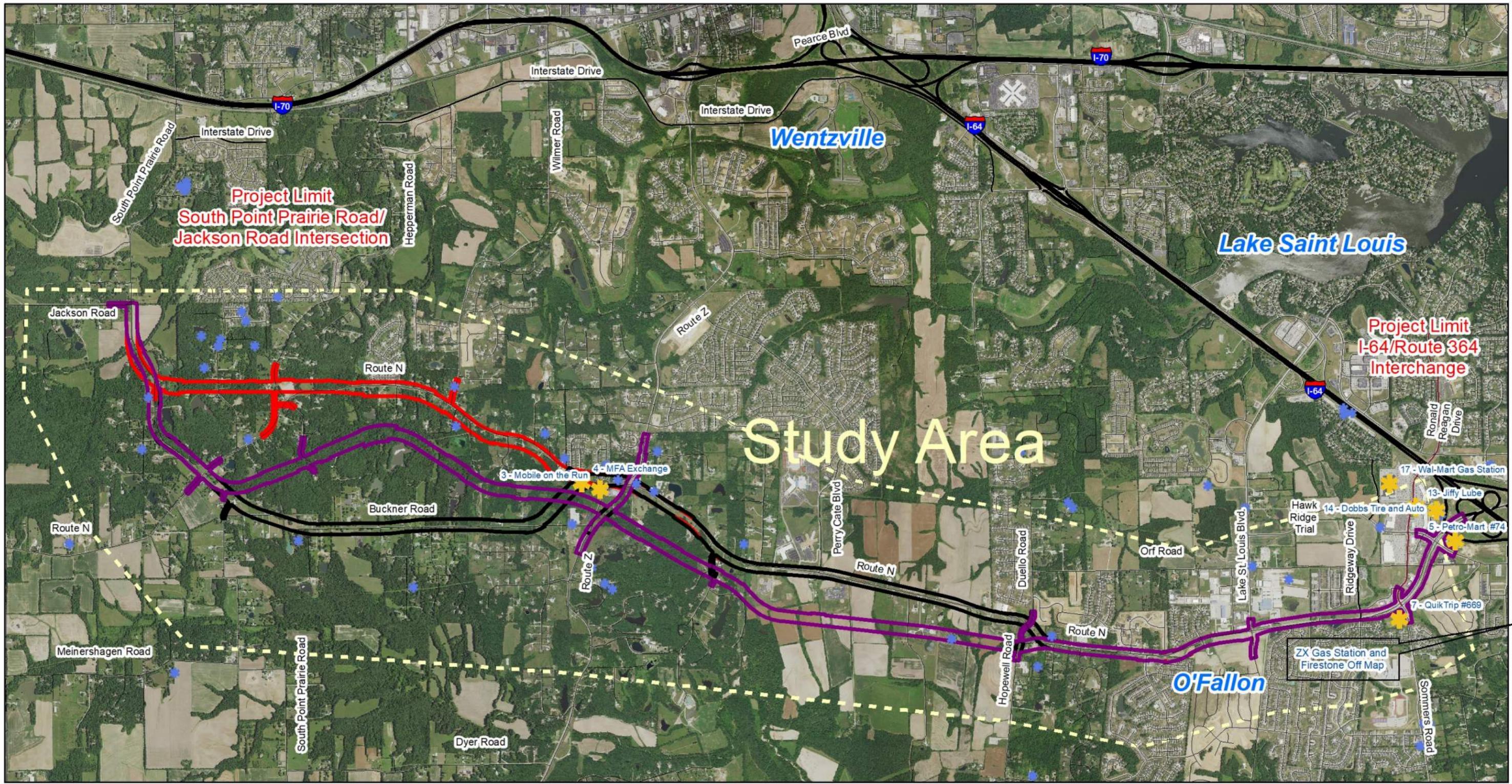


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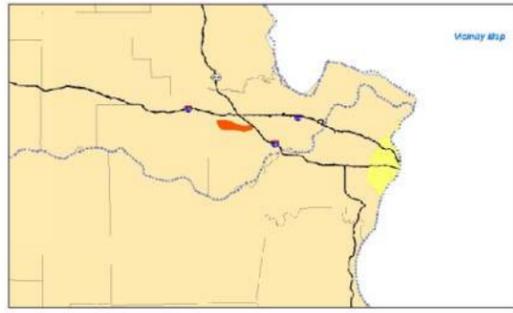
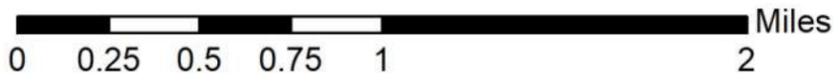
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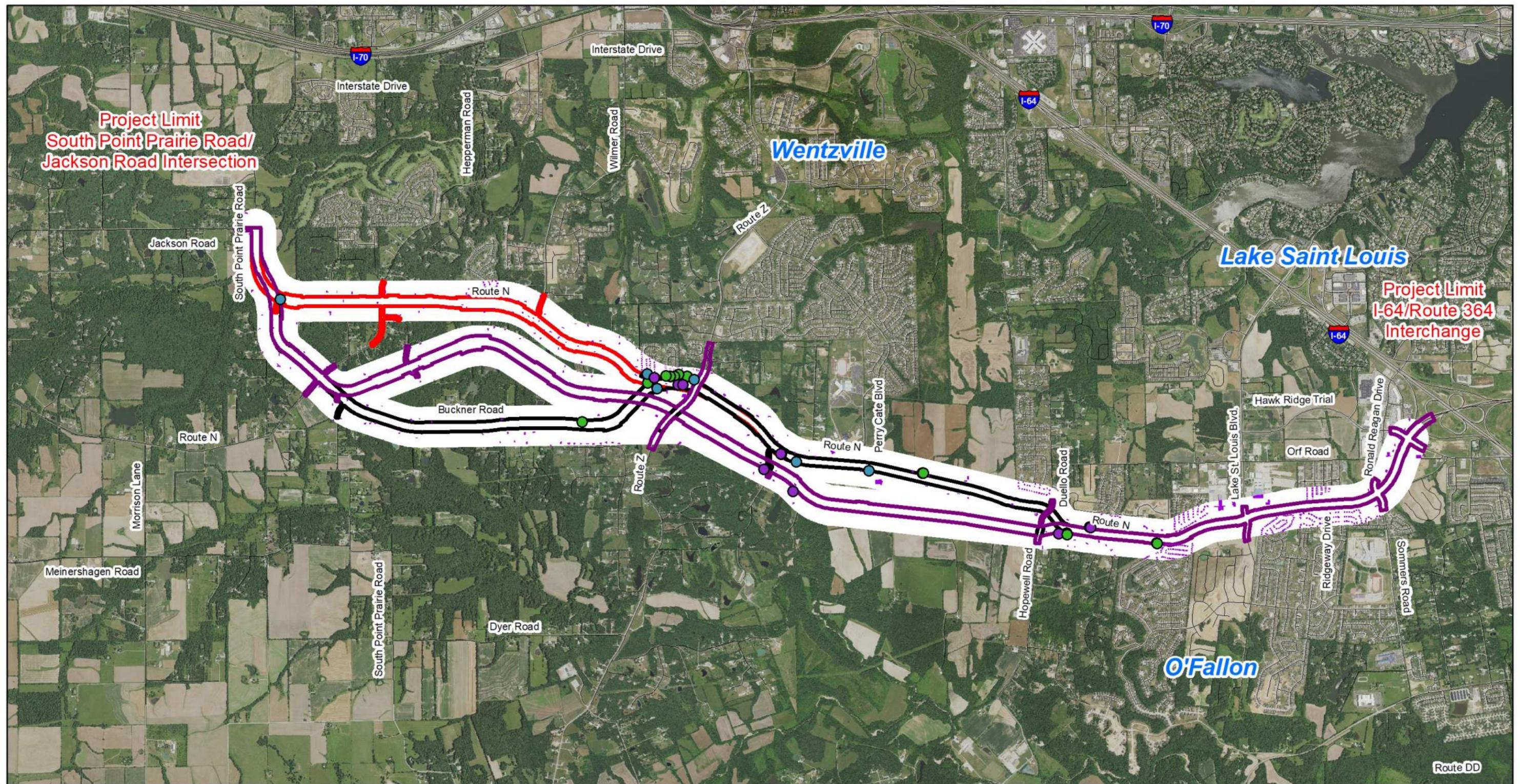
Appendix A Exhibits



- Sites with Potential for Impacts
- Recorded Oil and Gas Wells
- Other Recorded Wells
- Study Area
- Reasonable Alternatives**
- Buckner (BR)
- Improve Existing (IE)
- Near South (NS)

Exhibit 3-1
Regulated Materials - Sites with Potential for Impacts
Route N Environmental Assessment





Impacted Receptors

- Buckner - 10 Receptors
- Improve Existing - 11 Receptors
- Near South - 10 Receptors

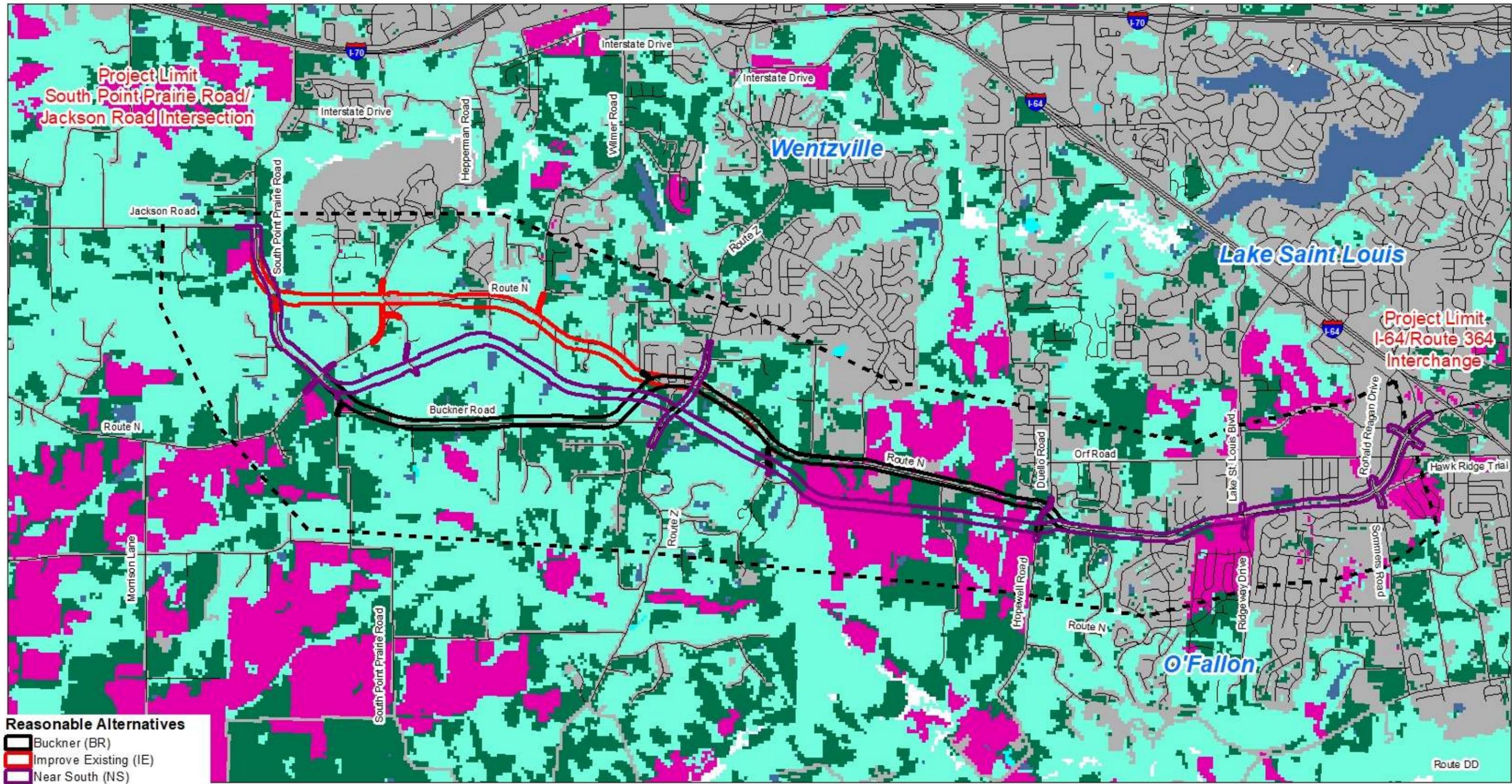
Reasonable Alternatives

- Near South (NS)
- Improve Existing (IE)
- Buckner (BR)

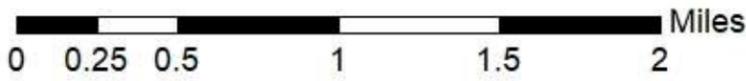


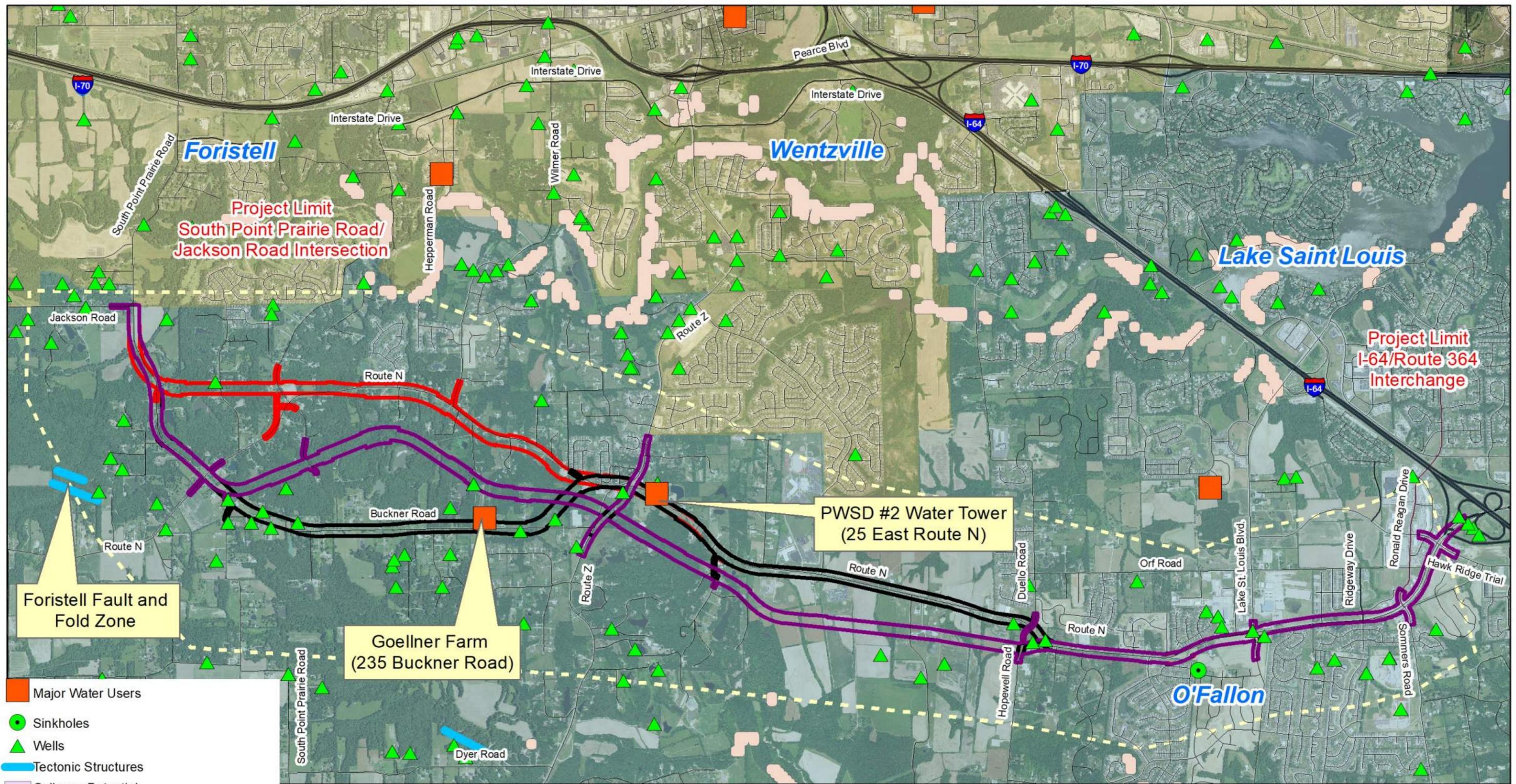
Exhibit 3-2
Reasonable Alternatives and Modeling Receptors
Route N Environmental Assessment





**Exhibit 3-3
Terrestrial Habitats
Route N Environmental Assessment**

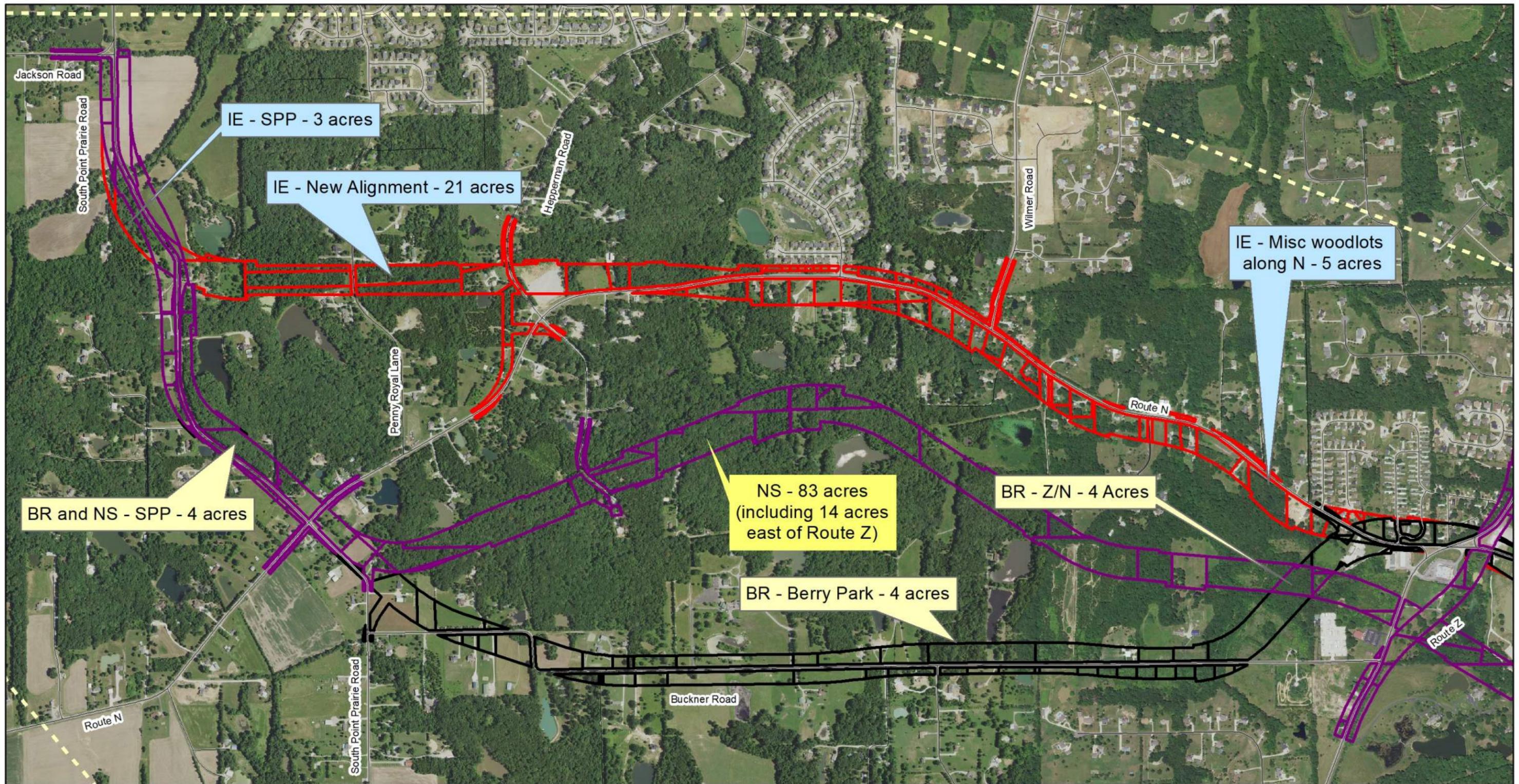




- Major Water Users
- Sinkholes
- ▲ Wells
- Tectonic Structures
- Collapse Potential
- Landslide Potential
- Buckner (BR)
- Improve Existing (IE)
- Near South (NS)
- Study Area
- Water Service Provider**
- PUBLIC WATER SUPPLY DISTRICT #2
- CITY OF WENTZVILLE WATER SERVICE

Exhibit 3-4
Groundwater and Drinking Water Resources
Route N Environmental Assessment



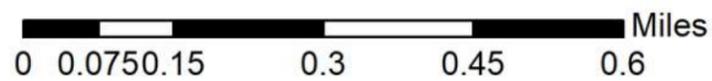


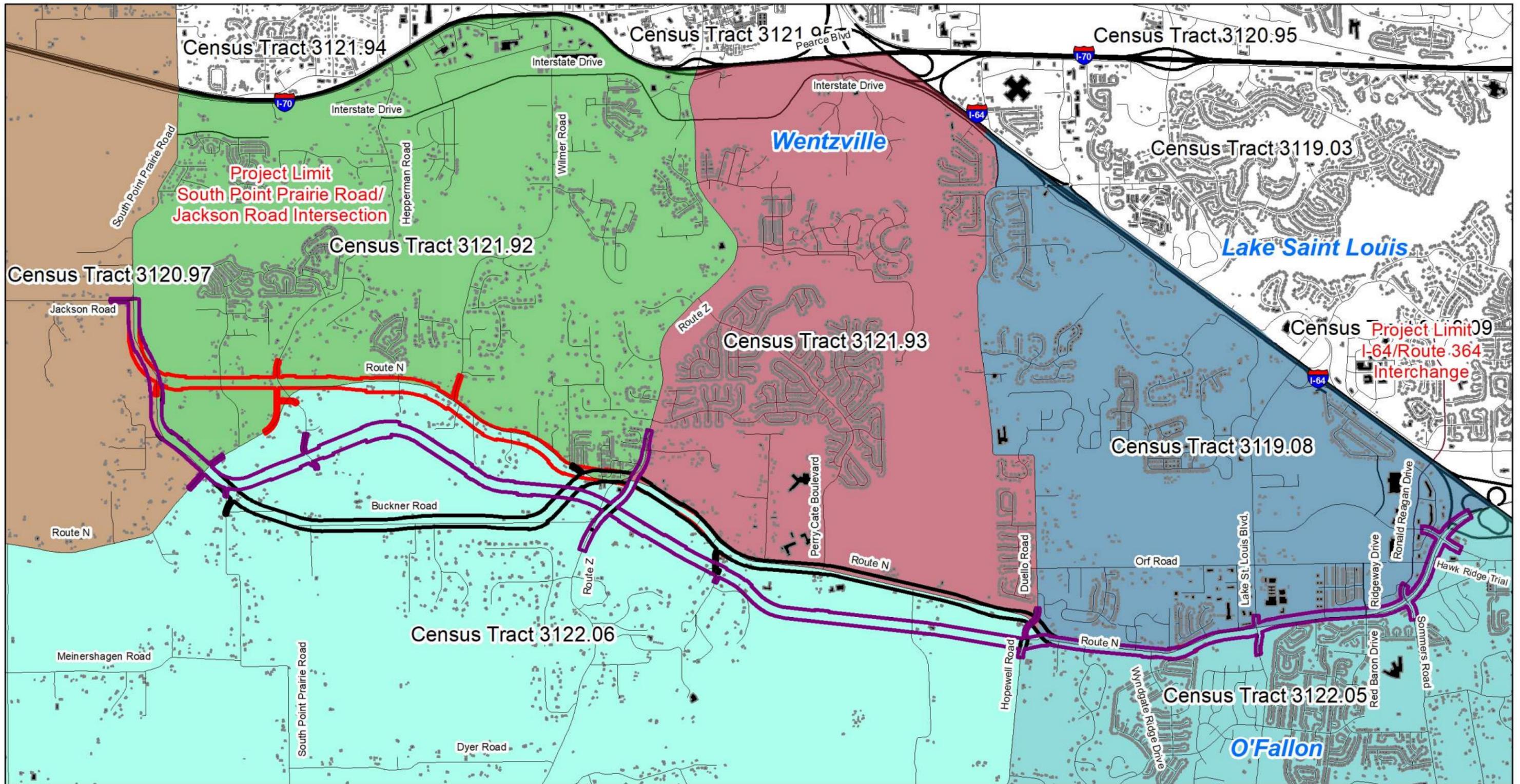
Reasonable Alternatives

- ▭ Improve Existing (IE)
- ▭ Buckner (BR)
- ▭ Near South (NS)



