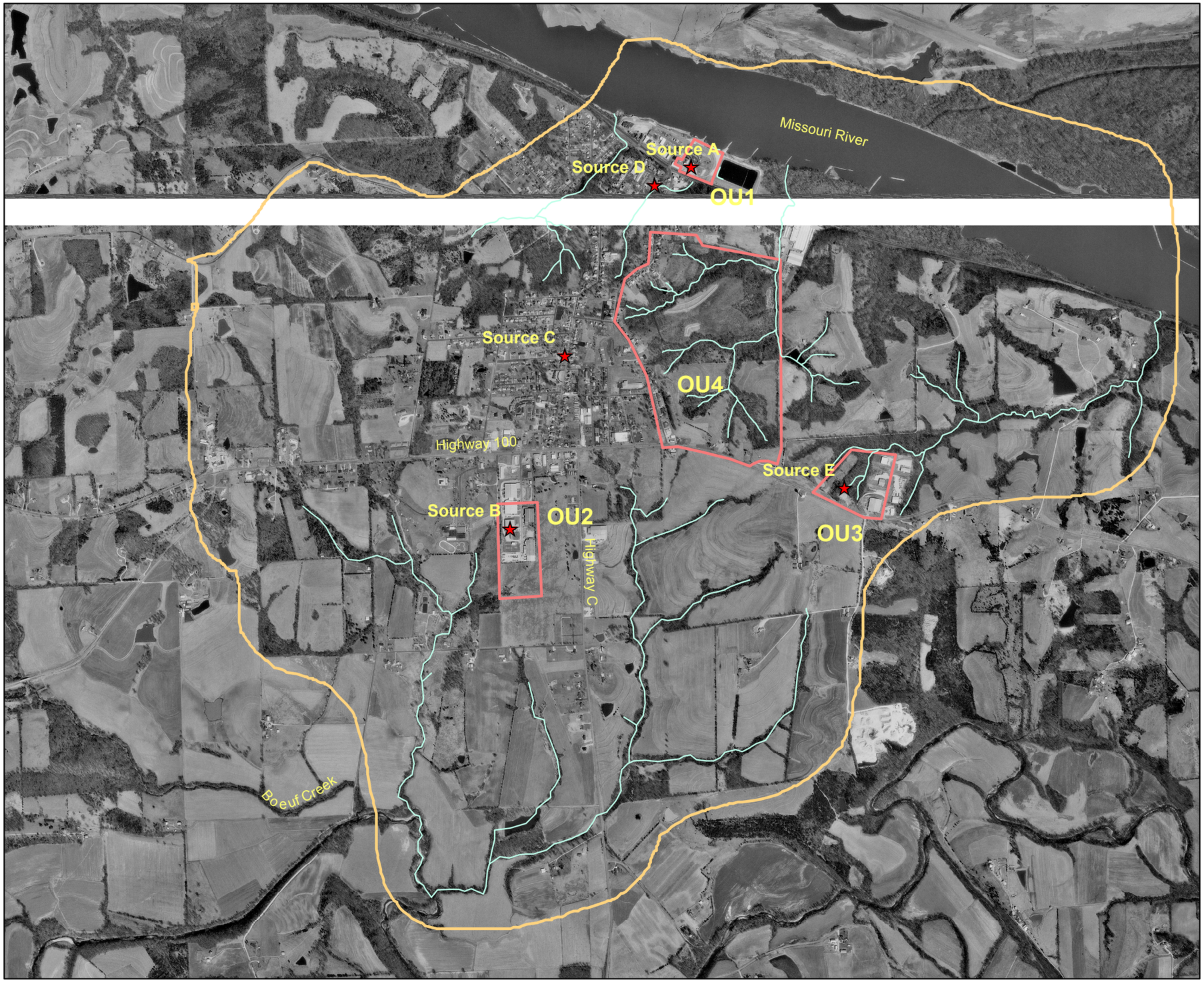
Figure 2-2
Ecological Habitats in the
Riverfront Site Study Area

