

# Section 5: Acronyms

## A

ADEQ	Arkansas Department of Environmental Quality
ADPCE	Arkansas Department of Pollution Control and Ecology
AESD	Arkansas Employment Security Department
AHTD	Arkansas State Highway and Transportation Department
ANHC	Arkansas Natural Heritage Commission
ARAP	Aquatic Resources Alternation Permit
ARM	Arkansas River Mile
ARV	Arkansas River Valley Authority
	River Valley Regional Intermodal Facilities Authority

## B

BMPs Best Management Practices

## C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CEQ	Council on Environmental Quality
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CWA	Clean Water Act

## D

dB	Decibels
dBA	Decibel A Weighted Scale
DRRR	Dardanelle Russellville Railroad

## E

EA	Environmental Assessment
EDR	Environmental Data Resources, Inc.
EIS	Environmental Impact Statement
EMS	Emergency Medical Services
EO	Executive Order
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act

## F

FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FINDS	Facility Index System
FIRMs	National Flood Insurance Rate Maps
FPPA	Farmland Protection Policy Act
FTTS	FIFRA/TSCA Tracking System

## G

## H

HAPs	Hazardous Air Pollutants
HLR	Housing of Last Resort
HSWA	Hazardous and Solid Waste Amendments

## I

I-40	Interstate 40
------	---------------

## J

<b>K</b>			<b>S</b>	
			SARA	Superfund Amendments and Reauthorization Act
<b>L</b>			SPCC	Spill, Prevention, Control and Counter measures
	Leq(h)	Hourly Equivalent Sound Level	SQG	Small Quantity Generators
	LQG	Large Quantity Generators	SWF/LF	Solid Waste Facility/Land Fill
	LUST	Leaking Underground Storage Tank	SWRCY	Solid Waste Recycling
<b>M</b>			<b>T</b>	
	MKARNS	McClellan-Kerr Arkansas River Navigation System	T&E	Threatened and Endangered
	MCL	Maximum Contaminant Levels	TDS	Total Dissolved Solids
	MINES	Mines Master Index File	TMDL	Total Maximum Daily Load
<b>N</b>			TRIS	Toxic Chemical Release Inventory System
	NAAQS	National Ambient Air Quality Standards	TSCA	Toxic Substances Control Act
	NEPA	National Environmental Policy Act	TSDf	Treatment, Storage, or Disposal Facility
	NFRAP	No Further Remedial Action Planned	<b>U</b>	
	NPDES	National Pollution Discharge Elimination System	UPRR	Union Pacific Railroad
	NPL	National Priority List	U.S.	United States
	NRCS	Natural Resources Conservation Service	USACE	United States Army Corps of Engineers
	NWI	National Wetlands Inventory	USEPA	United States Environmental Protection Agency
<b>O</b>			USFWS	United States Fish and Wildlife Service
			UST	Underground Storage Tank
<b>P</b>			<b>V</b>	
	ppm	parts per million	VOC	Volatile Organic Compounds
<b>R</b>			<b>W</b>	
	RCRA	Resources Conservation and Recovery Act		

# Section 6: References

References that were used during the development of this Environmental Impact Statement include the following:

<b>Reference</b>	<b>Description</b>
Arkansas Employment Security Department, Bureau of Labor Statistics Programs, March 2005	Civilian Labor Force, Employment, and Unemployment Rates.
AHTD, 2005	Don Nichols, "Present and Future Traffic for Jobs 080198, 080236, and 080204," Personal Communication.
AHTD Planning and Research Division, August 1998	Intermodal Transportation Needs/Economic Development Study – Appendices.
AHTD Planning and Research Division, August 1998	Intermodal Transportation Needs/Economic Development Study – Summary Report.
AHTD Planning and Research Division, May 2003	Freight Component, Arkansas Statewide Long-Range Intermodal Transportation Plan.
AHTD Planning and Research Division, March, 2005	Arkansas State Public Riverport Study and Needs Assessment.
Arkansas Valley Alliance for Economic Development	Economic Development, Utility Data.
Burnham Group, 2000	2020 Comprehensive Development Plan for the City of Russellville.