**Exhibit 3-5
Woodlands Beyond 100 Feet of Existing Roads
Route N EA**





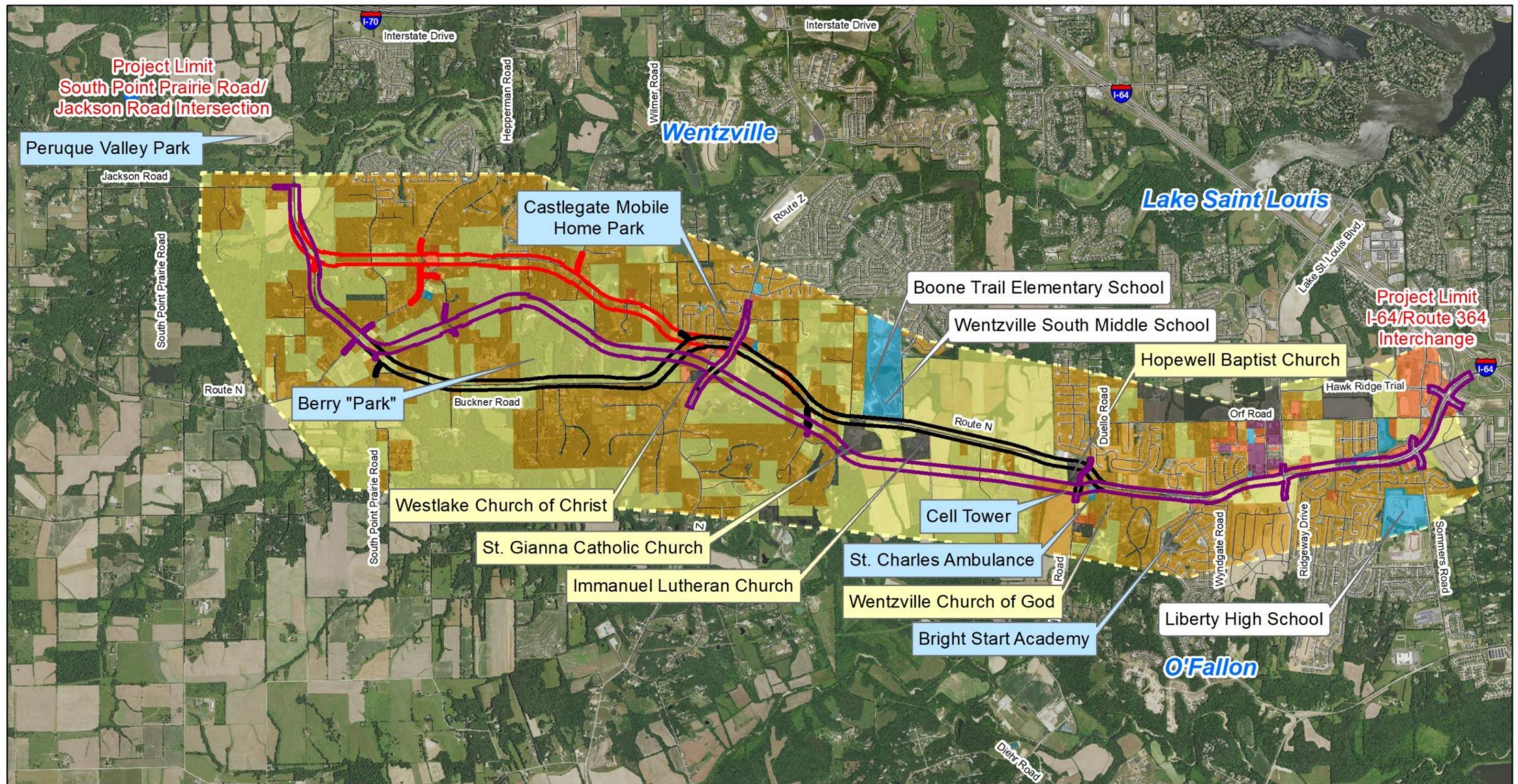
Reasonable Alternatives

- Near South (NS)
- Improve Existing (IE)
- Buckner (BR)
- Building Footprints
- Census Tract 3119.08
- Census Tract 3120.97
- Census Tract 3121.92
- Census Tract 3121.93
- Census Tract 3122.05
- Census Tract 3122.06



**Exhibit 3-6
Demographic Data - Census Tracts
Route N Environmental Assessment**





Reasonable Alternatives

- Buckner (BR)
- Improve Existing (IE)
- Near South (NS)

Land Use

- Church
- Farm
- Institutional
- Commercial
- Industrial
- Residential



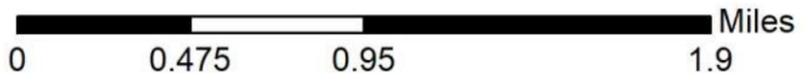
Exhibit 3-7
Land Use and Important Uses
Route N EA

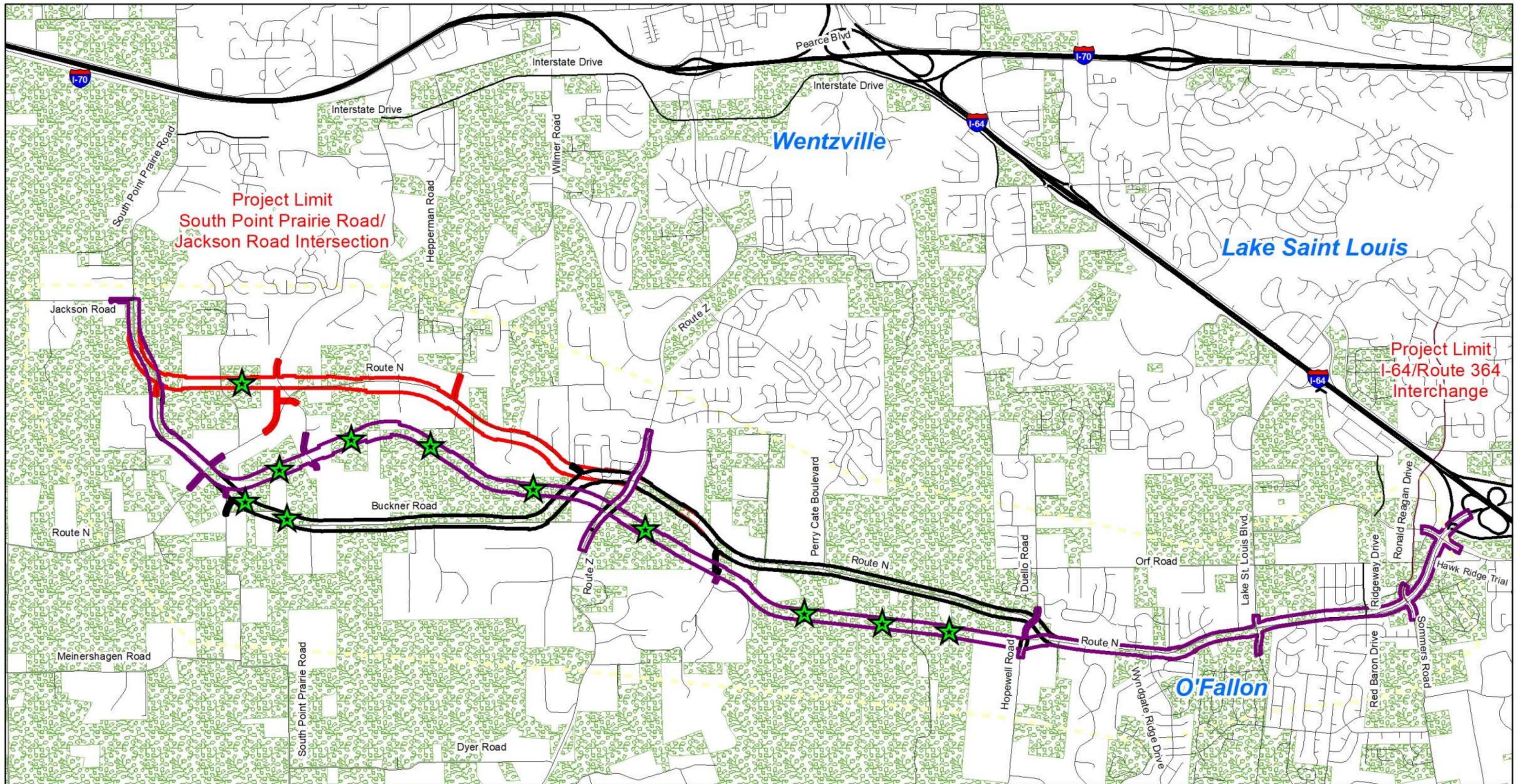




- LEGEND**
- Impacted Wetlands
 - All Wetlands
- Reasonable Alternatives**
- Buckner
 - Improve Existing
 - Near South
- MO 1995 State Hydrography
 - Floodplain
 - Study Area

**Exhibit 3-8: Streams, Floodplains and Wetlands
Route N Environmental Assessment**





★ Farmstead Bisection

Study Area

Reasonable Alternatives

■ Buckner (BR)

■ Improve Existing (IE)

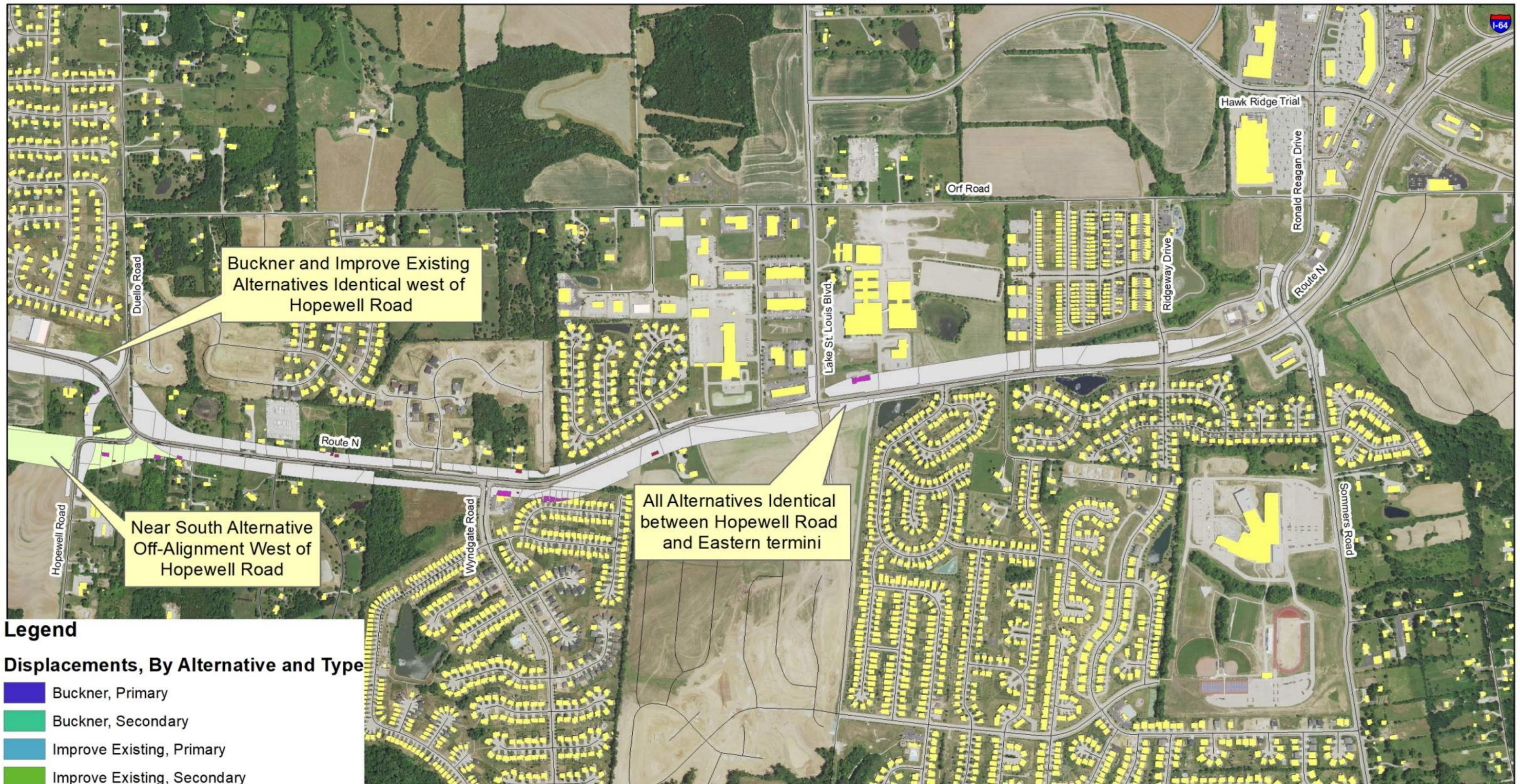
■ Near South (NS)

■ Agricultural



Exhibit 3-9 Farmstead Bisections Route N Environmental Assessment





Legend

Displacements, By Alternative and Type

- Buckner, Primary
- Buckner, Secondary
- Improve Existing, Primary
- Improve Existing, Secondary
- Near South, Primary
- Near South, Secondary
- Building Footprints
- Parcel Acquisition (Buckner)
- Parcel Acquisition (Near South)
- Parcel Acquisition (Improve Existing)

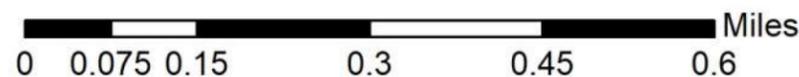


Exhibit 3-10 (east)
Displacements and Parcel Acquisition
I-64 to Hopewell Road
Route N Environmental Assessment



Veinity Map





Legend

Displacements, By Alternative and Type

- Buckner, Primary
- Buckner, Secondary
- Improve Existing, Primary
- Improve Existing, Secondary
- Near South, Primary
- Near South, Secondary
- All Building Footprints
- Parcel Acquisition (Buckner)
- Parcel Acquisition (Near South)
- Parcel Acquisition (Improve Existing)

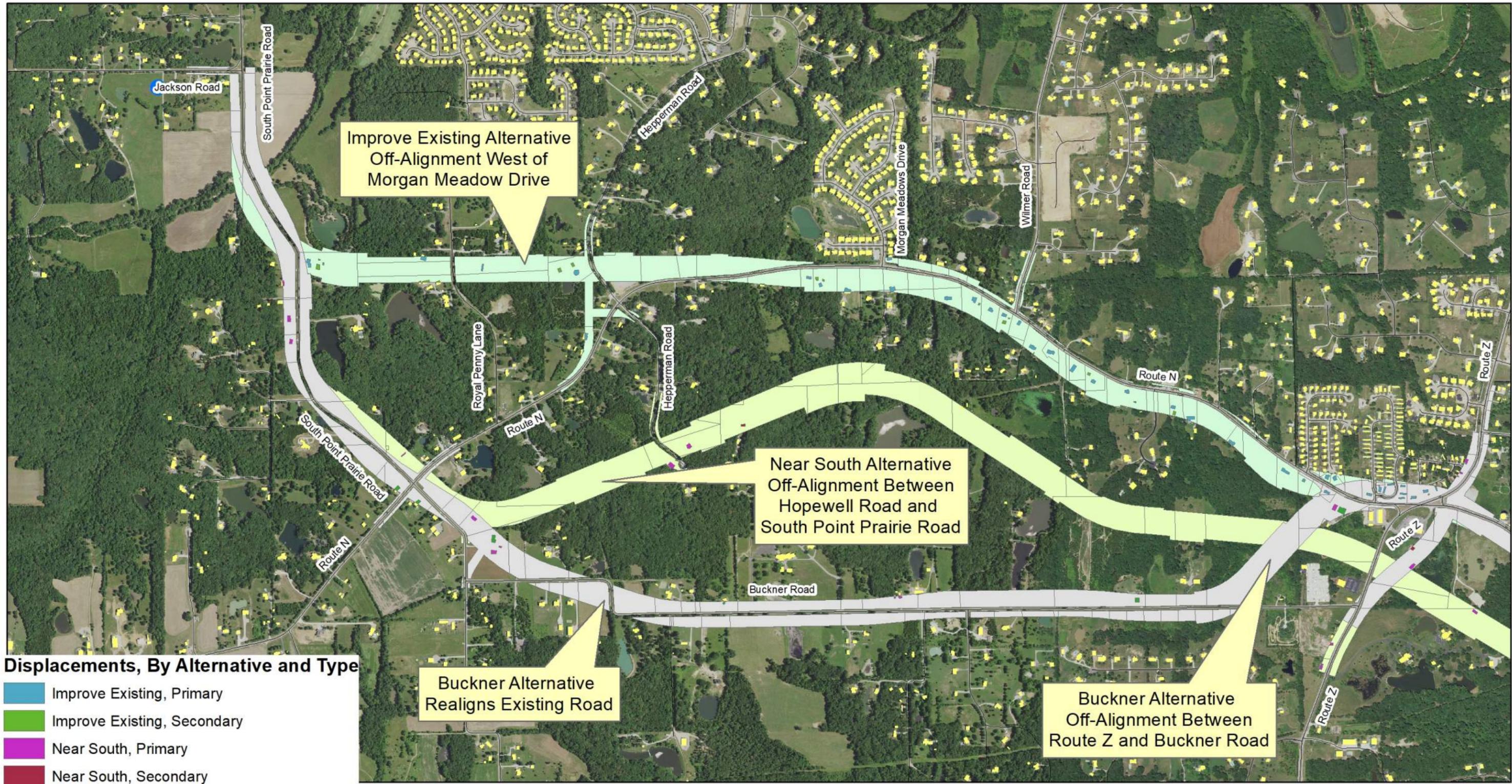


**Exhibit 3-10 (center)
Displacements and Parcel Acquisition
Route Z to Hopewell Road
Route N Environmental Assessment**



Veinity Map





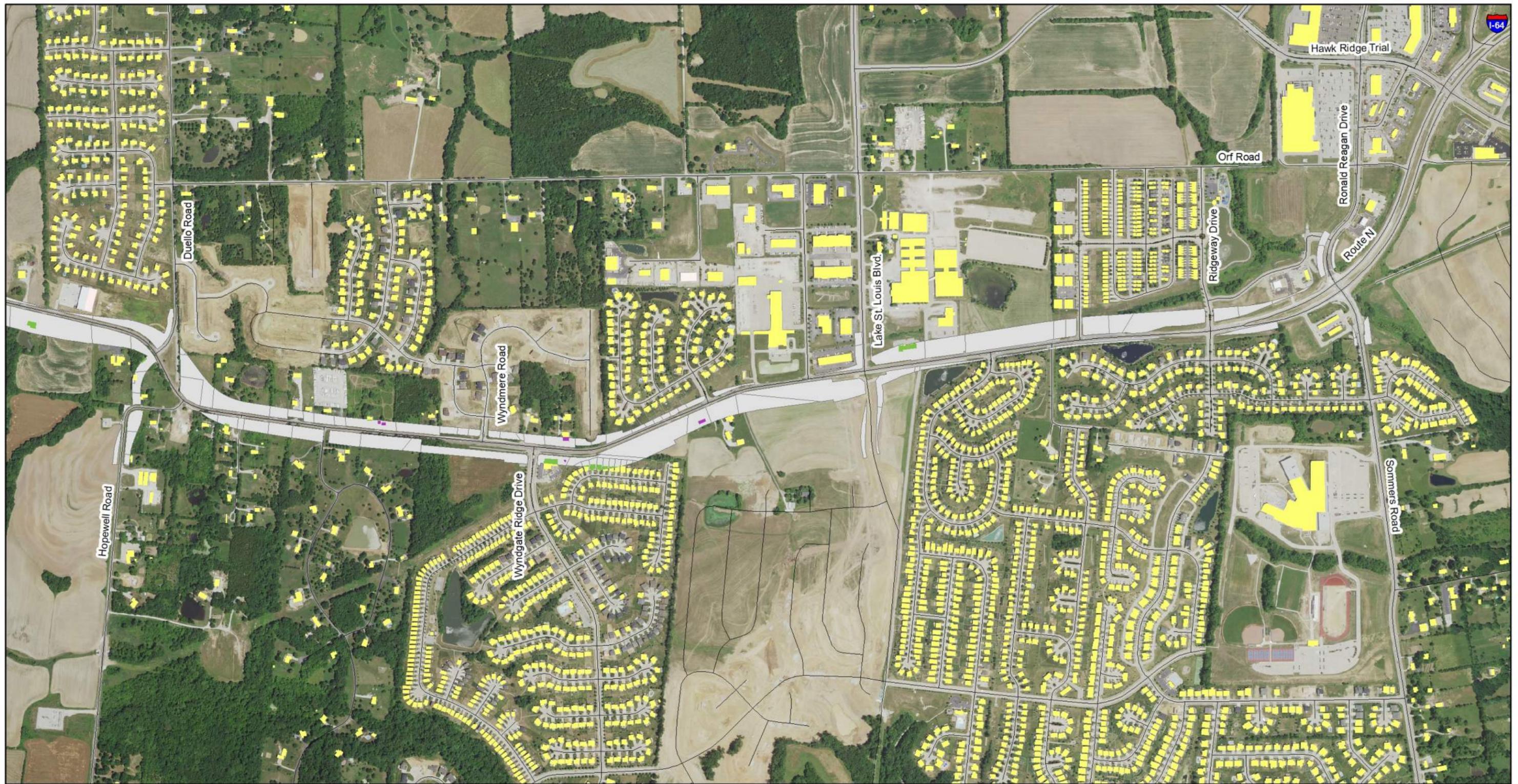
Displacements, By Alternative and Type

- Improve Existing, Primary
- Improve Existing, Secondary
- Near South, Primary
- Near South, Secondary
- Buckner, Primary
- Buckner, Secondary
- All Building Footprints
- Parcel Acquisition (Buckner)
- Parcel Acquisition (Near South)
- Parcel Acquisition (Improve Existing)



Exhibit 3-10 (west)
Displacements and Parcel Acquisition
Between Route Z and Jackson Road
Route N Environmental Assessment



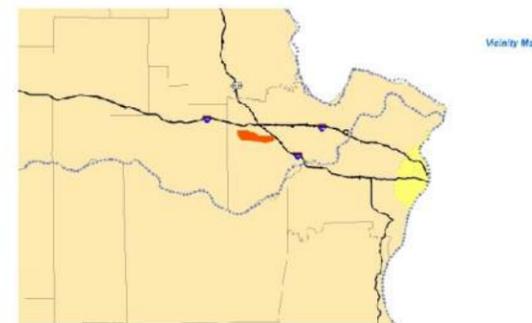
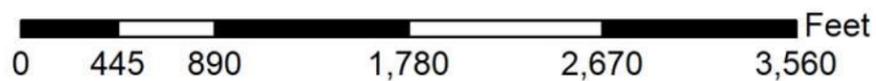


Displacements by Building Type

- Primary Structures
- Secondary Structures
- Building Footprints
- Parcel Acquisition (Preferred Alternative)



Exhibit 4-1 (east)
Preferred Alternative
Hopewell Road to Eastern Termini
Route N Environmental Assessment

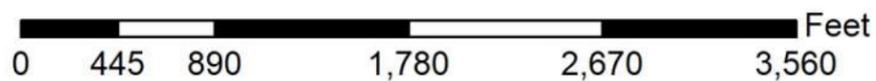




- Displacements by Building Type
- Primary Structures
 - Secondary Structures
 - Building Footprints
 - Parcel Acquisition (Preferred Alternative)



**Exhibit 4-1 (center-east)
Preferred Alternative
Route Z to Hopewell Road
Route N Environmental Assessment**



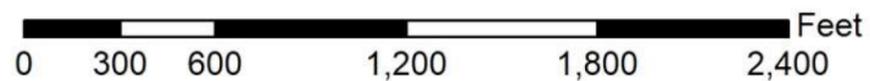


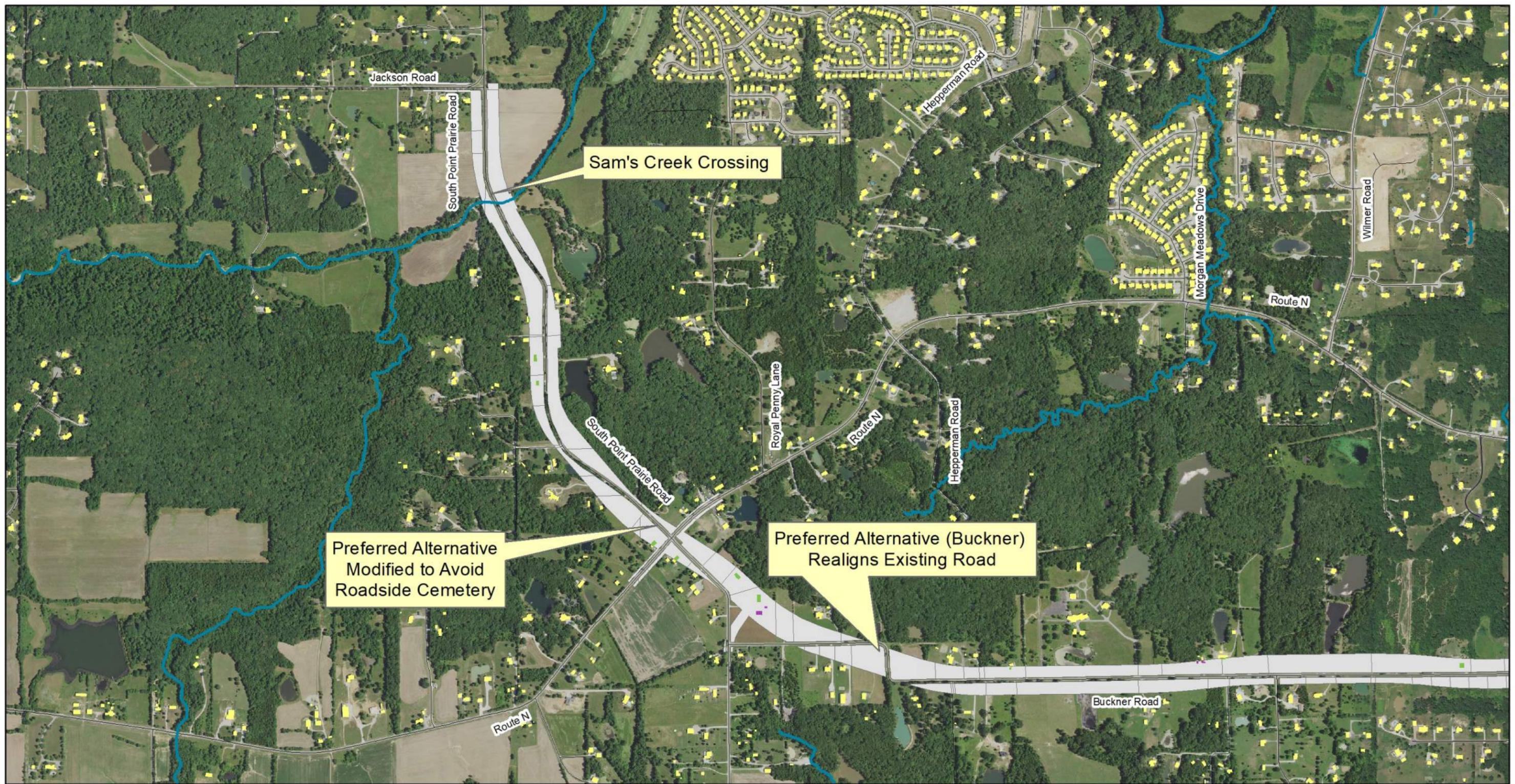
Displacements by Building Type

- Primary Structures
- Secondary Structures
- Building Footprints
- Parcel Acquisition (Preferred Alternative)