Drawn By: DGP	Scale: 1" =2,000'
Checked By: DGP	Project No: 046134.0107
Approved By: DGP	Date: July 11, 2002



Legend

- Sources
- Operable Units
- ERA Study Area
- Streams

N W E S

0 650 1,300 2,600 3,900 5,200

Feet

1:20,396

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Figure 2-3
Potential Sources of Contamination
in the Riverfront Site Study Area

Drawn By: DGP	Scale: 1:20396
Checked By: DGP	Project No: 046134.0107
Approved By: DGP	Date: July 11, 2002

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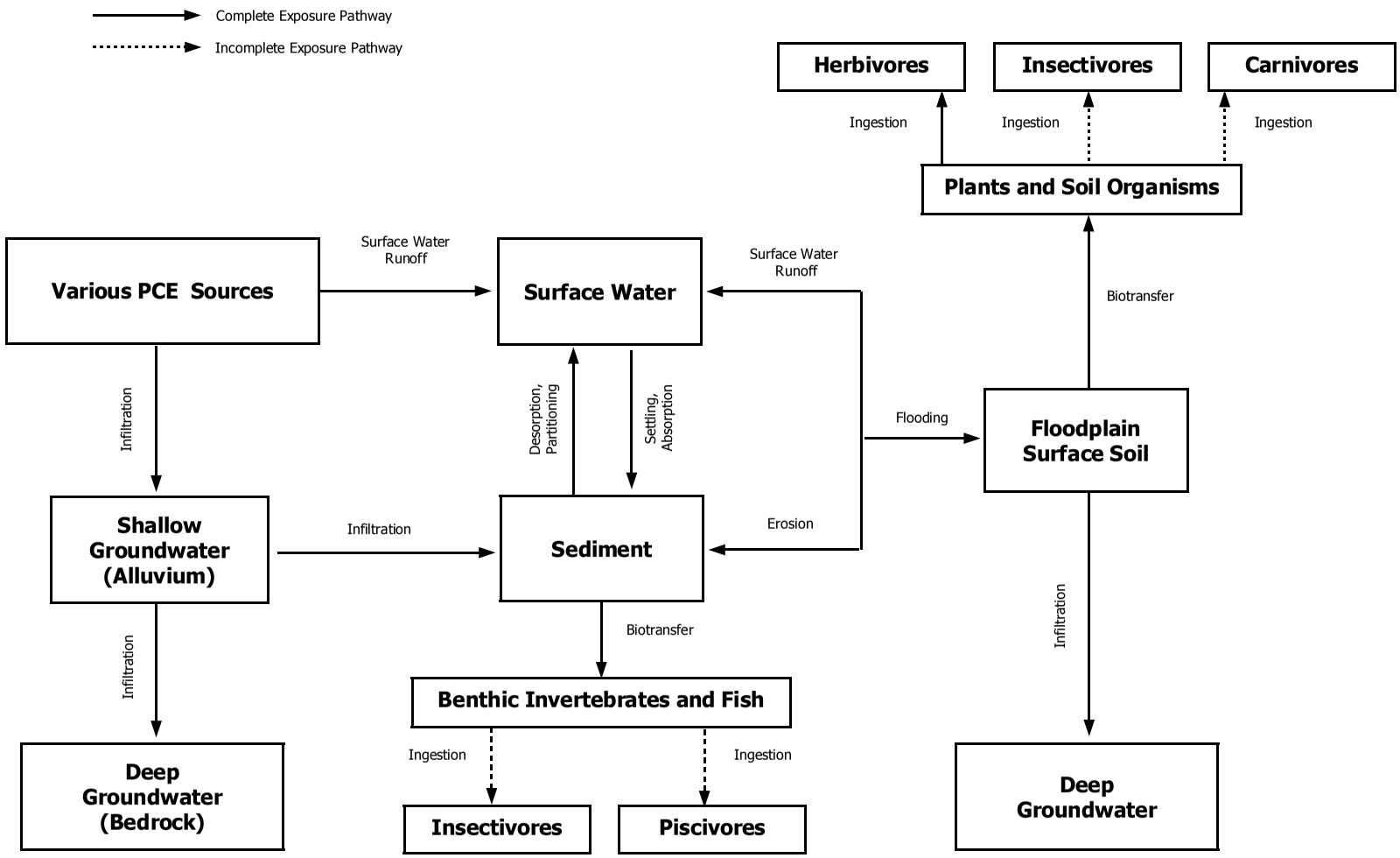