<b>Reference</b>	<b>Description</b>
City of Russellville, Department of Public Works	City of Russellville Zoning Code.
EDR, 2005	Environmental Data Resources, Inc. Report for the Russellville Intermodal Facilities. May 24, 2005.
FTN Associates, Ltd., November 2002	River Valley Regional Intermodal Facilities Authority Project, Environmental Assessment.
G. Hamilton, A. Vibhakar, and J. Shelnut, September 2002	Economic Feasibility and Debt Capacity of the Russellville River Port Project.
H. Nachtmann, Department of Industrial Engineering, University of Arkansas	Economic Evaluation of the Impact of Waterways on the State of Arkansas.
Lafferty, Cande, and Sierzchula 2005	Cultural Resources Investigations of the Proposed River Valley Intermodal Facility in the New Hope Bottom in Pope County, Arkansas.
Pope County Government, Assessors Office	Real Property Assessments and Taxes.
Pope County Government, Collectors Office	Taxing Entities and Tax Rates.
Russellville Board of Realtors	Multiple Listing Service, Russellville and Vicinity.
Sam M. Walton College of Business, Center for Business and Economic Research, August, 2002.	An Economic Analysis of Pope County in Northwest Arkansas.
University of Arkansas, Demographic Research Division, Little Rock, Arkansas, 2004	Time Series Extrapolations of Population Projections.
USACE, Little Rock District, May, 2001	Slack Water Harbor Arkansas River, Russellville, Detailed Project Report and Environmental Assessment.
USACE, Little Rock and Tulsa Districts, 2005	Arkansas River Navigation Study, Draft Environmental Impact Statement.
USACE, Institute for Water Resources, Waterborne Commerce of the United States, Part 2, 2002	Historic and Projected Traffic on MCKARNS.

<b>Reference</b>	<b>Description</b>
USDA., National Agricultural Statistics Service, Arkansas Statistical Office, 2005	Five-Year Crop Yields/Prices
U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts, 2003	Full and Part-Time Employment by Major Industry Sector by Place of Work.
U.S. Department of Commerce, U.S. Census Bureau	1990 and 2000 U.S. Census of Population and Housing.
U.S. Department of Commerce, U.S. Census Bureau	Small Area Income and Poverty Estimates, 2004.
USDOT, FHWA	Uniform Relocation Assistance and Real Property Acquisition Polices Act of 1970.
USDOT, FHWA, AHTD, January, 2004	Environmental Assessment: Russellville Bypass (Highway 247).
USEPA	TMDL Report. Whig Creek Basin TMDL for Copper. September 2003.

# Section 7: List of Preparers

Personnel involved in the development of this Environmental Impact Study include the following:

Name	Education and Experience	Primary Responsibilities
Luke Eggering	B.S., Fish and Wildlife Management; M.S., Biology; 15 years experience in wetland management; wildlife, fisheries and endangered species management; preparation of environmental documents.	Project Manager/Project Scientist; data collection and key participant in description of proposed action, alternatives formulation, and related environmental analyses.
Don Beisel	B.S. Geography; M.A. Geography; 29 years of experience in community/urban planning, environmental planning, and socioeconomic studies.	Senior Project Planner/Economist; data collection and preparation of socioeconomic analysis and related text sections.
Karen Boulware	B.S. Geology; M.S. Resource Planning; 11 years experience in environmental assessment impact studies and planning.	Environmental Scientist/Urban Planner; data collection, analysis, and key participant in preparation of environmental impact statement text and supporting sections.