**Exhibit 4-1 (center-west)
Preferred Alternative
Between Route Z and Oak Post Road
Route N Environmental Assessment**



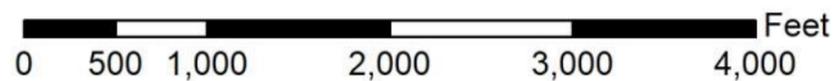


Displacements by Building Type

- Primary Structures
- Secondary Structures
- Parcel Acquisition (Preferred Alternative)
- Building Footprints



**Exhibit 4-1 (west)
Preferred Alternative
Between Route Z and Jackson Road
Route N Environmental Assessment**



1
2
3

Appendix B

Impact Matrices

COMMUNITY IMPACT SUMMARY TABLE
REASONABLE ALTERNATIVES
ROUTE N NEPA STUDY

EVALUATION FACTORS/IMPACTS/CONFIGURATION	Standard/Data Type	ALTERNATIVE IE	ALTERNATIVE BR	ALTERNATIVE NS	NO-BUILD	Conclusions
		“Improve Existing”	“Buckner Road”	“Near South”	“No New Elements”	
PROPERTY ACQUISITION – Structures	# and Type	<ul style="list-style-type: none"> Total: 100 Residences: 67 Commercial Businesses: 2 Institutional Uses: 2 Secondary Buildings: 29 	<ul style="list-style-type: none"> Total: 63 Residences: 44 Commercial Businesses: 2 Institutional Uses: 1 Secondary Buildings: 16 	<ul style="list-style-type: none"> Total: 55 Residences: 37 Commercial Businesses: 2 Institutional/Government Uses: 2 Secondary Buildings: 14 	None	<p>Related to Community Impacts, the Reasonable Alternatives have the following Impacts:</p> <p>Alternative IE will have the most displacements and affected parcels, the shortest corridor length, maintain/improve the existing roadway, have the most driveways and intersections to reconfigure, is generally in accordance with existing planning and will have no impacts to historic or recreational resources.</p> <p>Alternative BR will bypass an area of Route N with difficult to improve curves/crests, has fewer driveways and intersections, it will continue to use the existing Route N/Z intersection, it most closely adheres to planning goals and will have no impacts to Historic or Recreational Resources</p> <p>Alternative NS will have the fewest displacements and affected parcels, the fewest driveway/local road intersections, it has the largest portion of roadway on new alignment which will allow for simplified construction period but will also impact previously unaffected lands and residences. It also presents the potential for an unplanned for amount of suburban sprawl, it will also have no impacts to Historic or Recreational Resources</p>
PROPERTY ACQUISITION – Acres	Parcels and Acreage	<ul style="list-style-type: none"> Number of Affected Parcels: 307 Right-of-Way Acquisition: 221 acres 	<ul style="list-style-type: none"> Number of Affected Parcels: 295 Right-of-Way Acquisition: 226 acres 	<ul style="list-style-type: none"> Number of Affected Parcels: 238 Right-of-Way Acquisition: 272 acres 	None	
TRAVEL IMPACTS	Descriptive unless relevant data exists	<p>Pros: Shortest Distance</p> <p>Cons: Maintains Existing Intersections</p>	<p>Pros: Fewer Minor Road Intersections</p> <p>Cons: Places Route N traffic onto Buckner Road</p>	<p>Pros: Fewer Minor Road Intersections</p> <p>Cons: Much of alternative does not make use of existing R/W</p>	Increasing Delays Expected	
DRIVEWAY IMPACTS	Number of Driveways Affected	92 Driveways	73 Driveways	37 Driveways	104 Driveways	
AT-GRADE INTERSECTIONS	Number	39 Intersections	29 Intersections	27 Intersections	39 Intersections	
SIGNALIZED INTERSECTION IMPACTS	Additional Signalized Intersections	7 additional (11 total in corridor)	7 additional (11 total in corridor)	7 additional (11 total in corridor)	0 additional (4 total in corridor)	
RECREATIONAL IMPACTS	Location and Type	No Impact	No Impact	No Impact	No Impact	
CONSISTENCY WITH PLANNING – St. Charles County Land Use Plan	<p>Does the alternative:</p> <ol style="list-style-type: none"> Provide efficient movements Ensure adequate roads Reduce traffic in residential areas 	<p>Pros: Maintains Existing Movements, Roadways and Traffic in Residential Areas</p>	<p>Pros: Efficient Movements & Adequate Roadways</p> <p>Cons: Changes the function of Buckner Road</p>	<p>Pros: Efficient Movements & Adequate Roadways</p> <p>Cons: Increases Traffic in Residential Areas</p>	Maintains Existing Configuration	
CONSISTENCY WITH PLANNING – St. Charles County Thoroughfare Plan	<p>Does the alternative affect:</p> <ol style="list-style-type: none"> Urban Service Areas Activity Centers Mixed Use Commercial Activity Centers 	Improves Existing Configuration	Configuration Depicted in Thoroughfare Plan	Bypasses Route N/Z Regional Activity Center	Maintains Existing Configuration	
CONSISTENCY WITH PLANNING – Connected 2045 (EWG)	Status Investment Plan Compliance	Improves Existing Regional Roadway Network	Changes to Buckner have the Potential for a Minor Amount of Sprawl	New Alignment has the Potential for Major Amounts of Sprawl	Maintains Existing Regional Network	
CONSISTENCY WITH PLANNING – St. Charles County TIP	Impact on projects 17-017, 018 and 019	No Impact	No Impact	No Impact	No Impact	
HISTORIC RESOURCE IMPACTS	Archival Review Results	No Impact	No Impact	No Impact	No Impact	

ENGINEERING IMPACT SUMMARY TABLE REASONABLE ALTERNATIVES ROUTE N NEPA STUDY						
EVALUATION FACTORS/IMPACTS/CONFIGURATION	ALTERNATIVE IE	ALTERNATIVE BR	ALTERNATIVE NS	NO-BUILD	Conclusions	
	"Improve Existing"	"Buckner Road"	"Near South"	"No New Elements"		
BASE ROADWAY FEATURES	6-12' lanes from Route 364 to Sommers Road 4-12' lanes from Sommers Road to Hepperman Road 2-12' lanes from Hepperman Road to Jackson Road Paved shoulders on both sides of Route N 16' center median/turn lane			Existing conditions remain	<p>Related to Engineering Impacts, the Reasonable Alternatives have the following impacts:</p> <p>Alternative IE will have the smallest corridor footprint but will have the highest construction cost. It will also have the greatest impact to travel on existing Route N during construction.</p> <p>Alternative BR will have the second lowest corridor footprint and the lowest construction cost. During construction, it will impact existing Route N traffic east of Route Z.</p> <p>Alternative NS will have the largest corridor footprint and second highest construction cost. It will have the least impact to existing Route N traffic during construction</p>	
TRAFFIC ANALYSIS						
Intersections Operating at LOS F	0	0	0	8		
New Traffic Signals Required	9	6	7	6		
Highway Safety Manual Predicted Crashes per Year (Fatal or Injury/Property Damage Only/Total)	N/A (Analysis performed for Tentative Preferred and No Build Only)	69 / 139 / 208	N/A (Analysis performed for Tentative Preferred and No Build Only)	61 / 124 / 185		
PROPERTY ACQUISITION AND LAND USE						
Residential	98 acres	76 acres	84 acres	0 acres		
Agriculture	101 acres	128 acres	174 acres			
Commercial	10 acres	11 acres	5 acres			
Industrial	<1 acres	<1 acres	<0 acres			
Institutional	12 acres	11 acres	9 acres			
Total Expected Acquisition	221 acres	226 acres	272 acres			
COST (2020 dollars)	\$88.0 M Construction \$74.0 M R/W \$162.0 M Total	\$79 M Construction \$68.5 M R/W \$147.5 M Total	\$83.0 M Construction \$58.5 M R/W \$141.5 M Total	Maintenance costs only		
CONSTRUCTION IMPACTS	All of existing Route N impacted during construction	Route N east of Route Z impacted during construction	Majority of existing Route N not impacted during construction	No impact		
STORMWATER SYSTEM	Enclosed drainage from Route 364 to Route Z Open drainage from Route Z to Jackson Road	Enclosed drainage from Route 364 to Route Z Open drainage from Route Z to Jackson Road	Enclosed drainage from Route 364 to Hopewell/Duello Open drainage from Hopewell/Duello to Jackson Road	Open drainage for entire length		
MAXIMUM GRADE (Vertical Alignment)	5%	5%	5%	Exceeds 5% in locations		
DESIGN SPEED	45 MPH	45 MPH	45 MPH	Varies, below 45 MPH in some locations		

ENVIRONMENTAL IMPACT SUMMARY TABLE
REASONABLE ALTERNATIVES
ROUTE N NEPA STUDY

EVALUATION FACTORS/IMPACTS/CONFIGURATION	Standard/Data Type	ALTERNATIVE IE	ALTERNATIVE BR	ALTERNATIVE NS	NO-BUILD	Conclusions
		“Improve Existing”	“Buckner Road”	“Near South”	“No New Elements”	
AGRICULTURAL IMPACTS	Farm Lot Bisections	1 Bisection	2 Bisections	8 Bisections	0 Bisections	<p>Related to Environmental Impacts, the Reasonable Alternatives have the following Impacts:</p> <p>Alternative IE will largely maintain the existing agricultural configuration. It will also largely maintain the existing noise and visual environment. Habitat impacts are limited.</p> <p>Alternative BR will change a rural/low volume road to a more urban/high volume configuration.</p> <p>Alternative NS will bisect numerous farmsteads. It will also place an urban/high volume configuration in an area where one doesn't exist. This will have noise and visual impacts. This alternative will also more extensively use wooded habitat that may provide summer bat roosting habitat.</p>
NOISE IMPACTS	Number of Traffic Noise Impacts	11	10	10	13	
VISUAL/AESTHETIC IMPACTS	Description	Largely maintains existing views	Changes a rural/low volume road to a more suburban/high volume configuration	Places a suburban/high volume configuration in an area where roads don't exist	N/A	
TERRESTRIAL HABITAT IMPACTS						
Developed/Urban	Acres	48	38	45	N/A	
Water		5	5	8		
Agriculture		13	19	26		
Grasslands		79	91	84		
Evergreen		13	11	12		
Deciduous Forest		54	54	85		
Barren		9	8	12		
<i>Total Corridor Size (not including impacts within existing R/W)</i>		221	226	272		
FLOODPLAIN ENCROACHMENTS	Acres/Type of Crossing	<ul style="list-style-type: none"> Sam's Creek at South Point Prairie (Existing) Oday Creek at Ronald Reagan (Existing) 	<ul style="list-style-type: none"> Sam's Creek at South Point Prairie (Existing) Oday Creek at Ronald Reagan (Existing) 	<ul style="list-style-type: none"> Sam's Creek at South Point Prairie (Existing) Oday Creek at Ronald Reagan (Existing) 	N/A	
WATERWAY IMPACTS	Number of Crossings	3 Peruque Creek 1 Dardenne Creek	1 Peruque Creek 1 Dardenne Creek	3 Peruque Creek 1 Dardenne Creek	N/A	
WETLAND IMPACTS	Number/Acres	12 Pond/PEM complexes Expected Impact: 0.7 ac	8 Pond/PEM complexes Expected Impact: 1.1 ac	8 Pond/PEM complexes Expected Impact: 1.4 ac	N/A	
ENDANGERED SPECIES IMPACTS	Species/Location	Moderate amount of potential habitat encroachment	Least amount of potential habitat encroachment	Highest amount of potential habitat encroachment		
REGULATED MATERIAL IMPACTS	Number/Type	<ul style="list-style-type: none"> 9 sites with medium to high potential for impacts to soil or groundwater <ul style="list-style-type: none"> All sites are common car, fuel or storage tank uses Only 1 site is located in an area where the alternatives differ 			N/A	
ENVIRONMENTAL JUSTICE IMPACTS	Type/Location	None Expected	None Expected	None Expected	N/A	

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Appendix C

2

Purpose and Need Appendices

Appendix A

Overview of Transportation Planning Affecting the Study Area

Many planning studies affect the Route N project. These will be discussed in this section. The Route N corridor is covered by several layers of transportation planning.

MoDOT Transportation Planning - Route N is identified as a Minor Arterial in the MoDOT's State System Classification. Route Z is also a Minor Arterial. See **Figure 7**.

MoDOT is responsible for one of the largest state-jurisdiction road systems in the United States. Missouri has recently embarked on an access management program and has focused on utilizing access management mainly to meet safety, traffic operations, and economic development goals.

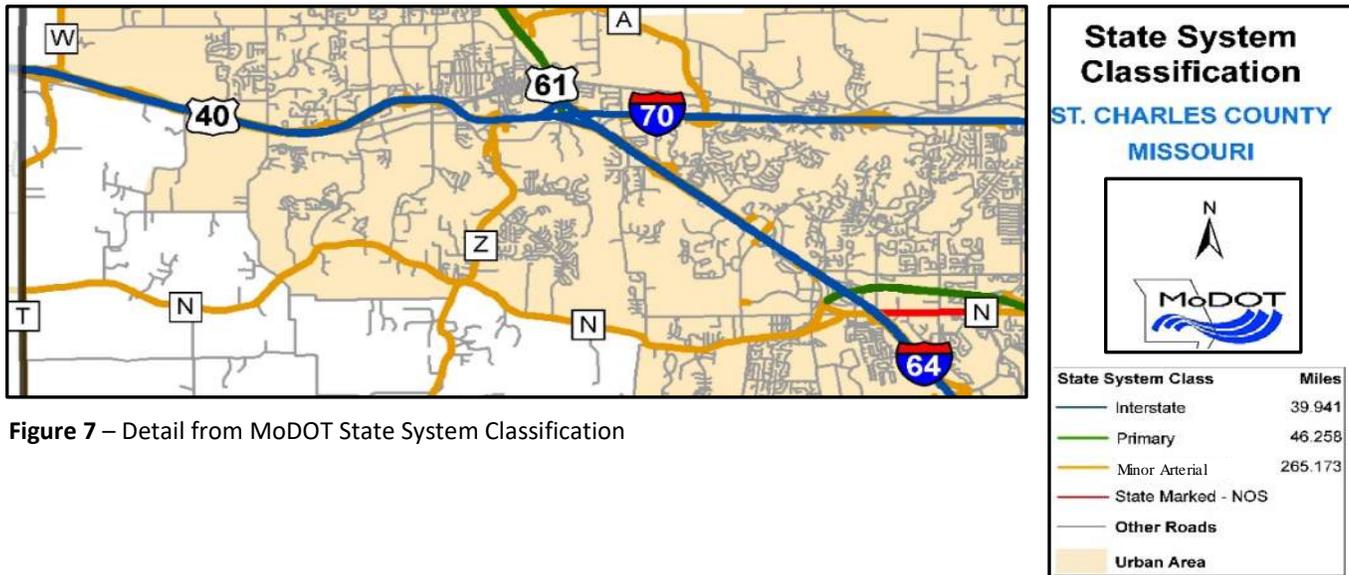


Figure 7 – Detail from MoDOT State System Classification

MoDOT has adopted a Transportation Asset Management Plan (TAMP - April 2018) approach to make the best decisions for investments in maintaining its highways and bridges. The TAMP also keeps the department in compliance with the requirements put forth in the federal surface transportation act, known as the Fixing America's Surface Transportation Act or the FAST Act.

Because of the growth of this portion of St. Charles County, MoDOT considers as a roadway that serves more than local traffic but regional traffic needs. In other words, MoDOT considers Route N as contributing to enhanced connectivity of current and future major roadways connecting interstates and major arterials.

MoDOT planning studies within the vicinity of the Route N corridor include the I-70 Tier I EIS (<http://www.improvei70.org/header.htm>) and the I-70 Tier II EIS (http://www.improvei70.org/4_local_main.html#). Both studies analyzed improvements to I-70 across the entirety of Missouri..

1 **East-West Gateway Planning** - The East-West Gateway Council of Governments (EWG) is the region's federally
2 designated Metropolitan Planning Organization (MPO). To guide decision-making and comply with the current
3 federal transportation legislation EWG has established the following ten (10) Guiding Principles:

- 4 1. Ensure the transportation system remains in a state of good repair.
- 5 2. Invest in public transportation to spur economic development, protect the environment and improve
6 quality of life.
- 7 3. Connect communities to opportunities and resources across the region.
- 8 4. Improve access to and mobility within the central core by all modes to increase the attractiveness of St.
9 Louis and strengthen the regional economy.
- 10 5. Provide a system that offers a high degree of multi-modal connectivity, mobility and accessibility
- 11 6. Create viable alternatives to automobile travel by providing bicycle and pedestrian facilities.
- 12 7. Provide a safe and secure transportation system for all users.
- 13 8. Reduce congestion and improve travel time reliability to support the diverse economic sectors of the
14 region.
- 15 9. Support the growth of wealth producing jobs that allow residents to save and return money to the
16 economy.
- 17 10. Encourage investments that recognize the linkages between the social, economic, and natural fabric of
18 the region.

19 The investigation of improving Route N is included in their planning. The Connected 2045 Long-Range
20 Transportation Plan (Connected 2045), is the EWG's Regional Transportation Plan (RTP). Connected 2045
21 documents how the St. Louis region's surface transportation will develop between the years 2016 and 2045. The
22 intent of Connected 2045 is to oversee the development of short and long-range transportation projects for the
23 region and to select capital projects and operating initiatives that will qualify for federal funds. All regionally
24 significant projects, regardless of funding, must be included in the RTP or be consistent with the principles of the
25 RTP. The RTP is updated every four years.

26 The Regional Transportation Plan is also required to be fiscally constrained. Base-line financial projections
27 indicate that revenues will be below what is needed to adequately maintain its existing road and bridge system.
28 This is largely an effect of having insufficient state revenues after 2016 to fully match federal funds. Based on
29 current projections, that situation would continue for nearly a decade. This means that MoDOT would be in a
30 maintenance-only mode for most of the planning period. This Route N study is determined to not fit within the
31 region's constraints within the 2016 to 2045 funding cycles but is listed as a "Recommended Corridor Study" in
32 the Long Range Plan.

33 **Gateway Bike Plan** - The Gateway Bike Plan was the result of a cooperative effort between the Great Rivers
34 Greenway District, East-West Gateway Council of Governments, City of St. Louis, the Counties of St. Louis and St.
35 Charles, Metro, Trailnet and the Missouri Department of Transportation. The Great Rivers Greenway District
36 provided funding for development of the Plan and played a key role in coordinating and reviewing the
37 development of the document.

38 The primary purpose of the Plan is to provide a coordinated vision for accommodating and encouraging bicycling
39 as a viable transportation mode in the region. The Plan incorporated citizen/stakeholder input, facility design
40 standards, and the analysis of constraints and opportunities. Additionally, the Plan was envisioned to be the
41 source reference document as the Regional Bicycle Network is developed over the next 20 years. Implementation
42 of the Regional Bicycle Network will result from careful planning and project integration among a variety of public
43 agencies. It is anticipated that through coordination on new road construction or refurbishment, opportunities to
44 expand the bicycle network will arise over time. As projects are planned and designed and funding becomes
45 available, bicycle facilities should be considered and implemented.

1 The Plan recommends a Buffered Bike Lane or Cycle Tract on Route N between Lake St. Louis Boulevard and
2 Sommers Road.

3 **Great Rivers Greenway River Ring Plan** - The Great Rivers Greenway District has spearheaded the development of
4 the “River Ring”—a 600-mile, interconnected system of greenways, parks, and trails that will connect the St. Louis
5 region. Great Rivers Greenway is funded by a one-tenth of 1-cent sales tax.

6 The purpose of the River Ring system is to improve the quality of life throughout the region while creating an
7 enduring legacy that will be shared with future generations. Great Rivers Greenway has the goal of 1) Connecting
8 Communities and Neighborhoods; 2) Preserve and Connect People to Nature; 3) Improve Economic Vitality; 4)
9 Provide Transportation Choices; and 5) Promote Good Health.

10 In 2009, Great Rivers Greenway Board of Directors allocated some of its resources to fund the Gateway Bike Plan
11 for St. Louis County, the City of St. Louis, and St. Charles County. There are currently no greenway projects
12 affected by Route N.

13 **St. Charles County Planning** - Relative to the transportation planning process, the Route N corridor is included in
14 the St. Charles County’s Envision 2025 Master Plan. The Transportation element of the County’s Master Plan
15 identifies that:

- 16 • In many areas, cars are the only option for getting around the county;
- 17 • Land use planning and transportation planning are not always well coordinated; and
- 18 • Improving the transportation system is expensive.

19 Route Z serves as an approximate boundary between the rural and suburban portions of the Route N corridor.
20 For example, the portion of Route N, between I-64 and Route Z is classified as a Minor Arterial. Minor arterials
21 are projected to handle a higher traffic load - an average of 7,500 to 20,000 vehicles per day (ADT). West of Route
22 Z, Route N is classified as a Rural Major Collector, projected to handle between 2,500 to 7,500 ADT. Based on
23 2018 traffic counts, daily traffic on Route N ranges from 3,000 vehicles west of Route Z to more than 24,000 east
24 of Route Z (see **Table 2**). In addition to traffic volumes, roadway classifications exist along a graduated scale for
25 spacing, length, connectivity and adjacent land uses. The classifications of the other roadways in the vicinity are
26 shown in **Table 1**.

27 Transit usage in this portion of St. Charles County is extremely low. Transit services within the Route N corridor is
28 limited to OATS Transit, which offers a shared-ride, demand-response, and door-to-door service. Some OATS
29 routes have a set fare while some routes are donation based as they may be covered by agencies like the Area
30 Agency on Aging. The city of O’Fallon also operates the Senior Transportation and Rides (STAR) Program. As
31 these services are very limited, transit services are not a notable element of this study.

32 There is a railroad in the vicinity of the Route N study area. The Norfolk and Southern Railroad essentially
33 parallels Interstate 70 from St. Charles to Forstell. This railway serves companies and facilities within the
34 industrialized areas of St. Peters, O’Fallon and Wentzville. This line is included into the study area of the David
35 Hoekel Parkway (DHP). The DHP is discussed in **Section D.1**.

36 **City of Wentzville Planning**

37 The City of Wentzville completed the David Hoekel Parkway (DHP) EA in November 2014. The DHP EA analyzed
38 improvements along a new alignment from US 61 north of Route P to just south of I-70 (west of South Point
39 Prairie Road) at the intersection of South Point Prairie Road and Jackson Road
40 ([http://www.wentzvillemo.org/departments/public_works/david_hoekel_parkway_\(general_information\).php](http://www.wentzvillemo.org/departments/public_works/david_hoekel_parkway_(general_information).php)).

41

Appendix B Overview of Land Use Planning Affecting the Study Area

The planning studies that affect the Route N NEPA Study are discussed below. The Route N corridor is covered by several layers of land use planning.

St. Charles County Future Land Use Plan - The St. Charles County Future Land Use Plan provides a framework for future development through 2025. **Figure 8** shows the land use plan for the study area. The concepts (Vision, Goals and Strategy statements) behind the 2025 Future Land Use Plan that are important to the Route N NEPA Study include:

Development within the Urban Service Area - The study area is within the Urban Service Area (USA). It is expected that most urban development should and will occur within this area. New urban residential neighborhoods, with supporting businesses and services, will be directed into this area that is generally contiguous with existing development.

Utilization of Activity Centers – Activity Centers are places designed to be somewhat pedestrian-oriented, with high quality design and cohesive site development, and with a mix of complementary uses, such as retail services and higher density housing. A Regional Activity Center is located at the intersection of Route N and Route Z. The Regional Activity Center is the largest kind of Activity Center. Smaller Activity Centers are called Community Activity Centers. Within the study area, the land immediately adjacent to the Duello Road/Route N intersection is a Community Activity Center.

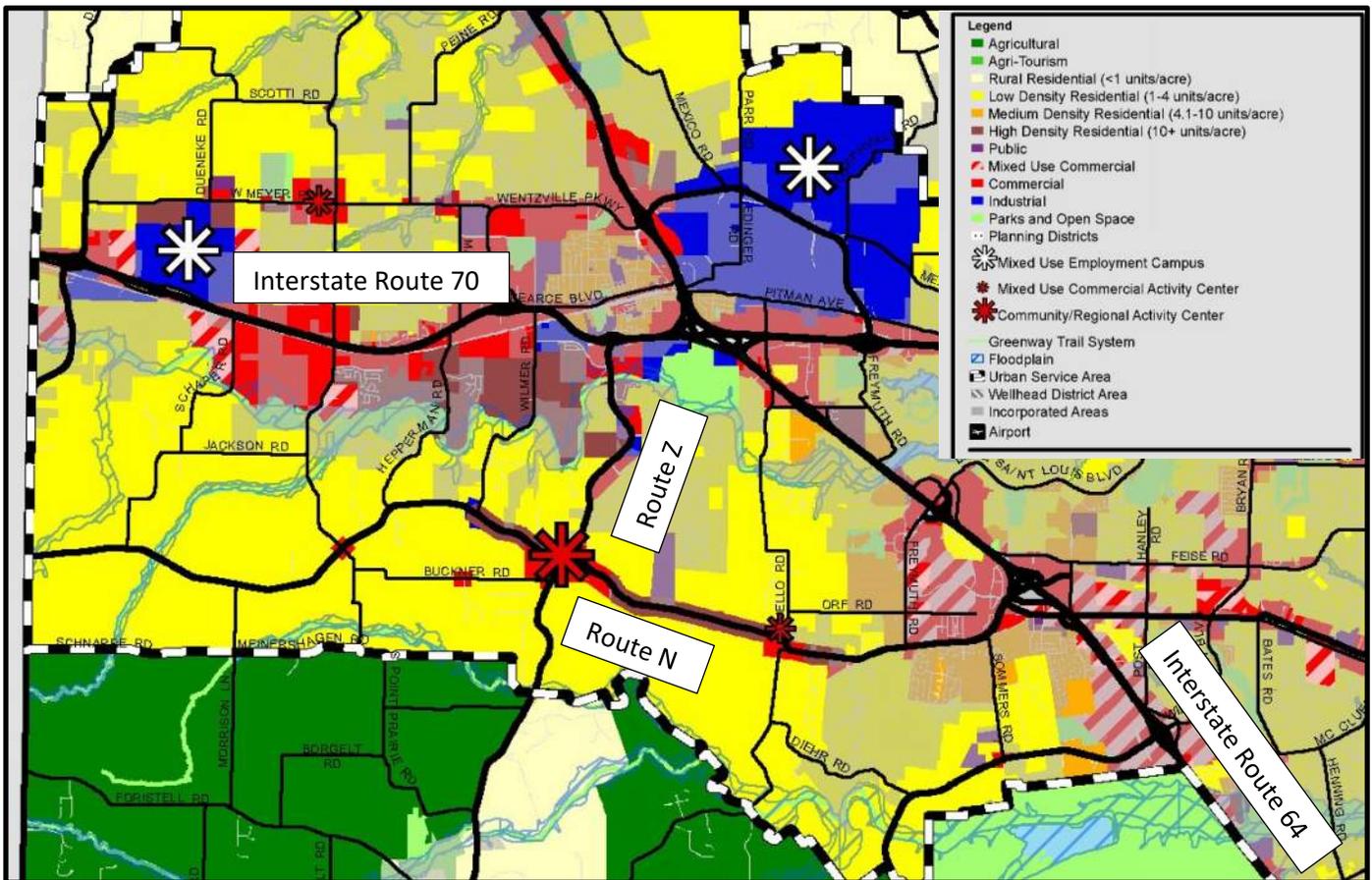


Figure 8 – Land Use Plan for St. Charles County

1 **Connected transportation system** - The plan promotes land use patterns in the Urban Service Area that
2 are conducive to supporting a variety of transportation alternatives and mobility in the county. St. Charles
3 County's "Proposed Ten-Year Transportation Improvement Program" addresses necessary transportation
4 improvements, including the Route N study, so that the roadway network will be connected, efficient and
5 sufficient to provide for the future roadway needs of the county.