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Figure 3-1
Ecological Exposure Model

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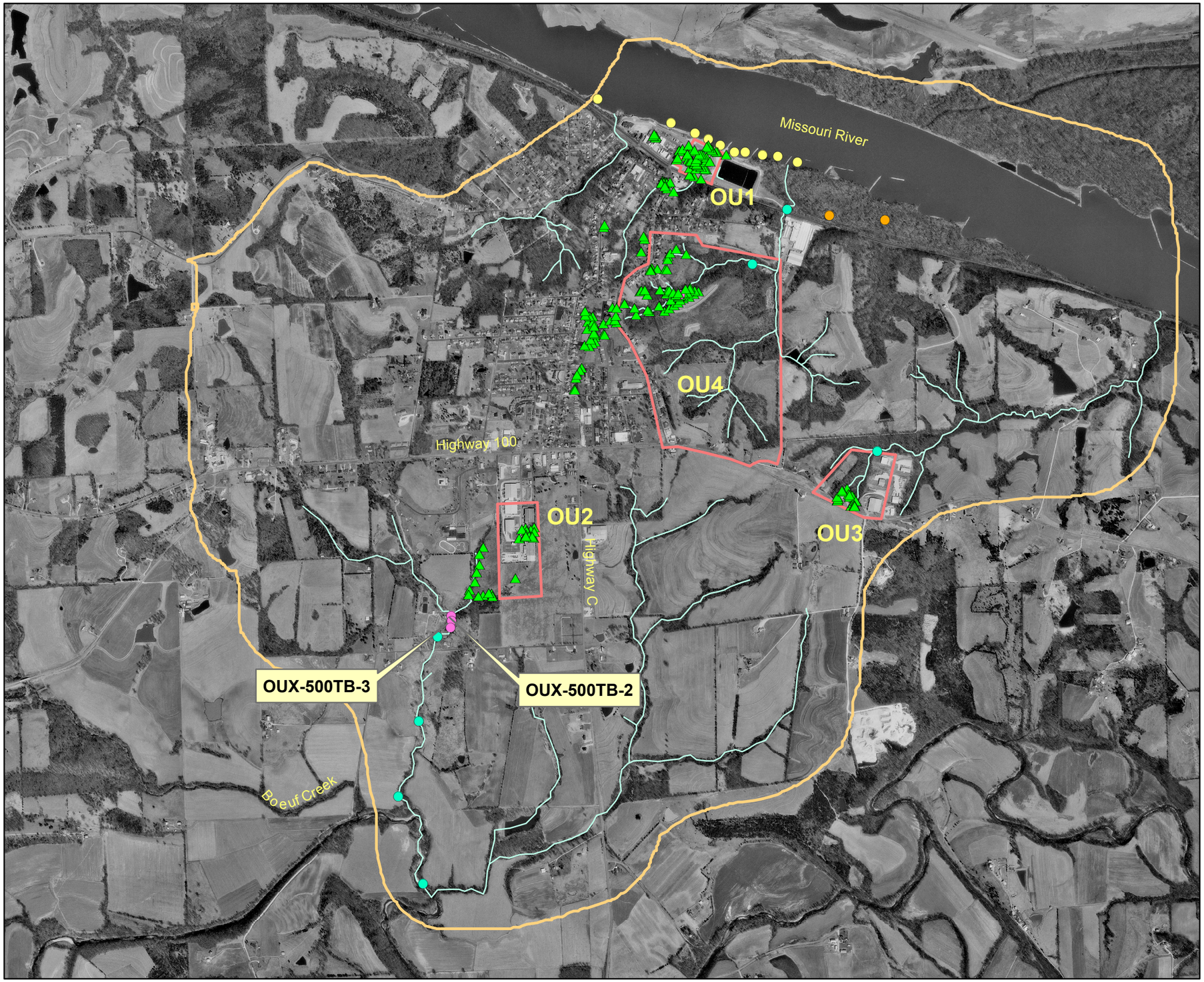