Name	Education and Experience	Primary Responsibilities
Joel Budnik	B.S. Fisheries and Wildlife Management, Minor in Biology; M.S. Fisheries and Wildlife Sciences; 8 years experience in natural resource management; biological surveys, wetland determinations; environmental impact assessment; and preparation of environmental documents.	Senior Environmental Scientist/Biologist; key participant in data collection, environmental impact analysis, and preparation of the environmental impact statement.
Edward Cain	B.S. Civil Engineering; 38 years experience in the planning and design of major transportation facilities and preparation of environmental documents.	Senior Transportation Engineer/Planner; oversight on traffic issues, site development, and air and noise analyses.
Chris Diel	B.S. Environmental Biology; M.S. Biology; 6 years experience in biological surveys, natural resource management, ecological restoration, and environmental impact assessment.	Environmental Scientist/Zoologist; analysis and participant in preparation of environmental impact statement text and supporting sections.
Robert Ernst	BS Geography/Geology, MA Geography, PhD Geography/Urban Analysis; 36 years experience in urban planning, economic development, market analysis, and environmental planning projects.	Senior Land Use Planner/Land Economist; participant in preparation of environmental impact statement and supporting sections.
Jason Farmer	B.S. Biology; M.S. Biology; 7 years experience in biological surveys, natural resource management, ecological restoration, and environmental impact assessment.	Senior Environmental Scientist/Wetland Ecologist; analysis and key participant in preparation of environmental impact statement text, GIS, and supporting sections
Virginia Flynn	B.S. Horticulture; M.S. Botany; 8 years experience in biological surveys, natural resource management, ecological restoration, and environmental impact assessment.	Senior Environmental Scientist/Botanist; data collection, analysis and participant in preparation of environmental impact statement text and supporting sections.
Lee Gorday	B.A., Geology; M.A. Geology; 19 years of experience in hydrogeologic systems and groundwater contamination.	Senior Hydrogeologist/Hazardous Materials Specialist; data collection and preparation of groundwater, geology, and soils elements.

Name	Education and Experience	Primary Responsibilities
Rich Hall	B.S. Environmental Biology, M.S. Zoology, 25 years of experience in environmental assessment and impact studies, biological community investigations and ecosystem restoration.	Principal Environmental Scientist, technical review, editing, and quality assurance of environmental impact statement.
Janet Lewandowski	A.A.S., Technical Illustration, 24 years of experience in AutoCad and MicroStation, 4 years experience in ArcView and 1 year experience in ArcGIS.	CAD/GIS Specialist responsible for generating graphics and maps.
Darren Mitchell	B.S. Biology; M.S. Biology; 4 years experience in fish and wildlife biology and management, and aquatic entomology and ecology.	Environmental Scientist/Biologist; data collection, analysis and key participant in preparation of environmental impact statement text and supporting sections.
Randy Norris	B.S. Plant and Soil Science; Master of Urban Planning/Environmental Planning; 14 years experience in environmental impact assessment, environmental management and planning.	Environmental Planner/Scientist; technical review, data collection, assisted in land use, noise, hazardous/toxic materials, and alternatives analysis.
Anthony Pakeltis	B.S. Environmental Design; B.U.P. Urban Planning and Development; MUPP Urban Planning and Policy (Transportation); 15 years experience in environmental assessment and impact studies, including air quality, noise, socioeconomic, and traffic analysis.	Air Quality and Noise Analyst; reviewed air quality and noise analysis results.
Rebecca Porath	B.S. Fisheries and Wildlife Management; M.S. Zoology; 6 years experience in plant and wildlife surveys and management, ecological restoration, and environmental impact assessment.	Environmental Scientist/Biologist; data analysis and assisted in preparation and formatting of environmental impact statement.



Name	Education and Experience	Primary Responsibilities
Matt Schulte	B.A. English Lit & Writing; M.S. Geographical Studies, emphasis in Spatial analysis and Geo-Information Technologies, Expected 2006; 8.5 years experience in GIS and Environmental Planning.	GIS Analyst/Planner; coordinated GIS data acquisition and processing, checked data accuracy and consistency, and produced maps for various project uses.
Tim Selover	B.S.C.E., Civil Engineering; Certificate, Metropolitan Planning & Development; M.B.A. Business Administration; 8 years experience in environmental assessment and impact studies, including air quality and noise analysis.	Air Quality and Noise Analyst; responsible for air quality and noise data collection and analysis, prepared air quality and noise sections of environmental impact statement.
Enid Staten	B.S. Biology; Master of Environmental Management; 4 years of experience environmental impact assessment, environmental management and planning.	Environmental Scientist/Biologist, assisted in coordination of public meetings, and participant in preparation of environmental impact statement text and supporting sections.