6 **Flexibility in land use categories** - The Future Land Use Plan does not predetermine specific land uses or
7 densities for given parcels of land. Instead, it illustrates general categories with preferred character types
8 and policies and criteria to describe the interest in creating a mix of uses and compatible densities within
9 new neighborhoods. This allows more creative and efficient use of land according to this plan's goals and
10 strategies.

11 The primary land use type within the study area is low-density residential. This land use category allows for single-
12 family residences at a density of 1 to 4 dwelling units per acre. The single-family residences are normally
13 detached units and have urban services (central water distribution and sanitary sewers). Lot sizes in these areas
14 can vary from approximately 10,000 square feet to 43,000 square feet. Clustering development is encouraged.
15 Supporting and complementary uses, including open space and recreation, schools, places of worship, and other
16 public or civic uses are also appropriate in this category. Senior housing is appropriate if compatible with the
17 surrounding area.

18 **Wentzville Comprehensive Plan** - The City of Wentzville completed the Wentzville Comprehensive Plan, A
19 Community's Vision, in 1999. The plan was a twenty-year plan, designed to be updated bi-annually to keep
20 information current, for the future development of Wentzville. Its primary focus included making decisions on
21 future land uses, determining the transportation networks needed to access future land uses, and providing
22 essential utility systems/infrastructure to service land use activities. Within the plan, the City developed a
23 Thoroughfare Plan and Transportation Master Plan that included the concept for the David Hoekel Parkway.
24 Additionally, the City's land use plan showed primarily low to medium density, residential use along the study
25 area with some higher density residential and commercial development at the I-70 interchange location and the
26 intersection with Meyer Road. Low density residential is 1 to 2 parcels per acre. Medium density residential is 2
27 to 4 parcels per acre.

28 The 1999 Plan guided the development of Wentzville through October of 2001. In 2001, the plan was updated by
29 an "Amendatory Supplement" and then again in 2006. This latest 2006 plan is a 10-year Plan (2005-2015) to guide
30 the future development and redevelopment of Wentzville. The David Hoekel Parkway project was reinforced in
31 this plan update and the City considers the proposed project to be the most vital element of its Thoroughfare
32 Plan. In August of 1999, the City of Flint Hill completed a Comprehensive Plan, which is currently being re-
33 evaluated. The plan includes a Transportation Plan that identifies the David Hoekel Parkway, and a Future Land
34 Use Plan that shows mostly commercial and industrial use along the proposed project within Flint Hill (east of US
35 61).

36

Appendix C

Overview of Other Projects Affecting the Study Area

Several projects are planned for this portion of St. Charles County. These include:

1. David Hoekel Parkway

The City of Wentzville is planning a new roadway for western Wentzville and St. Charles County. The roadway, known as the David Hoekel Parkway (DHP), would provide a new connection between I-70 and US 61. Beginning just south of I-70 at the intersection of South Point Prairie Road and Jackson Road, the parkway passes north and east through parts of Wentzville before ending near Mette Road and Route P in Flint Hill.

The NEPA document for the David Hoekel Parkway was completed and approved by the Federal Highway Administration and the Missouri Department of Transportation in November 2014 and re-evaluated in August 2018. The NEPA document (Environmental Assessment) resulted in a Finding of No Significant Impact, and the project has moved forward into project design for Phase I. Funding has been identified by the City of Wentzville in cooperation with the St. Charles County Road Board to begin design of Phase II with a partial interchange at I-70 and a 2-lane road connecting to Goodfellow Road to the north and Interstate Drive (just south of I-70) to the south. Construction for Package 1 has begun for the interchange. The completed Interstate Drive was included in the anticipated future roadway network of the DHP and the portion from Route Z to Quail Ridge parkway was recently widened to 5-lanes.

The southern terminus of the David Hoekel Parkway is the western terminus of the Route N NEPA Study (the intersection of Jackson Road and South Point Prairie Road). The David Hoekel Parkway will be on a new alignment between the interchange and the Jackson/South Point Prairie intersection. The roadway shown on **Figure 9** and serves as the Route N study areas western terminus.

In accordance with the Wentzville Comprehensive Plan, the full build-out of the David Hoekel Parkway project would provide a new four-lane divided roadway with controlled access on the western half of the City of Wentzville between I-70 and US 61. With an anticipated posted speed of 45 mph and 2040 ADTs in the range of 16,000 – 25,000 vehicles per day, the project would be designed to move higher volumes of traffic through the city, as well as to provide connectivity to the local and regional roadway network. At the same time, its design would include multimodal considerations on DHP such sidewalks, bicycle and pedestrian paths or lanes and landscaping to fit with the character of the study area.

The purpose of the David Hoekel Parkway is to provide the community with a safe and efficient roadway that is both cost-effective and environmentally sound. The new connection will:

- Improve access and connectivity between I-70 and US 61 in western Wentzville and the St. Louis region within St. Charles County;



Figure 9 - Portion of DHP EA showing the roadway extension to the Point Prairie Road/Jackson Road intersection

- 1 • Reduce congestion and improve the travel capacity in the study area to meet future travel demands;
- 2 • Improve traffic safety to help address high crash locations within the study area;
- 3 • Support local and regional growth while addressing anticipated increases in local and regional travel
- 4 demand and travel times that will accompany population and housing growth;
- 5 • Support sustainable development by providing and coordinating transportation connections with planned
- 6 and proposed development; and
- 7 • Promote a multimodal transportation system by ensuring the project accommodates the needs of other
- 8 transportation modes.

9 In the NEPA document (i.e., EA), the David Hoekel Parkway would consist of four 12-foot lanes separated by an
 10 18-foot grass median allowing for left-turn lanes where necessary. The design would also incorporate six-foot
 11 sidewalks and/or bicycle/pedestrian paths approximately eight feet from the edge of pavement, and aesthetic
 12 treatments, such as landscaping. Construction involves all utility relocation, bridge and culvert placement,
 13 drainage structures, traffic signalization, lighting, signage, excavation, recontouring, reseeding, and landscaping.
 14 The design criteria identified within the EA is considered to be preliminary and will be reviewed and updated as
 15 necessary to meet the most current roadway standards during the design phase of the project.

16 The DHP southern terminus of the intersection of South Point Prairie/Jackson Road will serve as the western
 17 terminus of the Route N study in addition to informing the context of the Route N study. The development of
 18 conceptual alternatives will not be constrained by the results of DHP. Rather, the Route N study will utilize the
 19 results in investigating all reasonably foreseeable solutions to the transportation problems of the study area.

20 2. Page Avenue Extension

21 The Page Avenue Extension is a 20-mile
 22 divided highway — also known as Route 364
 23 — between Interstate 270 in Maryland
 24 Heights and Interstate 64 in Lake Saint Louis.
 25 Developed over several decades, the last
 26 segment was completed in 2014. See **Figure**
 27 **10**.

28 At Interstate 64, Page Avenue transitions
 29 from a divided four-lane highway to Route N.
 30 Route N begins as a divided four-lane
 31 roadway that transitions to a two-lane
 32 roadway.

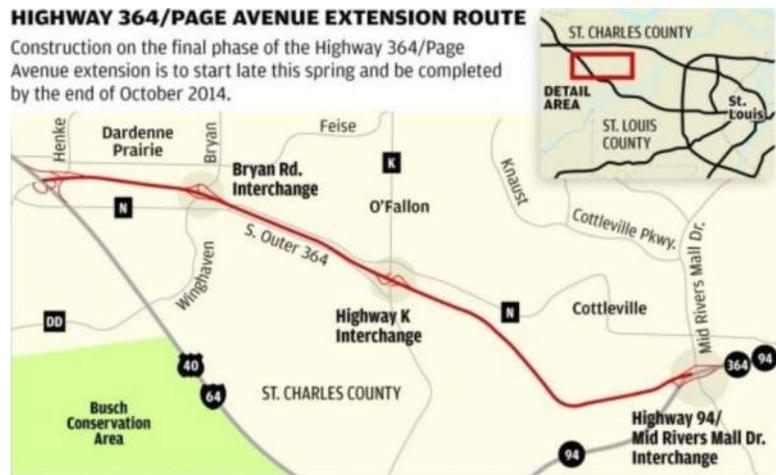


Figure 10 - Page Avenue Extension

34 3. Other On-Going Maintenance/Improvements within the Study Area

35 **Interstate Drive Extensions** – Interstate Drive parallels I-70 to the south. The City of Wentzville has recently
 36 constructed the portion of Interstate Drive from Wilmer Road to Hepperman Road as a new three-lane arterial
 37 road with plans to widen it to a five-lane arterial road in the future. The extension of Interstate Drive from
 38 Hepperman Road to the David Hoekel Parkway has been funded.

39 The City of Wentzville’s Thoroughfare Plan shows a future extension of Interstate Drive.. It is projected to
 40 intersect with the David Hoekel Parkway, from South Point Prairie Road to Route T. When complete, Interstate
 41 Drive will be continuous from David Hoekel Parkway to Route T.

42 **South Point Prairie Road at Jackson Road** – This St. Charles County project will realign/reconstruct an intersection
 43 with numerous safety issues. Sight distance will be improved, and the horizontal and vertical alignments
 44 reconstructed to improve traffic flow and safety.

- 1 **Perry Cate Boulevard at Route N** - This St. Charles County project installed a new traffic signal at the intersection
- 2 of Route N and Perry Cate Boulevard.
- 3 **Lake St. Louis Boulevard Extension** - This project extended Lake St. Louis Boulevard from Route N to Paul Renaud
- 4 Boulevard.
- 5 **Sommers Road at Route N** - This O’Fallon project improved the intersection by means of additional turn lanes at
- 6 Sommers Road and Route N and signal improvements.
- 7 **Duello Road/Hopewell Road intersection at Route N** – This St. Charles County project, which has NEPA clearance,
- 8 is proposed to be conducted in Phases. Phase II is meant to widen, straighten, realign, and otherwise improve the
- 9 existing Hopewell Road. Drainage improvements and a new shoulder are also included as part of the project.
- 10 Phase III is meant to widen, straighten and otherwise improve the existing Duello and Hopewell Roads. Curb and
- 11 gutter, enclosed drainage, bridge improvements, and a sidewalk are included as part of the project. These
- 12 improvements will be included as part of the existing network in the development of Route N alternatives.
- 13 Construction plans are being developed. Phase III no longer includes the work at Route N. It now only includes
- 14 road widening to the north of Route N up to the easternmost 90-degree curve. The realignment of Hopewell
- 15 Road is part of the curve smoothing on Route N. The project has Preliminary Plans approved and right-of-way
- 16 (ROW) Plans are being prepared.
- 17 **Hepperman Road** – The project extends from the I-70 Outer Service Road south to Golf Club Drive. The project is
- 18 meant to widen, straighten and otherwise improve the existing Hepperman Road. Shoulder widening, limited curb
- 19 and gutter with enclosed drainage, and a sidewalk will likely be included as part of the project.
- 20 **Route N/ Route Z intersection improvements** – This St. Charles County project involves a reconfiguration and
- 21 signalization of the unconventional intersection of Route Z at Route N. The current configuration is a highly
- 22 skewed X configuration. Route Z would be realigned behind the existing Walgreens property (see **Figure 11**).
- 23 These improvements will be included as part of the existing network in the development of Route N alternatives.
- 24 Engineering pla

25

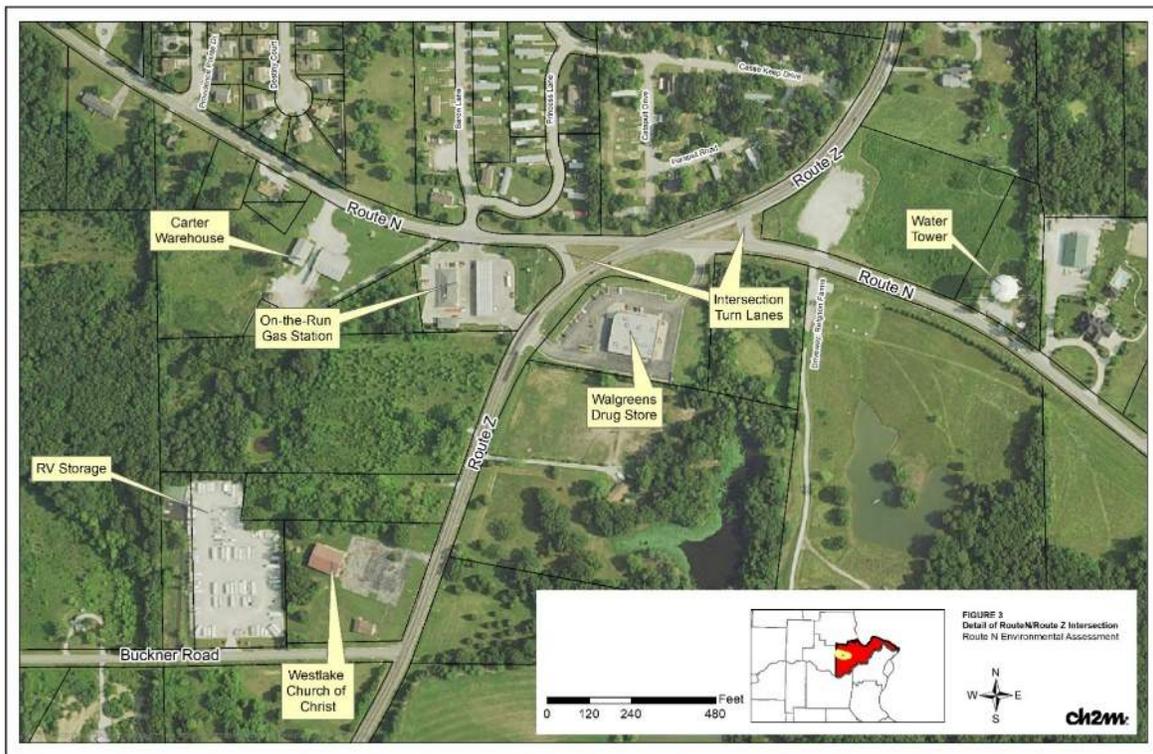


Figure 11 – Existing Route N/Route Z intersection

1
2
3

Appendix D

Regulated Materials Screening

Hazardous Waste Assessment, Route N

PREPARED FOR: Robert Miller/COL
Rachel Grand/STL

PREPARED BY: Wayne Conway/STL

COPIES: None

DATE: May 20, 2019

Jacobs has completed a hazardous waste assessment for the Highway N project in Wentzville, Missouri. This technical memorandum was prepared to provide information regarding properties that pose a potential for environmental concern and possible contamination within, adjacent, or near the study area.

Introduction

To facilitate the assessment, a database and records search report was obtained from Environmental Data Services (EDR). This report searched 61 federal, 23 state, five tribal and six EDR proprietary databases stations. These databases are discussed in the EDR report (Attachment 1).

Jacobs reviewed the EDR report and identified sites of potential interest. The EDR report included sites within approximately 1/2 of a mile on either side of the three Reasonable Alternatives. Jacobs focused on sites that were accessible by currently existing public roads.

Once the potential sites were identified, Jacobs conducted a windshield reconnaissance survey to document current land use and conditions and identify any potential sites that were not included in the EDR report. Photographs were taken of the sites to document current conditions (Attachment 2).

Using information gathered as part of this study, Jacobs has identified the potential facilities of concern that are discussed in the following sections and evaluated their possible impact or risk. To assess these issues, Jacobs used its best professional efforts to evaluate the contaminants that could be present, the toxicity and mobility of these contaminants, and geological factors that could influence the migration of possible contaminants.

Sites of Potential Concern

Jacobs identified 18 sites that pose a potential for environmental concern and possible contamination within, adjacent, or near the study area. Due to multiple owners or changing usage, some of these sites may be collocated with others.

The facilities are summarized in Table 1, along with notes from the site visit. The sites are numbered sequentially generally east to west for ease of discussion in the first column of the table. The EDR map identifying number is also provided in the fourth column. The assessment of potential risk is based on

professional judgement, past site practices or the uncertainty of the available records. This is a qualitative assessment and additional information should be obtained if these sites will be utilized for the project.

Site 1: Factory Direct Mobile Home

This site is #4 on the EDR Map. This site is listed in the EDR Historical Auto databases.

The address of this facility, 1945 Hepperman Road, is a new residence, which appears to have been built in the last 2 years, see photos (Attachment 2).

No specific information on spills, releases or environmental issues was identified for this site. Based on the lack of information available, there is a low risk for a release to soil or groundwater associated with this site.

Site 2: Walgreens Store

A Walgreens Store is located at 10 E Highway N. This site was identified in five databases, FINDS (facility index system), ECHO (Enforcement and compliance history information) Spills, CDL (Commercial Drug Lab), EDR Hist Auto, and ASBESTOS.

A Historical Auto shop was located at 2 E highway N in 1971 and 1972. No further information was provided about this facility.

Asbestos was present in a former building at this location but was removed under a permit in 2007. The ECHO file indicates a storm water discharge permit was issued for this site during construction activities.

Because the asbestos has been remediated, there is a low risk of a release to soil or groundwater associated with this site.

Site 3: Mobile on the Run #1619

This facility is located at 42 Highway N West. This site was identified in UST (underground storage tank), SPILLS, AST (aboveground storage tanks), EDR Hist Auto, NPDES (Permitted Facility Listing), RCRA NonGen/ NLR (RCRA non-generators or no longer regulated), FINDS, ECHO, UIC (underground injection wells).

This site is an active gas station convenience store that first opened in 2002. The facility operated as a Pinnacle Petroleum from 2002 through 2010, and as a Mobile on the Run from 2011 to today. There are currently 2 USTs on this site. Three tanks were reported to be installed in 1992 and 1995, were abandoned and removed in 2005. Two tanks were installed in 2005 and are currently in use.

Monitoring or injection wells were installed in 1994 and 1996, these wells could not be located during the site visit.

A spill was reported in 2004 at this facility.

The facility operated as a Handler, non-generator of hazardous waste in 2005, and as a historical small quantity generator of hazardous waste, codes D001, and D018 in 1996.

This site has a high risk for a release to soil or groundwater.

Site 4: MFA Exchange

The MFA Exchange is listed with the address of 210 W S Main Street, and an online search confirmed that address is correct. This address is located outside of the study area, however, there is a feed store located at the indicated location, so it has been included here.

This address was included in the SSTS (Fungicide and Rodenticide Act, section 7). This facility repackaged the following herbicides in 1990 and 1991: BICEP, LARIAT, LASSO. In 1997 through 2009 the following herbicides were repackaged: BROADSTRIKE, BICEP II, TOUCHDOWN, STEEL, SQUADRON, FULL TIME, GLYPHOMAS PLUS, GLYPHOMAX PLUS, PROWL 3.3 EC, KEYSTONE, PENDIMAX 3.3, DURANGO, ROUNDUP Power Max, DEGREE XTRA.

For the purposes of this study, the site is listed as low risk because it is likely outside the study area, however, confirmation should be obtained that these chemicals were not repackaged in this facility.

Site 5: Petro Mart #74

This facility is located at 463 Hawks Ridge Trail. It is a currently active gas station and convenience store. It was reported on the following reports; AST (above ground storage tank), UST, EDR Hist Auto.

This facility was first reported in 1995. The two current USTs were installed in 2008. No AST was spotted during the windshield survey.

This facility has a high risk of impacts to soil and groundwater due to the presence of UST at the facility.

Site 6: Lowes Home Center #2311

This facility is located at 6302 Ronald Reagan Drive.

This facility was identified in the following reports: RCRA-SQG (small quantity generator). The facility has handled multiple wastes since 2006.

This facility has a moderate risk, due to the handling of small quantities of hazardous waste products.

Site 7: QuikTrip #669

This property is located at 8834 Highway N.

This facility was identified in the following reports; UST, AST, EDR Hist Auto.

Four active USTs are present at this location. No AST was identified during the windshield survey, though an active AST was identified in the EDR report. The tanks were reported to be installed in 2016.

Because of the current use as a gas station, there is a high potential for impact to soil and groundwater associated with this site.

Site 8: Widowski Mark

This site was reported as an injection well site (UIC) in the EDR report. No details were provided regarding what was injected. The site is currently a residential property.

This site has a low risk for impacts to soil and groundwater.

Site 9: Hopewell Missionary Baptist Church

An active injection well is reported at this location. No injection wells were observed during the windshield survey.

Site 10: Buck Tract

This site is located at 8552 Highway N. It was identified in the EDR report for RCRA NonGen/ NLR, Finds, ECHO.

It is listed as a small quantity generator, and as not a generator, from 2005 to 2011.

This address could not be located in the field. A new housing subdivision had been built in the area, and possibly incorporated this site.

This site has a low likelihood of impacts to soil and water.

Site 11: Bobs Dardenne Standard Service

This site is located at 8004 Highway N.

This site is listed on the UIC list. An underground injection well was installed in 1993. This well could not be located during the windshield survey.

No sign of this service station exists.

This site has a moderate likelihood of impacts to soil and water. No service station was reported as operating at this location, but an underground injection well was reported, indicating the presence of a soil or groundwater impact.

Site 12: Wyndgate-Summit Pointe

This site is located at 8860 Highway N. This site was found in the VCP (Voluntary Clean Up Program) and SMARS (Site Management and Reporting System). A 100-gallon AST was also present on the property.

This 405-acre parcel of land was used as a trap/ skeet shooting range. The application for voluntary cleanup was received in January 2004, and the certification of cleanup was issued in November 2004. Lead was the only contaminant that was cleaned up.

The property has since been re-developed into a housing neighborhood.

This site has a low likelihood of impact, due to the voluntary cleanup, and the redevelopment into housing.

Additional Sites

Four sites were identified during the site visit that were not included in the EDR report, described below as Sites 13, 14, 15 and 16.

Site 13: Jiffy Lube

A Jiffy Lube oil change facility was found at 6207 Ronald Reagan Drive. This facility has a moderate risk of impact to soil and groundwater.

Site 14: Dobbs Tire and Auto

A Dobbs Tire; and Auto was found at 873 Robert Raymond Drive in Lake Saint Louis. This facility handles used oil. This facility has a low to moderate risk of impact to soil and groundwater.

Site 15: Firestone

A Firestone service center was found at 8025 Hawk Ridge Trail. This facility handles used oil. This facility has a low to moderate risk of impact to soil and groundwater.

Site 16: Plaza Tire Service

A Plaza Tire Service shop was found at 8625 State Highway N. This facility performs oil changes and has a low to medium risk of impacts to soil and groundwater.

Site 17: Wal-Mart Gas

A Wal-Mart gas station was found at 6100 Ronald Reagan Drive. This station has UST present, and presents a moderate risk of impacts to soil and groundwater.

Site 18: Lake Saint Louis Public Works

An AST was found at the Lake Saint Louis Public Works department located at 307 Parkway Industrial. This facility has a low to moderate risk of impact to soil and groundwater

Site 19: ZX gas station

A ZX gas station with USTs was found at the southeast corner of the intersection of I-64 and Highway N. This facility has a moderate to high risk of impact to soil and groundwater

Wells

Five State owned water wells are present within the study area, these are wells 40, 41, 43, 44 and 47. These wells are all located between highway A and I-64, within a quarter mile of highway N. In addition, there are 2 public water supply wells in the study area, these are wells 20 and 23, and 25. Wells 20 and 23 lie west and east of highway A north of current highway N, respectively.

In addition to the public wells above, there are also 27 private water wells within the study area. These are: 6, 7 (2 wells), 8, 9, 11, 10, 12, 14, 15, 16, 17, 18, 21, 22, 28, 31, 32, 34, 35, 37, 41, 43, 44, 47.

If the work will encroach on any well, it will need to be properly abandoned in accordance with Missouri well abandonment rules.

<https://dnr.mo.gov/pubs/pub2281.pdf>

Conclusions

Based on the information gathered as part of this study a review of relevant data, and an understanding of the Project, JACOBS offers the following conclusions and recommendations:

There are 9 sites that have a medium to high potential for impacts to soil or groundwater:

- Site 3: Mobile on the run #1619
- Site 4: MFA Exchange
- Site 5: Petro Mart # 74
- Site 7: QuikTrip #669

- Site 13: Jiffy Lube
- Site 14: Dobbs Tire and Auto
- Site 15: Firestone
- Site 17: Wal-Mart gas station
- Site 19: ZX gas station

Additional information should be obtained for these sites to determine the nature and extent of the contamination, and to determine if any potential construction activities would encounter site contamination. Phase 1 Environmental Site Assessments should be conducted in the areas of planned construction to evaluate whether contamination is present.