Legend

Sample Type

- Soil
- Surface Water
- Sediment/Surface Water
- Soil/Sediment/Surface Water
- Vegetation
- Operable Units
- Streams
- ERA Study Area

N W E S

0 650 1,300 2,600 3,900 5,200

Feet

1:20,396

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Figure 3-2
Sample Locations

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Appendix A

Site Photographs

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Photograph 01 - Industrial habitats near OU1

Photograph 02 - Industrial habitats near OU2

Photograph 03 - Agricultural habitat in the vicinity of OU2

Photograph 04 - Forested floodplain habitat located east of OU1

Photograph 05 - Forested habitat associated with OU4

Photograph 06 - Forested habitat immediately below OU3

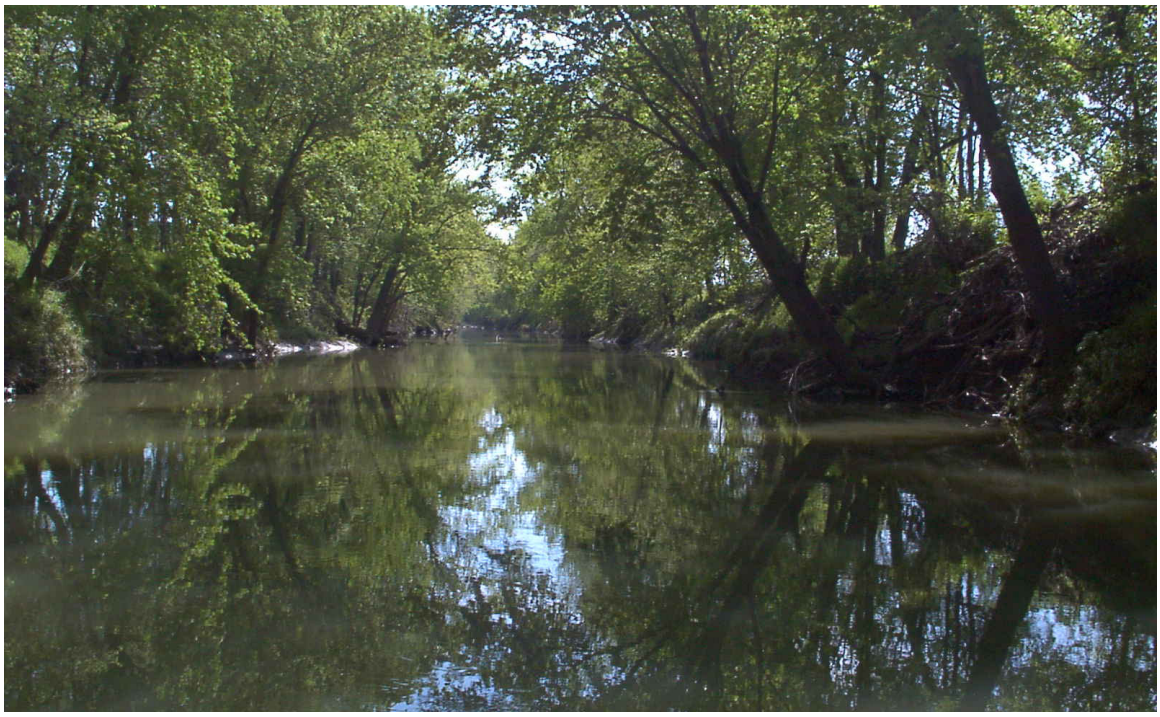
Photograph 07 - First-order stream in study areas

Photograph 08 - Second-order stream in study areas

Photograph 09 - View of Missouri River shoreline looking downstream at OU1

Photograph 10 - iew of Missouri River shoreline looking upstream at OU1

Photograph 11 - View of Boeuf Creek looking downstream from dam



Photograph 12 - View of Boeuf Creek looking upstream from dam