There is a low to medium potential that the remainder of the identified facilities has adversely impacted the study area. The identified facilities have a potential for soil or groundwater impacts from past or current site activities. Phase 1 Environmental Site Assessments should be conducted in the areas of planned construction to evaluate whether contamination is present.

This windshield survey of potential hazardous waste sites includes only those areas that are accessible by existing public roadways. All the facilities listed on the EDR were visited, but significant areas were inaccessible due to private or nonexistent roadways. If a selected route includes significant areas that are outside the existing corridors a more intensive examination of the areas is warranted.

Workers who encounter unknown contamination may be at risk and may unknowingly spread or mishandle this contamination. If there is known or suspected contamination, workers should be notified so that the appropriate procedures can be put in place. Any waste generated, such as water or soil, should be managed in accordance with in accordance with appropriate local, state, and/or Federal rules and regulations.

Table 1

Sites of Potential Concern
 Hazardous Waste Assessment, Route N

Site Number	Site	Address	EDR Map ID	Page	EDR Notes	Waste Codes	Database	Field Notes
1	Factory Direct Mobil Home	1945 Hepperman RD	4	7	EDR Hist Auto	None	EDR Hist Auto	Site is currently a new residential building
2	Proposed Walgreens Store	10 E. Hwy N	10	9	Asbestos	None	Asbestos	Walgreens constructed
3	Mobile on the Run #1619	42 W HWY N	10	14	Gas station, one set of UST, removed and replaced.	D001, D018	FINDS	Active
4	M F A	210 W S Main	10	28	Address is north of study area	None	SSTS	Address is north of study area. Possible this refers to the feed store at about 100 W S Main
5	Petro Mart #74	463 Hawks Ridge Trail	16	48	Phillips 66 gas station, active,	None	UST, AST, EDR Hist Auto	Active Phillips 66
6	Lowes Home Centers, Inc #2311	6302 Ronal Reagan Drive	17	53	Home improvement store	D001, D002, D003, D005, D006, D007, D008, D011, D016, D018, D035, U002, U071, U072, U080, U123, U134, U154, U159, U165, U210, U220, U226, U239	RCRA-SQG	Lowes home improvement store
7	QuikTrip #669	8334 Highway N	21, 24, 27	61	Active gas station	None	UST, AST, EDR Hist Auto, Finds	Active QuikTrip gas station
8	Widowski Mark	836 East highway N	23	71	injection well	none	UIC	newer construction, residence
9	Hopewell Missionary Baptist Church	1140 E Highway N	26	74	injection well	none	UIC	Church, well could not be found
10	Buck Tract	8552 Highway N	29	29	RCRA nongenre/ NLR	D001	RCRA NonGen/ NLR, Finds, ECHO	This address is currently a subdivision. There is an air-conditioned repair business located at 8562 Highway N
11	Bobs Dardenne Standard Service	8004 Highway N	31	80	service station	None	UIC	Abandoned and completely removed
12	Wyndgate-Summit Point	8860 Highway N	34	85	Former trap shooting range, currently a residential neighborhood	none	VCP, SMARS	Currently a residential neighborhood. A phase 2 investigation found lead in the top six inches of soil. A voluntary cleanup at this site was planned, but completion date has not been recorded
13	Jiffy Lube	6207 Ronald Reagan Drive	na	na	car maintenance facility	none	na	oil change
14	Dobbs	873 Robert Raymond Drive	na	na	car maintenance facility	none	na	oil change
15	Firestone	8025 Hawk Ridge Trail	na	na	car maintenance facility	none	na	oil change
16	Plaza Tire Service	8625 State Highway N	na	na	car maintenance facility	none	na	oil change
17	Walmart Gas	6100 Ronald Reagan Drive	na	na	gas station	none	na	gas station USTs
18	ZX gas	7665 Highway N	na	na	gas station	none	na	gas station, USTs
19	Lake Saint Louis Public works	307 parkway industrial	na	na	AST	none	none	above ground storage tank (gasoline)

Notes:

AST-Underground Storage Tank

NA-not applicable

EDR-Environmental Data Services

ECHO- EPA database, Enforcement and Compliance History Online

FINDS-Facility Index System

Hist Auto- Historical Auto Repair facility

NLR- No Longer Regulated

NonGen- Non Generator of Hazardous Waste

RCRA- Resource Conservation and Recovery Act

SSTS-Section Seven Tracking System (Pesticides)

SQG- Small Quantity Generator

UIC- Underground Injection wells

UST- Underground Storage Tank

VCP- Voluntary Cleanup Program

Attachment 1
EDR Report

Route N NEPA Study J6S3342
Wentzville, MO 63385

Inquiry Number: 5630814.5s
April 24, 2019

EDR DataMap™ Corridor Study



6 Armstrong Road, 4th floor
Shelton, CT 06484
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www.edrnet.com

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

WENTZVILLE, MO 63385
WENTZVILLE, MO 63385

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
SEMS	Superfund Enterprise Management System
SEMS-ARCHIVE	Superfund Enterprise Management System Archive
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
PCB TRANSFORMER	PCB Transformer Registration Database

EXECUTIVE SUMMARY

FEDERAL FACILITY.....	Federal Facility Site Information listing
US HIST CDL.....	Delisted National Clandestine Laboratory Register
PRP.....	Potentially Responsible Parties
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
IHS OPEN DUMPS.....	Open Dumps on Indian Land
ABANDONED MINES.....	Abandoned Mines
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
FEMA UST.....	Underground Storage Tank Listing
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
LEAD SMELTERS.....	Lead Smelter Sites

STATE AND LOCAL RECORDS

SHWS.....	Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites
DEL SHWS.....	Registry Sites Withdrawn or Deleted
SWF/LF.....	Permitted Facility List
HIST LF.....	Solid Waste Facility Database List
SWRCY.....	Solid Waste Recycling Facilities
LUST.....	Leaking Underground Storage Tanks
LAST.....	Leaking Aboveground Storage Tanks
AUL.....	Sites with Controls
DRYCLEANERS.....	Drycleaners in Missouri Listing
BROWNFIELDS.....	Brownfields Site List
MO RRC.....	Certified Hazardous Waste Resource Recovery Facilities
COAL ASH.....	Coal Ash Disposal Sites

TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners
RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-SQG site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
LOWES HOME CENTERS I EPA ID:: MOR000525527	6302 RONALD REAGAN D	17	53

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA NonGen / NLR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MOBIL MART EPA ID:: MOR000008243	42 W HWY N	10	24
<i>BUCK TRACT</i> EPA ID:: MOP000514398	<i>8552 HWY N</i>	<i>29</i>	<i>77</i>

US CDL: A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

A review of the US CDL list, as provided by EDR, and dated 02/24/2019 has revealed that there is 1 US CDL site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
638 WEST HIGHWAY N	638 WEST HIGHWAY N	7	8

EXECUTIVE SUMMARY

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, has revealed that there are 2 FTTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MFA EXCHANGE Database: FTTS INSP, Date of Government Version: 04/09/2009	210 W SOUTH MAIN ST	10	30
MFA AGRI SERVICES Database: FTTS INSP, Date of Government Version: 04/09/2009	210 W SOUTH MAIN	10	41

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, has revealed that there are 2 HIST FTTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MFA EXCHANGE Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	210 W SOUTH MAIN ST	10	30
MFA AGRI SERVICES Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	210 W SOUTH MAIN	10	41

SSTS: Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

A review of the SSTS list, as provided by EDR, and dated 12/31/2009 has revealed that there are 2 SSTS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
M F A EXCHANGE Registration Number:: 005353MO 029	210 W S MAIN	10	28
MFA AGRI SVC - WENTZ Registration Number:: 005353MO 029 Registration Number:: 005353MO029 Registration Number:: 005353-MO-029	210 W S MAIN	10	31

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/15/2019 has revealed that there are 28 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
NEWPORT HARBOUR Registry ID:: 110028292782	1666 N POINTE PRAIRI	1	4
SCHULZE RESIDENCE Registry ID:: 110042756112	1977 S POINT PRAIRIE	8	8
BLACKSTONE GROUP - M Registry ID:: 110031273459	10 EAST HWY N	10	10
MOBIL ON THE RUN 161 Registry ID:: 110070033336	42 WEST HIGHWAY N	10	26
MOBIL ON THE RUN #16 Registry ID:: 110042740914	42 W HWY N	10	27
MFA AGRI SVC - WENTZ Registry ID:: 110038237388	210 W S MAIN	10	30
WENTZVILLE ELEMENTAR Registry ID:: 110025338579	1MI W OF INT MEXICO	10	42
MFA INCORPORATED Registry ID:: 110017986232	219 W SOUTH MAIN	10	44
WENTZVILLE SMALL MS4 Registry ID:: 110042815736	200 E. FOURHT STREET	12	45
BUCKNER ROAD Registry ID:: 110070112353	505 BUCKNER RD	13	46
BUCKNER ROAD STORAGE Registry ID:: 110032823372	27 BUCKNER RD	14	47
WEHMEYER FARMS Registry ID:: 110042815861	28 FORRESTER	18	59
ST. GIANNA CATHOLIC Registry ID:: 110045501523	484 EAST HIGHWAY N	19	60
IMMANUEL LUTHERAN CH Registry ID:: 110037502823	HWY N & PERRY CATE B	20	61
SPORTS BARN Registry ID:: 110064421870	1047 E. HWY. N	22	69
STRENGTH AND CONDITI Registry ID:: 110070203321	1033 E. HWY. N	22	70
COUNTRYSHIRE - PHASE Registry ID:: 110031105328	HWY N @ SOMMERS RD	24	72
COUNTRYSHIRE PLAT 10 Registry ID:: 110030450134	HWY N @ SOMMERS RD	24	72
THE ENCLAVES AT SOMM	HWY N @ SOMMERS RD	24	73

EXECUTIVE SUMMARY

Registry ID:: 110037509014			
QT #669	HWY N & SOMMERS RD	24	73
Registry ID:: 110042778465			
EAST HIGHWAY N	EAST HIGHWAY N	25	74
Registry ID:: 110070393409			
JABOB, LLC.	RIDGEWAY AVE N & HW	28	76
Registry ID:: 110015806662			
HAWK RIDGE VILLAGE -	HWY N AND RIDGEWAY D	28	76
Registry ID:: 110042532195			
BUCK TRACT	8552 HWY N	29	77
Registry ID:: 110022922658			
AMERICA S EXPOSITION	FREYMUTH AND HWY N	30	79
Registry ID:: 110042460306			
CUIVRE RIVER ELECTRI	HWY N AND STAG INDUS	31	79
Registry ID:: 110024584341			
ST. CHARLES COUNTY A	2304 HOPEWELL ROAD	32	81
Registry ID:: 110064579344			
WYNDEMERE ESTATES PH	8927 HIGHWAY N	33	83
Registry ID:: 110064579656			

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 03/03/2019 has revealed that there are 16 ECHO sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
NEWPORT HARBOUR	1666 N POINTE PRAIRI	1	4
Registry ID: 110028292782			
BLACKSTONE GROUP - M	10 EAST HWY N	10	10
Registry ID: 110031273459			
MOBIL ON THE RUN 161	42 WEST HIGHWAY N	10	26
Registry ID: 110070033336			
WENTZVILLE ELEMENTAR	1MI W OF INT MEXICO	10	42
Registry ID: 110025338579			
BUCKNER ROAD	505 BUCKNER RD	13	46
Registry ID: 110070112353			
BUCKNER ROAD STORAGE	27 BUCKNER RD	14	47
Registry ID: 110032823372			
ST. GIANNA CATHOLIC	484 EAST HIGHWAY N	19	60
Registry ID: 110045501523			
IMMANUEL LUTHERAN CH	HWY N & PERRY CATE B	20	61
Registry ID: 110037502823			
SPORTS BARN	1047 E. HWY. N	22	69
Registry ID: 110064421870			
STRENGTH AND CONDITI	1033 E. HWY. N	22	70

EXECUTIVE SUMMARY

Registry ID: 110070203321			
COUNTRYSHIRE - PHASE	HWY N @ SOMMERS RD	24	72
Registry ID: 110031105328			
THE ENCLAVES AT SOMM	HWY N @ SOMMERS RD	24	73
Registry ID: 110037509014			
EAST HIGHWAY N	EAST HIGHWAY N	25	74
Registry ID: 110070393409			
BUCK TRACT	8552 HWY N	29	77
Registry ID: 110022922658			
ST. CHARLES COUNTY A	2304 HOPEWELL ROAD	32	81
Registry ID: 110064579344			
WYNDEMERE ESTATES PH	8927 HIGHWAY N	33	83
Registry ID: 110064579656			

STATE AND LOCAL RECORDS

UIC: A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

A review of the UIC list, as provided by EDR, and dated 12/31/2018 has revealed that there are 8 UIC sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BREIHAN HOLDINGS INC Facility Status: Active Well	42 HWY N WEST	10	12
BREIHAN HOLDINGS INC Facility Status: Active Well	42 HWY N WEST	10	13
#1619 WALLIS MOBIL Facility Status: Active Well	42 W HWY N	10	26
QUICK PICK Facility Status: Abandoned	41 AND 47 WEST HWY N	10	42
QUICK PICK Facility Status: Abandoned	41 AND 47 WEST HWY N	10	43
WIDOWSKI MARK Facility Status: Abandoned	836 EAST HWY N	23	71
HOPEWELL MISSIONARY Facility Status: Active Well	1140 E HWY N	26	74
BOBS DARDENNE STANDA Facility Status: Abandoned	8004 HWY N	31	80

EXECUTIVE SUMMARY

UST: Underground Storage Tank Information.

A review of the UST list, as provided by EDR, and dated 12/06/2018 has revealed that there are 3 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MOBIL ON THE RUN #16 Facility Id: ST0009308 Tank Status: Curently in use Tank Status: Removed	42 W HWY N	10	14
WESTERN OIL Facility Id: ST0021705 Tank Status: Curently in use	463 HAWK RIDGE TRAIL	16	48
QUIKTRIP #669 Facility Id: ST0021737 Tank Status: Curently in use	8334 HWY N	21	61

AST: Aboveground Petroleum Storage.

A review of the AST list, as provided by EDR, and dated 11/30/2018 has revealed that there are 3 AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PINNACLE PETROLEUM Facility Id: 4618	42 W HWY N	10	23
PETRO MART #74 Facility Id: 8453	463 HAWKS RIDGE TRAI	16	48
QUIK TRIP #669 Facility Id: 8500	8334 HWY N	21	68

SPILLS: Environmental Response Tracking Database

A review of the SPILLS list, as provided by EDR, and dated 12/11/2018 has revealed that there are 7 SPILLS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported Facility Id: 1403301020PAH Spill Number: 1403301020PAH	1020 WEST ROUTE N	5	7
Not reported Facility Id: 0802151515ETB Spill Number: 0802151515ETB	BUSCH WILDLIFE AREA	9	9
Not reported Facility Id: 1307221610BWH Spill Number: 1307221610BWH	10 EAST ROUTE N	10	9
Not reported	42 WEST ROUTE N	10	23

EXECUTIVE SUMMARY

Facility Id: 0404240956EJS Spill Number: 0404240956EJS			
Not reported	300 EAST PIERCE BOUL	15	47
Facility Id: 1506061204BWH Spill Number: 1506061204BWH			
Not reported	1140 EAST ROUTE N	26	74
Facility Id: 0404161504GEV Spill Number: 0404161504GEV			
Not reported	2300 HOPEWELL	32	82
Facility Id: 1201191116BWH Spill Number: 1201191116BWH			

VCP: Voluntary Cleanup Program Site Listing.

A review of the VCP list, as provided by EDR, and dated 01/31/2019 has revealed that there is 1 VCP site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
WYNDGATE-SUMMIT POIN	8860 HIGHWAY N	34	85
Facility Status: Cert. of Completion Issued			

CDL: Incidents reported to the Department of Natural Resources where drug lab materials were involved.

A review of the CDL list, as provided by EDR, and dated 12/11/2018 has revealed that there are 3 CDL sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	10 EAST ROUTE N	10	9
Facility Id: 1307221610BWH Spill Number: 1307221610BWH			
Not reported	1140 EAST ROUTE N	26	74
Facility Id: 0404161504GEV Spill Number: 0404161504GEV			
Not reported	2300 HOPEWELL	32	82
Facility Id: 1201191116BWH Spill Number: 1201191116BWH			

NPDES: A listing of permitted facilities from the Water Pollution Branch.

A review of the NPDES list, as provided by EDR, and dated 01/07/2019 has revealed that there are 11 NPDES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
NEWPORT HARBOUR	1666 N POINTE PRAIRI	1	4

EXECUTIVE SUMMARY

Permit Status: Effective Permit Number: MORA00437			
MOBIL ON THE RUN 161 Permit Status: Effective Permit Number: MOG940228	42 WEST HIGHWAY N	10	24
BUCKNER ROAD Permit Status: Effective Permit Number: MORA11198	505 BUCKNER RD	13	46
ST. GIANNA CATHOLIC Permit Status: Effective Permit Number: MORA05967	484 EAST HIGHWAY N	19	60
SPORTS BARN Permit Status: Effective Permit Number: MORA06597	1047 E. HWY. N	22	69
STRENGTH AND CONDITI Permit Status: Effective Permit Number: MORA11797	1033 E. HWY. N	22	70
ST. CHARLES COUNTY A Permit Status: Effective Permit Number: MORA06893	2304 HOPEWELL ROAD	32	81
WYNDEMERE ESTATES PH Permit Status: Expired Permit Number: MOGC00098	8927 HIGHWAY N	33	82
WYNDEMERE ESTATES PH Permit Status: Effective Permit Number: MORA06924	8927 HIGHWAY N	33	83
WYNDEMERE ESTATES PH Permit Status: Effective Permit Status: Expired Permit Number: MORA09992 Permit Number: CPSE00978	8927 HIGHWAY N	33	84
WYNDEMERE ESTATES PH Permit Status: Expired Permit Number: MOGC00021	8927 HIGHWAY N	33	85

AIRS: A listing of Air Pollution Control Program permits.

A review of the AIRS list, as provided by EDR, and dated 11/21/2018 has revealed that there is 1 AIRS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
MAJESTIC MARBLE, INC Facility Id: AP0200303102	122 E MO HWY A	11	45

EXECUTIVE SUMMARY

ASBESTOS: The department requires notification of demolitions and abatement projects involving regulated structures at least 10 working days before crews begin a project.

A review of the ASBESTOS list, as provided by EDR, and dated 01/04/2019 has revealed that there are 2 ASBESTOS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PROPOSED WALGREENS S	10 E. HWY. N	10	9
PROPOSED WALGREENS S	10 E. HWY N	10	11

MINES: This data set contains names, locations and additional data for active Industrial Mineral Mines permitted with the Missouri Department of Natural Resources, Division of Environmental Quality, Land Reclamation Program. Industrial Mineral Mines permitted are rock quarries, clay pits, sand and gravel pits, or in-stream sand and gravel operations.

A review of the MINES list, as provided by EDR, and dated 03/15/2018 has revealed that there are 3 MINES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported		2	5
Not reported		3	6
Not reported		6	7

SMARS: SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

A review of the SMARS list, as provided by EDR, and dated 01/03/2019 has revealed that there is 1 SMARS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
WYNDGATE-SUMMIT POIN	8860 HIGHWAY N	34	85

EDR PROPRIETARY RECORDS

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FACTORY DIRECT MOBIL	1945 HEPPEMAN RD	4	7

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PINNACLE PETROLEUM L	42 W HIGHWAY N	10	23
BERTRAM OIL CO INC	2 E N MAIN	10	28
FREDS MUFFLER & BRAK	1474 S SVC RD HIGHWY	10	28
WESTERN OIL INC	463 HAWK RIDGE TRAIL	16	52
QUIKTRIP CORPORATION	8334 HIGHWAY N	27	76

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
SEMS	0
SEMS-ARCHIVE	0
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	1
RCRA-CESQG	0
RCRA NonGen / NLR	2
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	1
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
DEBRIS REGION 9	0
US MINES	0
TRIS	0
TSCA	0
FTTS	2
HIST FTTS	2
SSTS	2
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	28
RAATS	0
RMP	0
PCB TRANSFORMER	0
ECHO	16
FEDERAL FACILITY	0
US HIST CDL	0
PRP	0
SCRD DRYCLEANERS	0
IHS OPEN DUMPS	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
ABANDONED MINES	0
US AIRS	0
COAL ASH EPA	0
US FIN ASSUR	0
EPA WATCH LIST	0
2020 COR ACTION	0
COAL ASH DOE	0
FUELS PROGRAM	0
FUSRAP	0
FEMA UST	0
UXO	0
DOCKET HWC	0
LEAD SMELTERS	0
 <u>STATE AND LOCAL RECORDS</u>	
SHWS	0
DEL SHWS	0
SWF/LF	0
UIC	8
HIST LF	0
SWRCY	0
LUST	0
UST	3
LAST	0
AST	3
SPILLS	7
AUL	0
VCP	1
DRYCLEANERS	0
BROWNFIELDS	0
CDL	3
MO RRC	0
NPDES	11
AIRS	1
ASBESTOS	2
COAL ASH	0
MINES	3
SMARS	1
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
 <u>EDR PROPRIETARY RECORDS</u>	
EDR MGP	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
EDR Hist Auto	6
EDR Hist Cleaner	0
RGA HWS	0
RGA LF	0
RGA LUST	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

1	NEWPORT HARBOUR 1666 N POINTE PRAIRIE RD WENTZVILLE, MO 63385	NPDES	S108478170 N/A
----------	------------------------------------------------------------------------------------------	--------------	---------------------------------

NPDES:

Permit Number:	MORA00437
Permit Status:	Effective
SIC:	1629
SIC Description:	HEAVY CONSTRUCTION
Issue Date:	03/21/2012
Effective Date:	03/21/2012
Category Description:	Not reported
Treatment Type Description:	Storm Water
Facility Telephone:	3144867373
Owner Name:	CONSORT HOMES LLC
Owner Address:	16640 CHESTERFIELD GROVE
Owner Address 2:	Not reported
Owner City:	CHESTERFIELD
Owner State:	MO
Owner Zip:	63005
Permit Type 100:	Not reported
Major 10:	Not reported
Region 10:	Not reported
Issuing Authority 10:	Not reported
Permit Action 100:	Not reported
Date Notification 25:	Not reported
Region Decode:	Not reported
Iss Auth Decode:	Not reported

1	NEWPORT HARBOUR 1666 N POINTE PRAIRIE RD WENTZVILLE, MO 63385	FINDS ECHO	1010013096 N/A
----------	------------------------------------------------------------------------------------------	-----------------------------	---------------------------------

FINDS:

Registry ID: 110028292782

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

NEWPORT HARBOUR (Continued)

1010013096

Envid:	1010013096
Registry ID:	110028292782
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110028292782

2

**MINES S122473061
N/A**

ST. LOUIS, MO

MINES:

Site ID:	1830033
Elevation Meters:	0
Elevation Feet:	600
Quadrangle:	Foristell
FIPS Code:	183
Township:	47N
Range:	1E
Section:	35
Quarter:	W2SW
Projected:	Not reported
Land Grant:	Not reported
Type of Operation:	Surface
Surface:	y
Underground:	Not reported
Smelter:	Not reported
Mine Tailings:	Not reported
Mine Waste Rock:	Not reported
Processing Plant:	Not reported
Status:	Past Producer
Mine Safety and Health Administration:	Not reported
Commodities:	Clay
Property Owner:	Not reported
Operator:	GENERAL REFRACTORIES
Acres:	11
Depth:	0
Reference Table:	x
Aerial Photos:	x
Mine Extends Into Different Section:	Not reported
Formations:	Not reported
Operation Opened:	Not reported
Operation Closed:	Not reported
Operation Reopened:	Not reported
Operation Reclosed:	Not reported
Tonnage of Ore:	Not reported
Source Info:	Not reported
Timeframe:	Not reported
Areal Data:	Not reported
Comments:	Not reported
Shaft Name:	Not reported
Different:	Not reported
Dimensions:	Not reported
MILS Compilation:	Not reported
Location:	Not reported
UTM Coordinates:	symbol on topo
UTM Easting NAD27:	683529
UTM Northing NAD27:	4294775
UTM Easting NAD83:	683512
UTM Northing NAD83:	4294988
Sequence Number:	0291830033

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

3

MINES S122473062
 N/A

ST. LOUIS, MO

MINES:
 Site ID: 1830034
 Elevation Meters: 186
 Elevation Feet: 610
 Quadrangle: Foristell
 FIPS Code: 183
 Township: 47N
 Range: 1E
 Section: 33
 Quarter: C E2SESE
 Projected: Not reported
 Land Grant: Not reported
 Type of Operation: Surface
 Surface: y
 Underground: Not reported
 Smelter: Not reported
 Mine Tailings: Not reported
 Mine Waste Rock: Not reported
 Processing Plant: Not reported
 Status: Past Producer
 Mine Safety and Health Administration: Not reported
 Commodities: Clay
 Property Owner: Not reported
 Operator: Not reported
 Acres: 3
 Depth: 0
 Reference Table: Not reported
 Aerial Photos: x
 Mine Extends Into Different Section: Not reported
 Formations: Not reported
 Operation Opened: Not reported
 Operation Closed: Not reported
 Operation Reopened: Not reported
 Operation Reclosed: Not reported
 Tonnage of Ore: Not reported
 Source Info: Not reported
 Timeframe: Not reported
 Areal Data: Not reported
 Comments: Not reported
 Shaft Name: Not reported
 Different: Not reported
 Dimensions: Not reported
 MILS Compilation: Not reported
 Location: Not reported
 UTM Coordinates: MILS sheet
 UTM Easting NAD27: 681785
 UTM Northing NAD27: 4294615
 UTM Easting NAD83: 681768
 UTM Northing NAD83: 4294828
 Sequence Number: 0291830034

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

4	FACTORY DIRECT MOBIL HOME 1945 HEPPERMAN RD WENTZVILLE, MO 63385	EDR Hist Auto	1022203375 N/A
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EDR Hist Auto

Year:	Name:	Type:
2011	FACTORY DIRECT MOBIL HOME	Gasoline Service Stations
2012	FACTORY DIRECT MOBIL HOME	Gasoline Service Stations
2013	FACTORY DIRECT MOBIL HOME	Gasoline Service Stations
2014	FACTORY DIRECT MOBIL HOME	Gasoline Service Stations

5	1020 WEST ROUTE N WENTZVILLE, MO	SPILLS	S116685074 N/A
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MO SPILLS:

Facility ID:	1403301020PAH
Regional Office:	SLRO
Spill Number:	1403301020PAH
Date Reported:	03/30/2014
Call Date/time:	10:20:00
Lat/Long:	38.7763290 -90.901451
UTM Zone For GPS:	15
Discovery Date:	03/30/2014
Email:	False
Is This A Continuous Release To Be Monitered?:	False

6	ST. LOUIS, MO	MINES	S122473054 N/A
----------	----------------------	--------------	---------------------------------

MINES:

Site ID:	1830026
Elevation Meters:	186
Elevation Feet:	610
Quadrangle:	Foristell
FIPS Code:	183
Township:	46N
Range:	1E
Section:	3
Quarter:	NESENE
Projected:	Not reported
Land Grant:	Not reported
Type of Operation:	Surface
Surface:	y
Underground:	Not reported
Smelter:	Not reported
Mine Tailings:	Not reported
Mine Waste Rock:	Not reported
Processing Plant:	Not reported
Status:	Past Producer
Mine Safety and Health Administration:	Not reported
Commodities:	Clay
Property Owner:	Not reported
Operator:	Not reported
Acres:	4
Depth:	0
Reference Table:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

(Continued)

S122473054

Aerial Photos:	x
Mine Extends Into Different Section:	Not reported
Formations:	Not reported
Operation Opened:	Not reported
Operation Closed:	Not reported
Operation Reopened:	Not reported
Operation Reclosed:	Not reported
Tonnage of Ore:	Not reported
Source Info:	Not reported
Timeframe:	Not reported
Areal Data:	Not reported
Comments:	Not reported
Shaft Name:	Not reported
Different:	Not reported
Dimensions:	Not reported
MILS Compilation:	Not reported
Location:	Not reported
UTM Coordinates:	MILS sheet
UTM Easting NAD27:	683500
UTM Northing NAD27:	4294250
UTM Easting NAD83:	683483
UTM Northing NAD83:	4294463
Sequence Number:	0291830026

7

**638 WEST HIGHWAY N
 638 WEST HIGHWAY N
 WENTZVILLE, MO**

**US CDL 1015752807
 N/A**

US CDL:
 Seizure Date: 08/09/2012

8

**SCHULZE RESIDENCE
 1977 S POINT PRAIRIE RD
 WENTZVILLE, MO 63385**

**FINDS 1014772757
 N/A**

FINDS:

Registry ID: 110042756112

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

9	BUSCH WILDLIFE AREA LAKE SAINT LOUIS, MO	SPILLS	S108991352 N/A
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MO SPILLS:

Facility ID:	0802151515ETB
Regional Office:	SLRO
Spill Number:	0802151515ETB
Date Reported:	02/15/2008
Call Date/time:	15:15:00
Lat/Long:	38.7761993 -90.881576
UTM Zone For GPS:	15
Discovery Date:	02/15/2008
Email:	False
Is This A Continuous Release To Be Monitered?:	False

10	10 EAST ROUTE N WENTZVILLE, MO	SPILLS CDL	S113903016 N/A
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MO SPILLS:

Facility ID:	1307221610BWH
Regional Office:	SLRO
Spill Number:	1307221610BWH
Date Reported:	07/22/2013
Call Date/time:	16:10:00
Lat/Long:	38.9718589 -90.962966
UTM Zone For GPS:	15
Discovery Date:	07/22/2013
Email:	False
Is This A Continuous Release To Be Monitered?:	False

CDL:

Facility ID:	1307221610BWH
Spill Number:	1307221610BWH
Chemical Name:	Drug Lab Materials
Quantity:	13

10	PROPOSED WALGREENS STORE LOCATION 10 E. HWY. N WENTZVILLE, MO 63385	ASBESTOS	S122843995 N/A
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ASBESTOS:

Permit Number:	4561-2007
Paid:	True
Postmark/Email Date:	10/16/2007
Operation Type:	R
Contractor Name:	Midwest Asbestos Abatement Corporation
Regional Office:	SLRO
Owner:	Blackstone Group-Missouri LLC
Owner Address:	1830 Craig Place Court, Suite 110
Owner City:	St. Louis
Owner State:	Not reported
Owner Zip:	Not reported
Square Feet:	1910
Linear Feet:	Not reported
Cubic Feet:	Not reported
Asbestos Type:	linoleum flooring, drywall mud
Present Use:	demolished
Prior Use:	pebble creek nursery & landscap
Start Date:	11/02/2007

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

PROPOSED WALGREENS STORE LOCATION (Continued)

S122843995

End Date: 11/09/2007
 Post Date: 01/09/2008
 Start Time: 730
 End Time: 1600
 Disposal Site: Roxana Landfill
 Contact Person: Curt Cira
 Review Date: 01/04/2008
 Post Complete: True
 Contractor Phone: (636) 926-7800
 Contractor Registration Number: 08-06-0068
 Notification Date: Not reported
 Inspection Date: Not reported
 Inspection Invoice: Not reported
 Demo Date Recieved: Not reported
 Asbestos Quantity: Not reported
 Total Days: Not reported
 Receive Date: Not reported
 Invoice Date: Not reported
 Project Type: Not reported
 Comments: Not reported
 Amendments: Not reported
 Fiel Name: Asbestos_Abatement_Project_Notifications
 Latitude: Not reported
 Longitude: Not reported

10

**BLACKSTONE GROUP - MISSOU
 10 EAST HWY N
 WENTZVILLE, MO 63385**

**FINDS 1010451451
 ECHO N/A**

FINDS:

Registry ID: 110031273459

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1010451451
 Registry ID: 110031273459

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

BLACKSTONE GROUP - MISSOU (Continued)

1010451451

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110031273459>

**10 PROPOSED WALGREENS STORE LOCATION
10 E. HWY N
WENTZVILLE, MO 63385**

**ASBESTOS S122840156
N/A**

ASBESTOS:

Permit Number:	2910-2007
Paid:	True
Postmark/Email Date:	10/19/2007
Operation Type:	DEMOLITION
Contractor Name:	MR Excavating
Regional Office:	SLRO
Owner:	Blackstone Group MO LLC
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Square Feet:	Not reported
Linear Feet:	Not reported
Cubic Feet:	Not reported
Asbestos Type:	Reference Project
Present Use:	Vacant
Prior Use:	Pebble Creek Nursery & Landscape
Start Date:	11/07/2007
End Date:	11/21/2007
Post Date:	Not reported
Start Time:	Not reported
End Time:	Not reported
Disposal Site:	Not reported
Contact Person:	Matt Rosier
Review Date:	Not reported
Post Complete:	Not reported
Contractor Phone:	(314) 280-2216
Contractor Registration Number:	Not reported
Notification Date:	Not reported
Inspection Date:	Not reported
Inspection Invoice:	Not reported
Demo Date Recieved:	10/25/2007
Asbestos Quantity:	#4561-2007
Total Days:	14
Receive Date:	Not reported
Invoice Date:	Not reported
Project Type:	Not reported
Comments:	Not reported
Amendments:	Not reported
Fiel Name:	Asbestos_Demolition_Renovation_Notifications
Latitude:	Not reported
Longitude:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**10 BREIHAN HOLDINGS INC
 42 HWY N WEST
 WENTZVILLE, MI 63385**

**UIC S122510618
 N/A**

UIC:
 Facility Status: Active Well
 Permit Yes/No: Not reported
 Permit Number: MOS018350197
 Lat Decimal: 38.77343
 Long Decimal: -90.86539
 Long Dir: Not reported
 Lease Name: Not reported
 Well Status: Not reported
 Company2: BREIHAN HOLDINGS INC
 Owner Yes/No: Not reported
 Owner address: 106 E WASHINGTON ST
 Owner City/State/Zip: CUBA, Mi 65453
 Owner Phone#: Not reported
 Class: Not reported
 Fluid INJ: Not reported
 Township: 46
 Range: 1
 First Quarter Section: Not reported
 Second Quarter Section: Not reported
 Third Quarter Section: Not reported
 Fourth Quarter Section: Not reported
 Fifth Quarter Section: Not reported
 Last Update: Not reported
 Location Type: Not reported
 Source Info: Not reported
 Date of Last Inspection: Not reported
 Date of Last Collection: Not reported
 Inspector: Not reported
 Sample: Not reported
 Date of Sample: Not reported
 Sample Remark: Not reported
 Range Dir: East
 Survey Location 1: Not reported
 Survey Location 2: Not reported
 Well No: Not reported
 Spud Date: Not reported
 Actual Total Depth: Not reported
 Comment: Not reported
 API Number: Not reported
 Well Type Date: 01/01/1996
 Status Date: 01/01/1996
 Date Permit Issued: Not reported
 Land Grant: Not reported
 Maximum Injection Pressure (psi): Not reported
 Elevation: Not reported
 Top Perforation Depth: Not reported
 Bottom Perforation Depth: Not reported
 SPL Log: Not reported
 Date of First Production: Not reported
 Hours Tested: Not reported
 Oil Produced During Test: Not reported
 Oil Gravity: Not reported
 Gas Produced During Test: Not reported
 Water Produced During Test: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**10 BREIHAN HOLDINGS INC
 42 HWY N WEST
 WENTZVILLE, MI 63385**

**UIC S121444605
 N/A**

UIC:
 Facility Status: Active Well
 Permit Yes/No: Not reported
 Permit Number: MOS018350181
 Lat Decimal: 38.77368
 Long Decimal: -90.86483
 Long Dir: Not reported
 Lease Name: Not reported
 Well Status: Not reported
 Company2: BREIHAN HOLDINGS INC
 Owner Yes/No: Not reported
 Owner address: 106 E WASHINGTON ST
 Owner City/State/Zip: CUBA, Mi 65453
 Owner Phone#: Not reported
 Class: Not reported
 Fluid INJ: Not reported
 Township: 46
 Range: 1
 First Quarter Section: Not reported
 Second Quarter Section: Not reported
 Third Quarter Section: Not reported
 Fourth Quarter Section: Not reported
 Fifth Quarter Section: Not reported
 Last Update: Not reported
 Location Type: Not reported
 Source Info: Not reported
 Date of Last Inspection: Not reported
 Date of Last Collection: Not reported
 Inspector: Not reported
 Sample: Not reported
 Date of Sample: Not reported
 Sample Remark: Not reported
 Range Dir: East
 Survey Location 1: Not reported
 Survey Location 2: Not reported
 Well No: Not reported
 Spud Date: Not reported
 Actual Total Depth: Not reported
 Comment: Not reported
 API Number: Not reported
 Well Type Date: 01/01/1995
 Status Date: 01/01/1995
 Date Permit Issued: Not reported
 Land Grant: Not reported
 Maximum Injection Pressure (psi): Not reported
 Elevation: Not reported
 Top Perforation Depth: Not reported
 Bottom Perforation Depth: Not reported
 SPL Log: Not reported
 Date of First Production: Not reported
 Hours Tested: Not reported
 Oil Produced During Test: Not reported
 Oil Gravity: Not reported
 Gas Produced During Test: Not reported
 Water Produced During Test: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**10 MOBIL ON THE RUN #1619
 42 W HWY N
 WENTZVILLE, MO 63385**

**UST U003164646
 N/A**

UST:

Facility ID: ST0009308
 Region: SL
 Easting: 685468.980
 Northing: 4293881.07
 Owner Of Geospatial Data: Hazardous Waste Program
 Geospatial Data Collected By: CON_Fortin,Joel
 Date GIS Data Collected: 04/30/2014
 Lat/Long: 38.77417 / -90.865
 Lat/Long (dms): 38 46 27 / 90 51 54

Tanks:

Owner:

Owner ID: OW06006
 Owner Name: ARCH ENERGY LC
 Owner Address: 106 E WASHINGTON AVE
 Owner City,St,Zip: CUBA, MO 65453
 Owner County Code: 55
 Owner Phone: 5491611
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2016-04-13 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 1
 Tank Double Wall: 0
 Tank Type: Below Ground
Tank Status: Removed
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 01/01/1992
 Tank Material: Steel
 Code for Tank Material Manufacturer: Not reported
 Code for Tank Installer: Not reported
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Sacrificial
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: 03/01/2005
 Date Tank Permanently Closed/ Removed: 04/07/2005
 Dt Tk Exp Brought InUse/Internal Tracking: Not reported
 Tank Fees Waived: No
 Expedite Closure On Tank?: No
 Responsible Person Expediting Closure: CH
 Temporary Status Verified Date: Not reported
 Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 06/30/1995
 Date Record Edited: 12/22/2009
 Person Adding/Editing Record: CORBIN, M

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Date Of NFA Letter: 06/09/2006
 Is Tank Used For Emergency Generator: No
 Date Closure Notice Received: 02/03/2005
 Date Of Approval Letter: 2005-02-08 00:00:00
 Firm Closing Tank: Commonwealth
 Date Closure Report Received: 2005-05-13 00:00:00
 Registration End Date: 2010-09-30 00:00:00
 LockOut Flag: No
 Comments: 5/20/05 MAS: Rev'd CR. Need signed Haz waste manifest. Rec signed haz waste manifest. Drafting NFA. 5/24/06 HLM

Tank Compartment:

Tanks Use: False
 Compartment No: 1
 Tank Compartment PK: 23008
 Tank PK: 23008
 Case Number: Not reported
 Compartment Status: Removed
 Compartment Temp Verified Dt: Not reported
 Capacity: 10000
 Substance: Gasoline, Including Blends
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: 2005-03-01 00:00:00
 Pipe Installation Date: 1992-01-01 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: 0
 Spill Protection: True

Owner:

Owner ID: OW06006
 Owner Name: ARCH ENERGY LC
 Owner Address: 106 E WASHINGTON AVE
 Owner City,St,Zip: CUBA, MO 65453
 Owner County Code: 55
 Owner Phone: 5491611
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2016-04-13 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 2
 Tank Double Wall: 0
 Tank Type: Below Ground
Tank Status: Removed
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 01/01/1992
 Tank Material: Steel

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Code for Tank Material Manufacturer:	Not reported	
Code for Tank Installer:	Not reported	
Other Type Of Tank Material:	Not reported	
Tank Internal Protection:	Not reported	
Other Tank Internal Protection:	Not reported	
Tank Internal Protection Date:	Not reported	
Tank External Protection:	Sacrificial	
Other Type Tank Extrn Protec:	Not reported	
Tank External Protec Date:	Not reported	
Date Tank Last Used:	03/01/2005	
Date Tank Permanently Closed/ Removed:	04/07/2005	
Dt Tk Exp Brought InUse/Internal Tracking:		Not reported
Tank Fees Waived:	No	
Expedite Closure On Tank?:	No	
Responsible Person Expediting Closure:	CH	
Temporary Status Verified Date:	Not reported	
Admin Fee 585:	Not reported	
Date Administratively Closed:	Not reported	
Date Record Added:	06/30/1995	
Date Record Edited:	06/13/2008	
Person Adding/Editing Record:	HANSEN, M	
Date Of NFA Letter:	06/09/2006	
Is Tank Used For Emergency Generator:	No	
Date Closure Notice Received:	02/03/2005	
Date Of Approval Letter:	2005-02-08 00:00:00	
Firm Closing Tank:	Commonwealth	
Date Closure Report Received:	2005-05-13 00:00:00	
Registration End Date:	2010-09-30 00:00:00	
LockOut Flag:	No	
Comments:	5/20/05 MAS: Rev'd CR. Need signed Haz waste manifest. Rec signed haz waste manifest. Drafting NFA. 5/24/06 HLM	

Tank Compartment:

Tanks Use:	False
Compartment No:	1
Tank Compartment PK:	23009
Tank PK:	23009
Case Number:	Not reported
Compartment Status:	Removed
Compartment Temp Verified Dt:	Not reported
Capacity:	10000
Substance:	Gasoline, Including Blends
Substance Other:	Not reported
Hazardous Substance:	Not reported
Mixture:	False
Date of Last Use:	2005-03-01 00:00:00
Pipe Installation Date:	1992-01-01 00:00:00
Pipe System:	1
Pipe Material:	2
Pipe Material Other:	Not reported
Pipe Protection:	Not reported
Pipe Protection Date:	Not reported
Pipe Double Wall:	0
Spill Protection:	True

Owner:

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Owner ID: OW06006
 Owner Name: ARCH ENERGY LC
 Owner Address: 106 E WASHINGTON AVE
 Owner City,St,Zip: CUBA, MO 65453
 Owner County Code: 55
 Owner Phone: 5491611
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2016-04-13 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 3
 Tank Double Wall: 0
 Tank Type: Below Ground
Tank Status: Removed
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 01/01/1992
 Tank Material: Steel
 Code for Tank Material Manufacturer: Not reported
 Code for Tank Installer: Not reported
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Sacrificial
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: 03/01/2005
 Date Tank Permanently Closed/ Removed: 04/07/2005
 Dt Tk Exp Brought InUse/Internal Tracking: Not reported
 Tank Fees Waived: No
 Expedite Closure On Tank?: No
 Responsible Person Expediting Closure: CH
 Temporary Status Verified Date: Not reported
 Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 06/30/1995
 Date Record Edited: 06/13/2008
 Person Adding/Editing Record: HANSEN, M
 Date Of NFA Letter: 06/09/2006
 Is Tank Used For Emergency Generator: No
 Date Closure Notice Received: 02/03/2005
 Date Of Approval Letter: 2005-02-08 00:00:00
 Firm Closing Tank: Commonwealth
 Date Closure Report Received: 2005-05-13 00:00:00
 Registration End Date: 2010-09-30 00:00:00
 LockOut Flag: No
 Comments: 5/20/05 MAS: Rev'd CR. Need signed Haz waste manifest. Rec signed haz waste manifest. Drafting NFA. 5/24/06 HLM

Tank Compartment:
 Tanks Use: False
 Compartment No: 1
 Tank Compartment PK: 23010
 Tank PK: 23010

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Case Number: Not reported
 Compartment Status: Removed
 Compartment Temp Verified Dt: Not reported
 Capacity: 2000
 Substance: Diesel
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: 2005-03-01 00:00:00
 Pipe Installation Date: 1992-01-01 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: 0
 Spill Protection: True

Owner:

Owner ID: OW06006
 Owner Name: ARCH ENERGY LC
 Owner Address: 106 E WASHINGTON AVE
 Owner City,St,Zip: CUBA, MO 65453
 Owner County Code: 55
 Owner Phone: 5491611
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2016-04-13 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 4
 Tank Double Wall: 0
 Tank Type: Below Ground
Tank Status: Curently in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 07/08/2005
 Tank Material: Clad Steel
 Code for Tank Material Manufacturer: Not reported
 Code for Tank Installer: Not reported
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Not reported
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: Not reported
 Date Tank Permanently Closed/ Removed: Not reported
 Dt Tk Exp Brought InUse/Internal Tracking: Not reported
 Tank Fees Waived: No
 Expedite Closure On Tank?: No
 Responsible Person Expediting Closure: Not reported
 Temporary Status Verified Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 08/26/2005
 Date Record Edited: 07/15/2014
 Person Adding/Editing Record: SESSLER, D
 Date Of NFA Letter: Not reported
 Is Tank Used For Emergency Generator: No
 Date Closure Notice Received: Not reported
 Date Of Approval Letter: Not reported
 Firm Closing Tank: Not reported
 Date Closure Report Received: Not reported
 Registration End Date: 2019-09-30 00:00:00
 LockOut Flag: No
 Comments: Not reported

Tank Compartment:

Tanks Use: False
 Compartment No: 1
 Tank Compartment PK: 23011
 Tank PK: 23011
 Case Number: Not reported
 Compartment Status: Curently in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 20000
 Substance: R
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: Not reported
 Pipe Installation Date: 2005-07-08 00:00:00
 Pipe System: 1
 Pipe Material: 8
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: 0
 Spill Protection: True

Owner:

Owner ID: OW06006
 Owner Name: ARCH ENERGY LC
 Owner Address: 106 E WASHINGTON AVE
 Owner City,St,Zip: CUBA, MO 65453
 Owner County Code: 55
 Owner Phone: 5491611
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2016-04-13 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 5
 Tank Double Wall: 0
 Tank Type: Below Ground

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Tank Status:	Curently in use	
Meet 98 Update Requirements:	Not reported	
Date Tank Installed:	07/08/2005	
Tank Material:	Clad Steel	
Code for Tank Material Manufacturer:	Not reported	
Code for Tank Installer:	Not reported	
Other Type Of Tank Material:	Not reported	
Tank Internal Protection:	Not reported	
Other Tank Internal Protection:	Not reported	
Tank Internal Protection Date:	Not reported	
Tank External Protection:	Not reported	
Other Type Tank Extrn Protec:	Not reported	
Tank External Protec Date:	Not reported	
Date Tank Last Used:	Not reported	
Date Tank Permanently Closed/ Removed:	Not reported	
Dt Tk Exp Brought InUse/Internal Tracking:		Not reported
Tank Fees Waived:	No	
Expedite Closure On Tank?:	No	
Responsible Person Expediting Closure:	Not reported	
Temporary Status Verified Date:	Not reported	
Admin Fee 585:	Not reported	
Date Administratively Closed:	Not reported	
Date Record Added:	08/26/2005	
Date Record Edited:	07/15/2014	
Person Adding/Editing Record:	SESSLER, D	
Date Of NFA Letter:	Not reported	
Is Tank Used For Emergency Generator:	No	
Date Closure Notice Received:	Not reported	
Date Of Approval Letter:	Not reported	
Firm Closing Tank:	Not reported	
Date Closure Report Received:	Not reported	
Registration End Date:	2019-09-30 00:00:00	
LockOut Flag:	No	
Comments:	Not reported	
Tank Compartment:		
Tanks Use:	False	
Compartment No:	1	
Tank Compartment PK:	23012	
Tank PK:	23012	
Case Number:	Not reported	
Compartment Status:	Curently in use	
Compartment Temp Verified Dt:	Not reported	
Capacity:	10000	
Substance:	P	
Substance Other:	10K GASOLINE / 10K DIESEL	
Hazardous Substance:	Not reported	
Mixture:	False	
Date of Last Use:	Not reported	
Pipe Installation Date:	2005-07-08 00:00:00	
Pipe System:	1	
Pipe Material:	8	
Pipe Material Other:	Not reported	
Pipe Protection:	Not reported	
Pipe Protection Date:	Not reported	
Pipe Double Wall:	0	
Spill Protection:	True	

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MOBIL ON THE RUN #1619 (Continued)

U003164646

Tanks Use: False
 Compartment No: 2
 Tank Compartment PK: 40608
 Tank PK: 23012
 Case Number: Not reported
 Compartment Status: Curently in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 10000
 Substance: Diesel
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: Not reported
 Pipe Installation Date: 2005-07-08 00:00:00
 Pipe System: 1
 Pipe Material: 8
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: 0
 Spill Protection: True

Tank Aug 2011:

Facility Id: ST0009308
 Tank Id: 1
 Site Usage: 1
 Risk Type: 3
 Soil Type: Not reported
 GW Flow: 13
 Offsite Impact: 17
 Free Product: 0
 Drinking Water: 42
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No
 Surface Cap: No
 No Excavation: No

Facility Id: ST0009308
 Tank Id: 2
 Site Usage: 1
 Risk Type: 3
 Soil Type: Not reported
 GW Flow: 13
 Offsite Impact: 17
 Free Product: 0
 Drinking Water: 42
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MOBIL ON THE RUN #1619 (Continued)

U003164646

Surface Cap:	No
No Excavation:	No
Facility Id:	ST0009308
Tank Id:	3
Site Usage:	1
Risk Type:	3
Soil Type:	Not reported
GW Flow:	13
Offsite Impact:	17
Free Product:	0
Drinking Water:	42
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No
Facility Id:	ST0009308
Tank Id:	4
Site Usage:	Not reported
Risk Type:	Not reported
Soil Type:	Not reported
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No
Facility Id:	ST0009308
Tank Id:	5
Site Usage:	Not reported
Risk Type:	Not reported
Soil Type:	Not reported
GW Flow:	Not reported
Offsite Impact:	Not reported
Free Product:	Not reported
Drinking Water:	Not reported
Closed Under:	Not reported
No Drinking Wells:	No
No Buildings:	No
Vapor Barrier:	0
St Louis Mo:	No
Special Well Area:	No
Surface Cap:	No
No Excavation:	No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

10

**42 WEST ROUTE N
 WENTZVILLE, MO**

**SPILLS S106490847
 N/A**

MO SPILLS:
 Facility ID: 0404240956EJS
 Regional Office: SLRO
 Spill Number: 0404240956EJS
 Date Reported: 04/24/2004
 Call Date/time: 09:56:00
 Lat/Long: 38.7758293 -90.866539
 UTM Zone For GPS: 15
 Discovery Date: 04/24/2004
 Email: False
 Is This A Continuous Release To Be Monitered?: False

10

**PINNACLE PETROLEUM
 42 W HWY N
 WENTZVILLE, MO 63385**

**AST A100343170
 N/A**

AST:
 Facility ID: 4618
 Facility Telephone Number: 636-327-1640
 Products Count: 52
 Cabinets Count: 8
 Total number of meters: 36
 AST Count: 0
 UST Count: 3
 Product Count: 87;89;93;2-D;
 Prof Cat: KCA;STA;
 Facility Status: Active
 Latitude: 38.77383
 Longitude: -90.86497

10

**PINNACLE PETROLEUM LLC
 42 W HIGHWAY N
 WENTZVILLE, MO 63385**

**EDR Hist Auto 1020205408
 N/A**

EDR Hist Auto

Year:	Name:	Type:
2002	PINNACLE PETROLEUM LLC	Gasoline Service Stations
2003	PINNACLE PETROLEUM LLC	Gasoline Service Stations
2004	PINNACLE PETROLEUM LLC	Gasoline Service Stations
2005	PINNACLE PETROLEUM LLC	Gasoline Service Stations, NEC
2006	PINNACLE PETROLEUM LLC	Gasoline Service Stations, NEC
2007	PINNACLE PETROLEUM LLC	Gasoline Service Stations, NEC
2008	PINNACLE PETROLEUM LLC	Gasoline Service Stations, NEC
2009	PINNACLE PETROLEUM LLC	Gasoline Service Stations, NEC
2010	PINNACLE PETROLEUM LLC	Gasoline Service Stations, NEC
2011	MOBIL ON RUN 1619	Gasoline Service Stations, NEC
2012	MOBIL ON RUN 1619	Gasoline Service Stations, NEC
2013	MOBIL ON RUN 1619	Gasoline Service Stations, NEC
2014	MOBIL ON RUN 1619	Gasoline Service Stations, NEC

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MOBIL MART (Continued)

1004741511

Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 04/18/2005
 Owner/Op end date: Not reported

Owner/operator name: ARCH ENERGY LC
 Owner/operator address: 106 E WASHINGTON
 CUBA, MO 65453

Owner/operator country: Not reported
 Owner/operator telephone: 573-885-2277
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Owner/operator name: WALLIS COMPANIES
 Owner/operator address: 106 E WASHINGTON
 CUBA, MO 65453

Owner/operator country: US
 Owner/operator telephone: 573-885-2277
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 04/18/2005
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 04/18/2005
 Site name: MOBIL MART
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

MOBIL MART (Continued)

1004741511

Date form received by agency: 06/27/1996
 Site name: 619 Z & N MOBIL MART
 Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D018
 . Waste name: BENZENE

Violation Status: No violations found

**10 MOBIL ON THE RUN 1619
 42 WEST HIGHWAY N
 WENTZVILLE, MO 63385**

**FINDS 1023626303
 ECHO N/A**

FINDS:

Registry ID: 110070033336

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1023626303
 Registry ID: 110070033336
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070033336>

**10 #1619 WALLIS MOBIL
 42 W HWY N
 WENTZVILLE, MI 63385**

**UIC S122510619
 N/A**

UIC:

Facility Status: Active Well
 Permit Yes/No: Not reported
 Permit Number: MOS018350195
 Lat Decimal: 38.77367
 Long Decimal: -90.86484
 Long Dir: Not reported
 Lease Name: Not reported
 Well Status: Not reported
 Company2: BREIHAN HOLDINGS INC
 Owner Yes/No: Not reported
 Owner address: 106 E WASHINGTON ST
 Owner City/State/Zip: CUBA, MI 65453
 Owner Phone#: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

#1619 WALLIS MOBIL (Continued)

S122510619

Class:	Not reported
Fluid INJ:	Not reported
Township:	46
Range:	1
First Quarter Section:	Not reported
Second Quarter Section:	Not reported
Third Quarter Section:	Not reported
Fourth Quarter Section:	Not reported
Fifth Quarter Section:	Not reported
Last Update:	Not reported
Location Type:	Not reported
Source Info:	Not reported
Date of Last Inspection:	Not reported
Date of Last Collection:	Not reported
Inspector:	Not reported
Sample:	Not reported
Date of Sample:	Not reported
Sample Remark:	Not reported
Range Dir:	East
Survey Location 1:	Not reported
Survey Location 2:	Not reported
Well No:	Not reported
Spud Date:	Not reported
Actual Total Depth:	Not reported
Comment:	Not reported
API Number:	Not reported
Well Type Date:	01/01/1996
Status Date:	01/01/1996
Date Permit Issued:	Not reported
Land Grant:	Not reported
Maximum Injection Pressure (psi):	Not reported
Elevation:	Not reported
Top Perforation Depth:	Not reported
Bottom Perforation Depth:	Not reported
SPL Log:	Not reported
Date of First Production:	Not reported
Hours Tested:	Not reported
Oil Produced During Test:	Not reported
Oil Gravity:	Not reported
Gas Produced During Test:	Not reported
Water Produced During Test:	Not reported

**10 MOBIL ON THE RUN #1619
 42 W HWY N
 WENTZVILLE, MO 63385**

**FINDS 1014767789
 N/A**

FINDS:

Registry ID: 110042740914

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

MOBIL ON THE RUN #1619 (Continued)

1014767789

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

10	BERTRAM OIL CO INC 2 E N MAIN WENTZVILLE, MO 63385	EDR Hist Auto	1021888299 N/A
-----------	-------------------------------------------------------------------------------	----------------------	---------------------------------

EDR Hist Auto

Year:	Name:	Type:	
1971	BERTRAM OIL CO INC	Toys And Hobby Goods And Supplies	
1972	BERTRAM OIL CO INC	Toys And Hobby Goods And Supplies	

10	FREDS MUFFLER & BRAKE 1474 S SVC RD HIGHWAY 70 W WENTZVILLE, MO 63385	EDR Hist Auto	1020210214 N/A
-----------	------------------------------------------------------------------------------------------------------	----------------------	---------------------------------

EDR Hist Auto

Year:	Name:	Type:	
1999	LOGAN AL	Gasoline Service Stations, NEC	
2000	LOGAN AL	Gasoline Service Stations, NEC	

10	M F A EXCHANGE 210 W S MAIN WENTZVILLE, MO 63385	SSTS	1005432780 N/A
-----------	-----------------------------------------------------------------------------	-------------	---------------------------------

SSTS:

Product:	BICEP
Contact:	Not reported
Status:	Active
Registration Number:	005353MO 029
Report Year:	1990
Permit:	Registered
Product Number:	00010000645
Product Type:	Repackaged or relabeled
Product Class:	Herbicide
Product Use:	All other products
UOM:	Not reported
Market:	Marketed in the United States
Region:	Not reported
Zero product:	Not reported
Pesticide RUP report:	Not reported

Product:	LARIAT
Contact:	Not reported
Status:	Active
Registration Number:	005353MO 029
Report Year:	1990
Permit:	Registered
Product Number:	00052400329
Product Type:	Repackaged or relabeled
Product Class:	Herbicide
Product Use:	All other products

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

M F A EXCHANGE (Continued)

1005432780

UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: LASSO
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: 1990
 Permit: Registered
 Product Number: 00052400314
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: BICEP
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: 1991
 Permit: Registered
 Product Number: 00010000645
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: LARIAT
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: 1991
 Permit: Registered
 Product Number: 00052400329
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: LASSO
 Contact: Not reported
 Status: Active

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

M F A EXCHANGE (Continued)

1005432780

Registration Number: 005353MO 029
 Report Year: 1991
 Permit: Registered
 Product Number: 00052400314
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

**10 MFA AGRI SVC - WENTZVILLE
210 W S MAIN
WENTZVILLE, MO 63385**

**FINDS 1012003371
N/A**

FINDS:

Registry ID: 110038237388

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**10 MFA EXCHANGE
210 W SOUTH MAIN ST
WERTZVILLE, MO 63385**

**FTTS 1009518180
HIST FTTS N/A**

FTTS INSP:

Inspection Number: 19950301F2895 1
 Region: 07
 Inspection Date: 03/01/95
 Inspector: WELCH
 Violation occurred: No
 Investigation Type: General Product Review
 Investigation Reason: Neutral Scheme, Region
 Legislation Code: FIFRA
 Facility Function: Producer

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA EXCHANGE (Continued)

1009518180

HIST FTTS INSP:

Inspection Number: 19950301F2895 1
 Region: 07
 Inspection Date: Not reported
 Inspector: WELCH
 Violation occurred: No
 Investigation Type: General Product Review
 Investigation Reason: Neutral Scheme, Region
 Legislation Code: FIFRA
 Facility Function: Producer

10

**MFA AGRI SVC - WENTZVILLE
 210 W S MAIN
 WENTZVILLE, MO 63385**

**SSTS 1005433217
 N/A**

SSTS:

Product: BROADSTRIKE SF + DUAL
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: Not reported
 Permit: Registered
 Product Number: 06271900239
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: BICEP II MAGNUM
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: Not reported
 Permit: Registered
 Product Number: 00010000817
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: TOUCHDOWN
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: Not reported
 Permit: Registered
 Product Number: 01018200324
 Product Type: Repackaged or relabeled

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: BICEP II
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: 1997
 Permit: Registered
 Product Number: 00010000710
 Product Type: Technical material or active ingredient
 Product Class: Not reported
 Product Use: Not reported
 UOM: G
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: BROADSTRIKE/DUAL
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: 1997
 Permit: Registered
 Product Number: 06271900239
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Not reported
 UOM: G
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: TOUCHDOWN
 Contact: Not reported
 Status: Active
 Registration Number: 005353MO 029
 Report Year: 1997
 Permit: Registered
 Product Number: 01018200324
 Product Type: End-use blend, formulation, or concentrate
 Product Class: Not reported
 Product Use: Not reported
 UOM: G
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: BICEP II MAGNUM

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO 029
 Report Year: 1999
 Permit: Registered
 Product Number: 00010000817
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: STEEL
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO 029
 Report Year: 1999
 Permit: Registered
 Product Number: 00024100376
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: TOUCHDOWN
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO 029
 Report Year: 1999
 Permit: Registered
 Product Number: 01018200429
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: BICEP II MAGNUM
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO 029
 Report Year: 2000
 Permit: Registered
 Product Number: 00010000817
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: SQUADRON
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO 029
 Report Year: 2000
 Permit: Registered
 Product Number: 00024100327
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: TOUCHDOWN 5L
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO 029
 Report Year: 2000
 Permit: Registered
 Product Number: 01018200429
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: FULTIME
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2001
 Permit: Registered
 Product Number: 01018200419
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: GLYPHOMAS PLUS
 Contact: Not reported
 Status: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Registration Number: 005353MO029
 Report Year: 2001
 Permit: Registered
 Product Number: 06271900322
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: SQUADRON
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2001
 Permit: Registered
 Product Number: 00024100327
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: GLYPHOMAX PLUS
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2002
 Permit: Registered
 Product Number: 06271900322
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: FULTIME
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2002
 Permit: Registered
 Product Number: 06271900371
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: PROWL 3.3 EC
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2002
 Permit: Registered
 Product Number: 00024100337
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: GLYPHOMAX PLUS
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2003
 Permit: Registered
 Product Number: 06271900322
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: KEYSTONE
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2003
 Permit: Registered
 Product Number: 06271900368
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: PENDIMAX 3.3
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2003

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Permit: Registered
 Product Number: 0681560006061719
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: GLYPHOMAX PLUS
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2004
 Permit: Not reported
 Product Number: 106271900322
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: KEYSTONE
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2004
 Permit: Not reported
 Product Number: 106271900368
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: GLYPHOMAX PLUS
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2005
 Permit: Not reported
 Product Number: 06271900322
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Pesticide RUP report: Not reported

Product: KEYSTONE
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2005
 Permit: Not reported
 Product Number: 06271900368
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: DURANGO
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2006
 Permit: Not reported
 Product Number: 062719-00517
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Not reported
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: KEYSTONE
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2006
 Permit: Not reported
 Product Number: 062719-00368
 Product Type: Not reported
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Not reported
 Region: Not reported
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: KEYSTONE
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2007
 Permit: Registered
 Product Number: 06271900368

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: Restricted use only
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: DURANGO
 Contact: Not reported
 Status: Not reported
 Registration Number: 005353MO029
 Report Year: 2007
 Permit: Registered
 Product Number: 06271900556
 Product Type: Repackaged or relabeled
 Product Class: Herbicide
 Product Use: All other products
 UOM: Not reported
 Market: Marketed in the United States
 Region: 07
 Zero product: Not reported
 Pesticide RUP report: Not reported

Product: KEYSTONE
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2008
 Permit: Not reported
 Product Number: 72719-368
 Product Type: Repackaged or relabeled
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: 7
 Zero product: No
 Pesticide RUP report: 1

Product: DURANGO
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2008
 Permit: Not reported
 Product Number: 62719-517
 Product Type: Repackaged or relabeled
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: 7
 Zero product: No
 Pesticide RUP report: 2

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Product: ROUNDUP POWER MAX
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2008
 Permit: Not reported
 Product Number: 524-549
 Product Type: Repackaged or relabeled
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: 7
 Zero product: No
 Pesticide RUP report: 2

Product: DEGREE XTRA
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2009
 Permit: Not reported
 Product Number: 524-511
 Product Type: Repackaged or relabeled
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: No
 Pesticide RUP report: 1

Product: DURANGO
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2009
 Permit: Not reported
 Product Number: 62719-556
 Product Type: Repackaged or relabeled
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: No
 Pesticide RUP report: 2

Product: KEYSTONE
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2009
 Permit: Not reported
 Product Number: 62719-368
 Product Type: Repackaged or relabeled
 Product Class: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MFA AGRI SVC - WENTZVILLE (Continued)

1005433217

Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: No
 Pesticide RUP report: 1

Product: ROUNDUP POWER MAX
 Contact: ALAN MAHONEY SER MANAGER P: 573-876-5402
 Status: Not reported
 Registration Number: 005353-MO-029
 Report Year: 2009
 Permit: Not reported
 Product Number: 524-549
 Product Type: Repackaged or relabeled
 Product Class: Not reported
 Product Use: Not reported
 UOM: Not reported
 Market: Marketed in the United States
 Region: Not reported
 Zero product: No
 Pesticide RUP report: 2

10

**MFA AGRI SERVICES
 210 W SOUTH MAIN
 WENTZVILLE, MO 63385**

**FTTS 1009518173
 HIST FTTS N/A**

FTTS INSP:
 Inspection Number: 19990106MO-05 1
 Region: 07
 Inspection Date: 01/06/99
 Inspector: UTHLAUT
 Violation occurred: Yes
 Investigation Type: General Product Review
 Investigation Reason: Neutral Scheme, State
 Legislation Code: FIFRA
 Facility Function: Marketplace

HIST FTTS INSP:
 Inspection Number: 19990106MO-05 1
 Region: 07
 Inspection Date: Not reported
 Inspector: UTHLAUT
 Violation occurred: Yes
 Investigation Type: General Product Review
 Investigation Reason: Neutral Scheme, State
 Legislation Code: FIFRA
 Facility Function: Marketplace

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

10	WENTZVILLE ELEMENTARY SCH 1MI W OF INT MEXICO RD WENTZVILLE, MO 63385	FINDS ECHO	1009609289 N/A
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FINDS:

Registry ID: 110025338579

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1009609289
 Registry ID: 110025338579
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110025338579>

10	QUICK PICK 41 AND 47 WEST HWY N WENTZVILLE, MI 63385	UIC	S122510620 N/A
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UIC:

Facility Status: Abandoned
 Permit Yes/No: Not reported
 Permit Number: MOS018350201
 Lat Decimal: 38.77416
 Long Decimal: -90.86438
 Long Dir: Not reported
 Lease Name: Not reported
 Well Status: Not reported
 Company2: BREIHAN HOLDINGS INC
 Owner Yes/No: Not reported
 Owner address: 106 E WASHINGTON ST
 Owner City/State/Zip: CUBA, Mi 65453
 Owner Phone#: Not reported
 Class: Not reported
 Fluid INJ: Not reported
 Township: 46
 Range: 1
 First Quarter Section: Not reported
 Second Quarter Section: Not reported
 Third Quarter Section: Not reported
 Fourth Quarter Section: Not reported
 Fifth Quarter Section: Not reported
 Last Update: Not reported
 Location Type: Not reported
 Source Info: Not reported
 Date of Last Inspection: Not reported
 Date of Last Collection: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUICK PICK (Continued)

S122510620

Inspector: Not reported
 Sample: Not reported
 Date of Sample: Not reported
 Sample Remark: Not reported
 Range Dir: East
 Survey Location 1: Not reported
 Survey Location 2: Not reported
 Well No: Not reported
 Spud Date: Not reported
 Actual Total Depth: Not reported
 Comment: Not reported
 API Number: Not reported
 Well Type Date: 01/01/1996
 Status Date: 06/20/2018
 Date Permit Issued: Not reported
 Land Grant: Not reported
 Maximum Injection Pressure (psi): Not reported
 Elevation: Not reported
 Top Perforation Depth: Not reported
 Bottom Perforation Depth: Not reported
 SPL Log: Not reported
 Date of First Production: Not reported
 Hours Tested: Not reported
 Oil Produced During Test: Not reported
 Oil Gravity: Not reported
 Gas Produced During Test: Not reported
 Water Produced During Test: Not reported

10

**QUICK PICK
 41 AND 47 WEST HWY N
 WENTZVILLE, MI 63385**

**UIC S121444523
 N/A**

UIC:
 Facility Status: Abandoned
 Permit Yes/No: Not reported
 Permit Number: MOS018350098
 Lat Decimal: 38.77414
 Long Decimal: -90.86419
 Long Dir: Not reported
 Lease Name: Not reported
 Well Status: Not reported
 Company2: BREIHAN HOLDINGS INC
 Owner Yes/No: Not reported
 Owner address: 106 E WASHINGTON ST
 Owner City/State/Zip: CUBA, Mi 65453
 Owner Phone#: Not reported
 Class: Not reported
 Fluid INJ: Not reported
 Township: 46
 Range: 1
 First Quarter Section: Not reported
 Second Quarter Section: Not reported
 Third Quarter Section: Not reported
 Fourth Quarter Section: Not reported
 Fifth Quarter Section: Not reported
 Last Update: Not reported
 Location Type: Not reported
 Source Info: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUICK PICK (Continued)

S121444523

Date of Last Inspection: Not reported
 Date of Last Collection: Not reported
 Inspector: Not reported
 Sample: Not reported
 Date of Sample: Not reported
 Sample Remark: Not reported
 Range Dir: East
 Survey Location 1: Not reported
 Survey Location 2: Not reported
 Well No: Not reported
 Spud Date: Not reported
 Actual Total Depth: Not reported
 Comment: Not reported
 API Number: Not reported
 Well Type Date: 01/11/2000
 Status Date: 06/20/2018
 Date Permit Issued: Not reported
 Land Grant: Not reported
 Maximum Injection Pressure (psi): Not reported
 Elevation: Not reported
 Top Perforation Depth: Not reported
 Bottom Perforation Depth: Not reported
 SPL Log: Not reported
 Date of First Production: Not reported
 Hours Tested: Not reported
 Oil Produced During Test: Not reported
 Oil Gravity: Not reported
 Gas Produced During Test: Not reported
 Water Produced During Test: Not reported

**10 MFA INCORPORATED
 219 W SOUTH MAIN
 WENTZVILLE, MO 63385**

**FINDS 1007691274
 N/A**

FINDS:

Registry ID: 110017986232

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

11	MAJESTIC MARBLE, INC 122 E MO HWY A WENTZVILLE, MO 63385	AIRS	S108943799 N/A
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AIRS:

Year:	Not reported
Facility ID:	AP0200303102
Start Review Date:	03/20/2003
Program ID:	AP200303102
Complete Date:	08/31/2006
Country:	Not reported
Permit Number:	Not reported
Step Name:	AP: Closed Out, Inactive
Permittee Name:	AP: Applicability Determination Request
SA Description:	Not reported
Locator X:	122 E MO Hwy A
Expiration Date:	Not reported
Received Submittal Date:	03/20/2003
Description:	Cultured Marble
Contact Name:	Hale, Kendall
Cons Name:	BRUCE BROWN
Port Cnty:	Not reported
Permit Code:	AP151
FIPS Plant:	0303102
Contact Code:	APKH1
Days From Start:	4470
Days From Completion:	1260
Number of Days:	4470
Organization Formal Name:	Not reported
Affiliation Type Code:	Not reported
Facility Category Code:	Not reported
Facility Site Status Code:	Not reported
Facility Site Status Code Year:	Not reported
Facility Site Comment:	Not reported
NAICS Code:	Not reported
Supplemental Location Text:	Not reported
Latitude:	Not reported
Longitude:	Not reported

12	WENTZVILLE SMALL MS4 200 E. FOURHT STREET WENTZVILLE, MO 63385	FINDS	1014764168 N/A
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FINDS:

Registry ID: 110042815736

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

13	BUCKNER ROAD 505 BUCKNER RD WENTZVILLE, MO 63385	FINDS ECHO	1024017143 N/A
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FINDS:

Registry ID: 110070112353

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024017143
 Registry ID: 110070112353
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070112353>

13	BUCKNER ROAD 505 BUCKNER RD WENTZVILLE, MO 63385	NPDES	S120942981 N/A
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NPDES:

Permit Number: MORA11198
 Permit Status: Effective
 SIC: 1629
 SIC Description: HEAVY CONSTRUCTION
 Issue Date: 09/13/2017
 Effective Date: 09/13/2017
 Category Description: Not reported
 Treatment Type Description: Storm Water
 Facility Telephone: 6363574760
 Owner Name: NONE
 Owner Address: 1093 ELLERMAN OAKS
 Owner Address 2: Not reported
 Owner City: FORISTELL
 Owner State: MO
 Owner Zip: 63385
 Permit Type 100: Not reported
 Major 10: Not reported
 Region 10: Not reported
 Issuing Authority 10: Not reported
 Permit Action 100: Not reported
 Date Notification 25: Not reported
 Region Decode: Not reported
 Iss Auth Decode: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

14	BUCKNER ROAD STORAGE 27 BUCKNER RD WENTZVILLE, MO 63385	FINDS ECHO	1010502665 N/A
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FINDS:

Registry ID: 110032823372

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1010502665
 Registry ID: 110032823372
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110032823372>

15	300 EAST PIERCE BOULEVARD WENTZVILLE, MO	SPILLS	S118159802 N/A
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MO SPILLS:

Facility ID: 1506061204BWH
 Regional Office: SLRO
 Spill Number: 1506061204BWH
 Date Reported: 06/06/2015
 Call Date/time: 12:04:00
 Lat/Long: 38.8125305 -90.850479
 UTM Zone For GPS: 15
 Discovery Date: 06/06/2015
 Email: False
 Is This A Continuous Release To Be Monitered?: False

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site
 Database(s)
 EDR ID Number
 EPA ID Number

16 **PETRO MART #74** **AST** **A100342109**
463 HAWKS RIDGE TRAIL
LAKE ST LOUIS, MO 63367 **N/A**

AST:
 Facility ID: 8453
 Facility Telephone Number: 636-561-4048
 Products Count: 38
 Cabinets Count: 6
 Total number of meters: 26
 AST Count: 0
 UST Count: 4
 Product Count: 87;89;91;2-D;
 Prof Cat: KCA;STA;
 Facility Status: Active
 Latitude: Not reported
 Longitude: Not reported

16 **WESTERN OIL** **UST** **U004136901**
463 HAWK RIDGE TRAIL
LAKE ST LOUIS, MO 63366 **N/A**

UST:
 Facility ID: ST0021705
 Region: SL
 Easting: 692778.050
 Northing: 4293301.61
 Owner Of Geospatial Data: Hazardous Waste Program
 Geospatial Data Collected By: CORBIN, M
 Date GIS Data Collected: 09/23/2010
 Lat/Long: Not reported
 Lat/Long (dms): Not reported

Tanks:

Owner:

Owner ID: OW02675
 Owner Name: WESTERN OIL INC
 Owner Address: 3553 RIDER TRAIL SOUTH
 Owner City,St,Zip: EARTH CITY, MO 63045
 Owner County Code: Not reported
 Owner Phone: 7389900
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2018-05-09 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 1
 Tank Double Wall: Not reported
 Tank Type: Below Ground
Tank Status: Curently in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 08/07/2008
 Tank Material: Fiberglass
 Code for Tank Material Manufacturer: Not reported
 Code for Tank Installer: Not reported
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WESTERN OIL (Continued)

U004136901

Other Tank Internal Protection:	Not reported	
Tank Internal Protection Date:	Not reported	
Tank External Protection:	Not reported	
Other Type Tank Extn Protec:	Not reported	
Tank External Protec Date:	Not reported	
Date Tank Last Used:	Not reported	
Date Tank Permanently Closed/ Removed:	Not reported	
Dt Tk Exp Brought InUse/Internal Tracking:		Not reported
Tank Fees Waived:	Not reported	
Expedite Closure On Tank?:	Not reported	
Responsible Person Expediting Closure:	Not reported	
Temporary Status Verified Date:	Not reported	
Admin Fee 585:	Not reported	
Date Administratively Closed:	Not reported	
Date Record Added:	03/09/2009	
Date Record Edited:	07/24/2014	
Person Adding/Editing Record:	SESSLER, D	
Date Of NFA Letter:	Not reported	
Is Tank Used For Emergency Generator:	Not reported	
Date Closure Notice Received:	Not reported	
Date Of Approval Letter:	Not reported	
Firm Closing Tank:	Not reported	
Date Closure Report Received:	Not reported	
Registration End Date:	2023-09-30 00:00:00	
LockOut Flag:	No	
Comments:	Not reported	
Tank Compartment:		
Tanks Use:	False	
Compartment No:	1	
Tank Compartment PK:	40809	
Tank PK:	40354	
Case Number:	Not reported	
Compartment Status:	Curently in use	
Compartment Temp Verified Dt:	Not reported	
Capacity:	20000	
Substance:	R	
Substance Other:	Not reported	
Hazardous Substance:	Not reported	
Mixture:	False	
Date of Last Use:	Not reported	
Pipe Installation Date:	2008-09-06 00:00:00	
Pipe System:	1	
Pipe Material:	2	
Pipe Material Other:	Not reported	
Pipe Protection:	Not reported	
Pipe Protection Date:	Not reported	
Pipe Double Wall:	-1	
Spill Protection:	True	
Tanks Use:		
Tanks Use:	False	
Compartment No:	2	
Tank Compartment PK:	40810	
Tank PK:	40354	
Case Number:	Not reported	
Compartment Status:	Curently in use	
Compartment Temp Verified Dt:	Not reported	
Capacity:	6000	

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WESTERN OIL (Continued)

U004136901

Substance: R
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: Not reported
 Pipe Installation Date: 2008-09-06 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: -1
 Spill Protection: True

Owner:

Owner ID: OW02675
 Owner Name: WESTERN OIL INC
 Owner Address: 3553 RIDER TRAIL SOUTH
 Owner City,St,Zip: EARTH CITY, MO 63045
 Owner County Code: Not reported
 Owner Phone: 7389900
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2018-05-09 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 2
 Tank Double Wall: Not reported
 Tank Type: Below Ground
Tank Status: Curently in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 08/07/2008
 Tank Material: Fiberglass
 Code for Tank Material Manufacturer: Not reported
 Code for Tank Installer: Not reported
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Not reported
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: Not reported
 Date Tank Permanently Closed/ Removed: Not reported
 Dt Tk Exp Brought InUse/Internal Tracking: Not reported
 Tank Fees Waived: Not reported
 Expedite Closure On Tank?: Not reported
 Responsible Person Expediting Closure: Not reported
 Temporary Status Verified Date: Not reported
 Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 03/09/2009
 Date Record Edited: 07/24/2014

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WESTERN OIL (Continued)

U004136901

Person Adding/Editing Record:	SESSLER, D
Date Of NFA Letter:	Not reported
Is Tank Used For Emergency Generator:	Not reported
Date Closure Notice Received:	Not reported
Date Of Approval Letter:	Not reported
Firm Closing Tank:	Not reported
Date Closure Report Received:	Not reported
Registration End Date:	2023-09-30 00:00:00
LockOut Flag:	No
Comments:	Not reported
Tank Compartment:	
Tanks Use:	False
Compartment No:	1
Tank Compartment PK:	40811
Tank PK:	40355
Case Number:	Not reported
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	8000
Substance:	P
Substance Other:	Not reported
Hazardous Substance:	Not reported
Mixture:	False
Date of Last Use:	Not reported
Pipe Installation Date:	2008-09-06 00:00:00
Pipe System:	1
Pipe Material:	2
Pipe Material Other:	Not reported
Pipe Protection:	Not reported
Pipe Protection Date:	Not reported
Pipe Double Wall:	-1
Spill Protection:	True
Tanks Use:	False
Compartment No:	2
Tank Compartment PK:	40812
Tank PK:	40355
Case Number:	Not reported
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	4000
Substance:	Diesel
Substance Other:	Not reported
Hazardous Substance:	Not reported
Mixture:	False
Date of Last Use:	Not reported
Pipe Installation Date:	2008-09-06 00:00:00
Pipe System:	1
Pipe Material:	2
Pipe Material Other:	Not reported
Pipe Protection:	Not reported
Pipe Protection Date:	Not reported
Pipe Double Wall:	-1
Spill Protection:	True

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WESTERN OIL (Continued)

U004136901

Tank Aug 2011:
 Facility Id: ST0021705
 Tank Id: 1
 Site Usage: Not reported
 Risk Type: Not reported
 Soil Type: Not reported
 GW Flow: Not reported
 Offsite Impact: Not reported
 Free Product: Not reported
 Drinking Water: Not reported
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No
 Surface Cap: No
 No Excavation: No

Facility Id: ST0021705
 Tank Id: 2
 Site Usage: Not reported
 Risk Type: Not reported
 Soil Type: Not reported
 GW Flow: Not reported
 Offsite Impact: Not reported
 Free Product: Not reported
 Drinking Water: Not reported
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No
 Surface Cap: No
 No Excavation: No

16

**WESTERN OIL INC
 463 HAWK RIDGE TRAIL DR
 LAKE ST LOUIS, MO 63367**

**EDR Hist Auto 1020774163
 N/A**

EDR Hist Auto

Year:	Name:	Type:
2009	WESTERN OIL INC	Gasoline Service Stations
2010	WESTERN OIL INC	Gasoline Service Stations
2011	WESTERN OIL INC	Gasoline Service Stations
2012	WESTERN OIL INC	Gasoline Service Stations
2012	WESTERN OIL INC	Gasoline Service Stations
2013	WESTERN OIL INC	Gasoline Service Stations
2013	WESTERN OIL INC	Gasoline Service Stations
2014	WESTERN OIL INC	Gasoline Service Stations
2014	WESTERN OIL INC	Gasoline Service Stations

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

17	LOWES HOME CENTERS INC # 2311	RCRA-SQG	1010322853
	6302 RONALD REAGAN DR		MOR000525527
	LAKE ST LOUIS, MO 63367		

RCRA-SQG:

Date form received by agency: 10/30/2017
 Facility name: LOWES HOME CENTERS INC # 2311
 Facility address: 6302 RONALD REAGAN DR
 LAKE ST LOUIS, MO 63367-2670
 EPA ID: MOR000525527
 Mailing address: PO BOX 1000 MAILCODE LPMO
 MOORESVILLE, NC 28115-1000
 Contact: ROB GASS
 Contact address: PO BOX 1000 MAILCODE LPMO
 MOORESVILLE, NC 28115-1000
 Contact country: US
 Contact telephone: 704-758-6033
 Contact email: ROBERT.A.GASS@LOWES.COM
 EPA Region: 07
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: LOWES HOME CENTERS INC
 Owner/operator address: PO BOX 1000
 MOORESVILLE, NC 28115
 Owner/operator country: US
 Owner/operator telephone: 704-758-2000
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 11/27/2006
 Owner/Op end date: Not reported

Owner/operator name: LOWES HOME CENTERS INC
 Owner/operator address: PO BOX 1000
 MOORESVILLE, NC 28115
 Owner/operator country: US
 Owner/operator telephone: 704-758-2000
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 11/27/2006
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LOWES HOME CENTERS INC # 2311 (Continued)

1010322853

Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

. Waste code: D001
 . Waste name: IGNITABLE WASTE

. Waste code: D002
 . Waste name: CORROSIVE WASTE

. Waste code: D003
 . Waste name: REACTIVE WASTE

. Waste code: D005
 . Waste name: BARIUM

. Waste code: D006
 . Waste name: CADMIUM

. Waste code: D007
 . Waste name: CHROMIUM

. Waste code: D008
 . Waste name: LEAD

. Waste code: D011
 . Waste name: SILVER

. Waste code: D016
 . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D018
 . Waste name: BENZENE

. Waste code: D035
 . Waste name: METHYL ETHYL KETONE

. Waste code: U002
 . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U071
 . Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
 . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U080
 . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LOWES HOME CENTERS INC # 2311 (Continued)

1010322853

- . Waste code: U123
- . Waste name: FORMIC ACID (C,T)

- . Waste code: U134
- . Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

- . Waste code: U165
- . Waste name: NAPHTHALENE

- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE

- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Historical Generators:

Date form received by agency: 09/03/2015
 Site name: LOWES HOME CENTERS INC #2311
 Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D016

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LOWES HOME CENTERS INC # 2311 (Continued)

1010322853

- . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)
- . Waste code: U071
- . Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE
- . Waste code: U072
- . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
- . Waste code: U123
- . Waste name: FORMIC ACID (C,T)
- . Waste code: U134
- . Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)
- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
- . Waste code: U165
- . Waste name: NAPHTHALENE
- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE
- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Date form received by agency: 04/18/2011

Site name: LOWES HOME CENTERS INC #2311

Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LOWES HOME CENTERS INC # 2311 (Continued)

1010322853

. Waste code:	D003
. Waste name:	REACTIVE WASTE
. Waste code:	D005
. Waste name:	BARIUM
. Waste code:	D006
. Waste name:	CADMIUM
. Waste code:	D007
. Waste name:	CHROMIUM
. Waste code:	D008
. Waste name:	LEAD
. Waste code:	D011
. Waste name:	SILVER
. Waste code:	D016
. Waste name:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
. Waste code:	D018
. Waste name:	BENZENE
. Waste code:	D035
. Waste name:	METHYL ETHYL KETONE
. Waste code:	U002
. Waste name:	2-PROPANONE (I) (OR) ACETONE (I)
. Waste code:	U071
. Waste name:	BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE
. Waste code:	U072
. Waste name:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
. Waste code:	U080
. Waste name:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
. Waste code:	U123
. Waste name:	FORMIC ACID (C,T)
. Waste code:	U134
. Waste name:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
. Waste code:	U154
. Waste name:	METHANOL (I) (OR) METHYL ALCOHOL (I)
. Waste code:	U159
. Waste name:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
. Waste code:	U165
. Waste name:	NAPHTHALENE
. Waste code:	U210
. Waste name:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LOWES HOME CENTERS INC # 2311 (Continued)

1010322853

- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE

- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Date form received by agency: 11/27/2006

Site name: LOWES HOME CENTERS INC #2311

Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D003
- . Waste name: REACTIVE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D016
- . Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

- . Waste code: U002
- . Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

- . Waste code: U071
- . Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

- . Waste code: U072
- . Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

- . Waste code: U080
- . Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

LOWES HOME CENTERS INC # 2311 (Continued)

1010322853

- . Waste code: U123
- . Waste name: FORMIC ACID (C,T)

- . Waste code: U134
- . Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

- . Waste code: U154
- . Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

- . Waste code: U159
- . Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

- . Waste code: U165
- . Waste name: NAPHTHALENE

- . Waste code: U210
- . Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

- . Waste code: U220
- . Waste name: BENZENE, METHYL- (OR) TOLUENE

- . Waste code: U226
- . Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/31/2007
 Evaluation: COMPLIANCE ASSISTANCE VISIT
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

**18 WEHMEYER FARMS
 28 FORRESTER
 WENTZVILLE, MO 63385**

**FINDS 1014764181
 N/A**

FINDS:

Registry ID: 110042815861

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

19	ST. GIANNA CATHOLIC CHURCH 484 EAST HIGHWAY N WENTZVILLE, MO 63385	NPDES	S110829306 N/A
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NPDES:

Permit Number:	MORA05967
Permit Status:	Effective
SIC:	1629
SIC Description:	HEAVY CONSTRUCTION
Issue Date:	12/11/2014
Effective Date:	12/11/2014
Category Description:	Not reported
Treatment Type Description:	Storm Water
Facility Telephone:	Not reported
Owner Name:	ST. CHARLES CATHOLIC CHURCH
Owner Address:	20 ARCHBISHOP MAY DRIVE
Owner Address 2:	Not reported
Owner City:	ST. LOUIS
Owner State:	MO
Owner Zip:	63119
Permit Type 100:	Not reported
Major 10:	Not reported
Region 10:	Not reported
Issuing Authority 10:	Not reported
Permit Action 100:	Not reported
Date Notification 25:	Not reported
Region Decode:	Not reported
Iss Auth Decode:	Not reported

19	ST. GIANNA CATHOLIC CHURCH 484 EAST HIGHWAY N WENTZVILLE, MO 63385	FINDS ECHO	1016045673 N/A
-----------	-----------------------------------------------------------------------------------------------	-----------------------------	---------------------------------

FINDS:

Registry ID: 110045501523

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016045673
Registry ID:	110045501523
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045501523

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

20	IMMANUEL LUTHERAN CHURCH HWY N & PERRY CATE BLVD WENTZVILLE, MO 63385	FINDS ECHO	1011928589 N/A
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FINDS:

Registry ID: 110037502823

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1011928589
 Registry ID: 110037502823
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110037502823>

21	QUIKTRIP #669 8334 HWY N LAKE ST LOUIS, MO 63367	UST	U004141115 N/A
-----------	-----------------------------------------------------------------	------------	---------------------------

UST:

Facility ID: ST0021737
 Region: SL
 Easting: 692398
 Northing: 4292734
 Owner Of Geospatial Data: Hazardous Waste Program
 Geospatial Data Collected By: CON_Fortin,Joel
 Date GIS Data Collected: 04/15/2014
 Lat/Long: Not reported
 Lat/Long (dms): Not reported

Tanks:

Owner:

Owner ID: OW00306
 Owner Name: QUIKTRIP CORPORATION
 Owner Address: PO BOX 3475
 Owner City,St,Zip: TULSA, OK 74134
 Owner County Code: Not reported
 Owner Phone: 6157700
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIKTRIP #669 (Continued)

U004141115

Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2017-12-08 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 1
 Tank Double Wall: -1
 Tank Type: Below Ground
Tank Status: Curenly in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 07/20/2009
 Tank Material: Fiberglass
 Code for Tank Material Manufacturer: 6
 Code for Tank Installer: 12
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Not reported
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: Not reported
 Date Tank Permanently Closed/ Removed: Not reported
 Dt Tk Exp Brought InUse/Internal Tracking: Not reported
 Tank Fees Waived: Not reported
 Expedite Closure On Tank?: Not reported
 Responsible Person Expediting Closure: Not reported
 Temporary Status Verified Date: Not reported
 Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 06/05/2009
 Date Record Edited: 07/24/2014
 Person Adding/Editing Record: SESSLER, D
 Date Of NFA Letter: Not reported
 Is Tank Used For Emergency Generator: Not reported
 Date Closure Notice Received: Not reported
 Date Of Approval Letter: Not reported
 Firm Closing Tank: Not reported
 Date Closure Report Received: Not reported
 Registration End Date: 2019-09-30 00:00:00
 LockOut Flag: No
 Comments: Not reported

Not reported

Tank Compartment:

Tanks Use: False
 Compartment No: 1
 Tank Compartment PK: 40983
 Tank PK: 40468
 Case Number: Not reported
 Compartment Status: Curenly in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 20000
 Substance: R
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIKTRIP #669 (Continued)

U004141115

Pipe Installation Date: 2009-08-07 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: -1
 Spill Protection: True

Owner:

Owner ID: OW00306
 Owner Name: QUIKTRIP CORPORATION
 Owner Address: PO BOX 3475
 Owner City,St,Zip: TULSA, OK 74134
 Owner County Code: Not reported
 Owner Phone: 6157700
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2017-12-08 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 2
 Tank Double Wall: -1
 Tank Type: Below Ground
Tank Status: Currenly in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 07/20/2009
 Tank Material: Fiberglass
 Code for Tank Material Manufacturer: 6
 Code for Tank Installer: 12
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Not reported
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: Not reported
 Date Tank Permanently Closed/ Removed: Not reported
 Dt Tk Exp Brought InUse/Internal Tracking: Not reported
 Tank Fees Waived: Not reported
 Expedite Closure On Tank?: Not reported
 Responsible Person Expediting Closure: Not reported
 Temporary Status Verified Date: Not reported
 Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 06/05/2009
 Date Record Edited: 07/24/2014
 Person Adding/Editing Record: SESSLER, D
 Date Of NFA Letter: Not reported
 Is Tank Used For Emergency Generator: Not reported
 Date Closure Notice Received: Not reported
 Date Of Approval Letter: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIKTRIP #669 (Continued)

U004141115

Firm Closing Tank: Not reported
 Date Closure Report Received: Not reported
 Registration End Date: 2019-09-30 00:00:00
 LockOut Flag: No
 Comments: Not reported

Tank Compartment:
 Tanks Use: False
 Compartment No: 1
 Tank Compartment PK: 40984
 Tank PK: 40469
 Case Number: Not reported
 Compartment Status: Curently in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 20000
 Substance: R
 Substance Other: Not reported
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: Not reported
 Pipe Installation Date: 2009-08-07 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: -1
 Spill Protection: True

Owner:
 Owner ID: OW00306
 Owner Name: QUIKTRIP CORPORATION
 Owner Address: PO BOX 3475
 Owner City,St,Zip: TULSA, OK 74134
 Owner County Code: Not reported
 Owner Phone: 6157700
 Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2017-12-08 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 3
 Tank Double Wall: -1
 Tank Type: Below Ground
Tank Status: Curently in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 07/20/2009
 Tank Material: Fiberglass
 Code for Tank Material Manufacturer: 6
 Code for Tank Installer: 12
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIKTRIP #669 (Continued)

U004141115

Tank Internal Protection Date:	Not reported	
Tank External Protection:	Not reported	
Other Type Tank Extrn Protec:	Not reported	
Tank External Protec Date:	Not reported	
Date Tank Last Used:	Not reported	
Date Tank Permanently Closed/ Removed:	Not reported	
Dt Tk Exp Brought InUse/Internal Tracking:		Not reported
Tank Fees Waived:	Not reported	
Expedite Closure On Tank?:	Not reported	
Responsible Person Expediting Closure:	Not reported	
Temporary Status Verified Date:	Not reported	
Admin Fee 585:	Not reported	
Date Administratively Closed:	Not reported	
Date Record Added:	06/05/2009	
Date Record Edited:	07/24/2014	
Person Adding/Editing Record:	SESSLER, D	
Date Of NFA Letter:	Not reported	
Is Tank Used For Emergency Generator:	Not reported	
Date Closure Notice Received:	Not reported	
Date Of Approval Letter:	Not reported	
Firm Closing Tank:	Not reported	
Date Closure Report Received:	Not reported	
Registration End Date:	2019-09-30 00:00:00	
LockOut Flag:	No	
Comments:	Not reported	

Tank Compartment:

Tanks Use:	False
Compartment No:	1
Tank Compartment PK:	40985
Tank PK:	40470
Case Number:	Not reported
Compartment Status:	Curently in use
Compartment Temp Verified Dt:	Not reported
Capacity:	12000
Substance:	P
Substance Other:	Not reported
Hazardous Substance:	Not reported
Mixture:	False
Date of Last Use:	Not reported
Pipe Installation Date:	2009-08-07 00:00:00
Pipe System:	1
Pipe Material:	2
Pipe Material Other:	Not reported
Pipe Protection:	Not reported
Pipe Protection Date:	Not reported
Pipe Double Wall:	-1
Spill Protection:	True

Owner:

Owner ID:	OW00306
Owner Name:	QUIKTRIP CORPORATION
Owner Address:	PO BOX 3475
Owner City,St,Zip:	TULSA, OK 74134
Owner County Code:	Not reported
Owner Phone:	6157700

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIKTRIP #669 (Continued)

U004141115

Mail Was Not Deliverable: No
 Is Owner Active?: Yes
 Date Registration Received: Not reported
 Date Record Added: 1995-06-30 00:00:00
 Date Record Edited: 2017-12-08 00:00:00
 Name of Person Editing Record: BERVE, TRISHA

Tank ID: 4
 Tank Double Wall: -1
 Tank Type: Below Ground
Tank Status: Curently in use
 Meet 98 Update Requirements: Not reported
 Date Tank Installed: 01/19/2016
 Tank Material: Fiberglass
 Code for Tank Material Manufacturer: 6
 Code for Tank Installer: 12
 Other Type Of Tank Material: Not reported
 Tank Internal Protection: Not reported
 Other Tank Internal Protection: Not reported
 Tank Internal Protection Date: Not reported
 Tank External Protection: Not reported
 Other Type Tank Extrn Protec: Not reported
 Tank External Protec Date: Not reported
 Date Tank Last Used: Not reported
 Date Tank Permanently Closed/ Removed: Not reported
 Dt Tk Exp Brought InUse/Internal Tracking: 01/01/2016
 Tank Fees Waived: Not reported
 Expedite Closure On Tank?: Not reported
 Responsible Person Expediting Closure: Not reported
 Temporary Status Verified Date: Not reported
 Admin Fee 585: Not reported
 Date Administratively Closed: Not reported
 Date Record Added: 10/02/2015
 Date Record Edited: 03/16/2016
 Person Adding/Editing Record: BERVE, TRISHA
 Date Of NFA Letter: Not reported
 Is Tank Used For Emergency Generator: Not reported
 Date Closure Notice Received: Not reported
 Date Of Approval Letter: Not reported
 Firm Closing Tank: Not reported
 Date Closure Report Received: Not reported
 Registration End Date: 2021-09-30 00:00:00
 LockOut Flag: No
 Comments: Not reported

Tank Compartment:
 Tanks Use: False
 Compartment No: 1
 Tank Compartment PK: 43046
 Tank PK: 41993
 Case Number: Not reported
 Compartment Status: Curently in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 12000
 Substance: Diesel
 Substance Other: Not reported
 Hazardous Substance: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

QUIKTRIP #669 (Continued)

U004141115

Mixture: False
 Date of Last Use: Not reported
 Pipe Installation Date: 2016-02-18 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: -1
 Spill Protection: True

Tanks Use: False
 Compartment No: 2
 Tank Compartment PK: 43047
 Tank PK: 41993
 Case Number: Not reported
 Compartment Status: Curently in use
 Compartment Temp Verified Dt: Not reported
 Capacity: 10000
 Substance: Other
 Substance Other: WATER
 Hazardous Substance: Not reported
 Mixture: False
 Date of Last Use: Not reported
 Pipe Installation Date: 2016-02-18 00:00:00
 Pipe System: 1
 Pipe Material: 2
 Pipe Material Other: Not reported
 Pipe Protection: Not reported
 Pipe Protection Date: Not reported
 Pipe Double Wall: -1
 Spill Protection: True

Tank Aug 2011:

Facility Id: ST0021737
 Tank Id: 3
 Site Usage: Not reported
 Risk Type: Not reported
 Soil Type: Not reported
 GW Flow: Not reported
 Offsite Impact: Not reported
 Free Product: Not reported
 Drinking Water: Not reported
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No
 Surface Cap: No
 No Excavation: No

Facility Id: ST0021737
 Tank Id: 1
 Site Usage: Not reported
 Risk Type: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

QUIKTRIP #669 (Continued)

U004141115

Soil Type: Not reported
 GW Flow: Not reported
 Offsite Impact: Not reported
 Free Product: Not reported
 Drinking Water: Not reported
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No
 Surface Cap: No
 No Excavation: No

Facility Id: ST0021737
 Tank Id: 2
 Site Usage: Not reported
 Risk Type: Not reported
 Soil Type: Not reported
 GW Flow: Not reported
 Offsite Impact: Not reported
 Free Product: Not reported
 Drinking Water: Not reported
 Closed Under: Not reported
 No Drinking Wells: No
 No Buildings: No
 Vapor Barrier: 0
 St Louis Mo: No
 Special Well Area: No
 Surface Cap: No
 No Excavation: No

21

QUIK TRIP #669
8334 HWY N
LAKE ST LOUIS, MO 63367

AST A100361739
N/A

AST:
 Facility ID: 8500
 Facility Telephone Number: 636-561-1014
 Products Count: 52
 Cabinets Count: 8
 Total number of meters: 32
 AST Count: 0
 UST Count: 3
 Product Count: 87;89;93;2-D;
 Prof Cat: KCA;STA;
 Facility Status: Active
 Latitude: Not reported
 Longitude: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

22	SPORTS BARN 1047 E. HWY. N WENTZVILLE, MO 63385	ECHO	1018111152 N/A
-----------	----------------------------------------------------------------------------	-------------	---------------------------------

ECHO:

Envid:	1018111152
Registry ID:	110064421870
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064421870

22	SPORTS BARN 1047 E. HWY. N WENTZVILLE, MO 63385	NPDES	S117978571 N/A
-----------	----------------------------------------------------------------------------	--------------	---------------------------------

NPDES:

Permit Number:	MORA06597
Permit Status:	Effective
SIC:	1629
SIC Description:	HEAVY CONSTRUCTION
Issue Date:	05/05/2015
Effective Date:	05/05/2015
Category Description:	Not reported
Treatment Type Description:	Storm Water
Facility Telephone:	6364871123
Owner Name:	STADICK LLC
Owner Address:	308 TCW CT.
Owner Address 2:	Not reported
Owner City:	LAKE SAINT LOUIS
Owner State:	MO
Owner Zip:	63367
Permit Type 100:	Not reported
Major 10:	Not reported
Region 10:	Not reported
Issuing Authority 10:	Not reported
Permit Action 100:	Not reported
Date Notification 25:	Not reported
Region Decode:	Not reported
Iss Auth Decode:	Not reported

22	SPORTS BARN 1047 E. HWY. N WENTZVILLE, MO 63385	FINDS	1017815199 N/A
-----------	----------------------------------------------------------------------------	--------------	---------------------------------

FINDS:

Registry ID:	110064421870
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Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

SPORTS BARN (Continued)

1017815199

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

22	STRENGTH AND CONDITIONING	FINDS	1024088377
	1033 E. HWY. N	ECHO	N/A
	WENTZVILLE, MO 63385		

FINDS:

Registry ID: 110070203321

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024088377
 Registry ID: 110070203321
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070203321>

22	STRENGTH AND CONDITIONING	NPDES	S121723497
	1033 E. HWY. N		N/A
	WENTZVILLE, MO 63385		

NPDES:

Permit Number: MORA11797
 Permit Status: Effective
 SIC: 1629
 SIC Description: HEAVY CONSTRUCTION
 Issue Date: 02/14/2018
 Effective Date: 02/14/2018
 Category Description: Not reported
 Treatment Type Description: Storm Water
 Facility Telephone: 6364871123
 Owner Name: STADICK LLC
 Owner Address: 308 TCW CT.
 Owner Address 2: Not reported
 Owner City: LAKE SAINT LOUIS
 Owner State: MO
 Owner Zip: 63367
 Permit Type 100: Not reported
 Major 10: Not reported
 Region 10: Not reported
 Issuing Authority 10: Not reported
 Permit Action 100: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

STRENGTH AND CONDITIONING (Continued)

S121723497

Date Notification 25: Not reported
 Region Decode: Not reported
 Iss Auth Decode: Not reported

23

**WIDOWSKI MARK
 836 EAST HWY N
 WENTZVILLE, MI 63385**

**UIC S121444546
 N/A**

UIC:

Facility Status: Abandoned
 Permit Yes/No: Not reported
 Permit Number: MOS018350122
 Lat Decimal: 38.76364
 Long Decimal: -90.83377
 Long Dir: Not reported
 Lease Name: Not reported
 Well Status: Not reported
 Company2: Widowski, Mark
 Owner Yes/No: Not reported
 Owner address: 836 East Hwy N
 Owner City/State/Zip: Wentzville, Mi 63385
 Owner Phone#: Not reported
 Class: Not reported
 Fluid INJ: Not reported
 Township: 46
 Range: 2
 First Quarter Section: Not reported
 Second Quarter Section: Not reported
 Third Quarter Section: Not reported
 Fourth Quarter Section: Not reported
 Fifth Quarter Section: Not reported
 Last Update: Not reported
 Location Type: Not reported
 Source Info: Not reported
 Date of Last Inspection: Not reported
 Date of Last Collection: Not reported
 Inspector: Not reported
 Sample: Not reported
 Date of Sample: Not reported
 Sample Remark: Not reported
 Range Dir: East
 Survey Location 1: Not reported
 Survey Location 2: Not reported
 Well No: Not reported
 Spud Date: Not reported
 Actual Total Depth: Not reported
 Comment: Not reported
 API Number: Not reported
 Well Type Date: 01/01/1993
 Status Date: 06/20/2018
 Date Permit Issued: Not reported
 Land Grant: Not reported
 Maximum Injection Pressure (psi): Not reported
 Elevation: Not reported
 Top Perforation Depth: Not reported
 Bottom Perforation Depth: Not reported
 SPL Log: Not reported
 Date of First Production: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WIDOWSKI MARK (Continued)

S121444546

Hours Tested:	Not reported
Oil Produced During Test:	Not reported
Oil Gravity:	Not reported
Gas Produced During Test:	Not reported
Water Produced During Test:	Not reported

**24 COUNTRYSHIRE - PHASE II
 HWY N @ SOMMERS RD
 O'FALLON, MO 63366**

**FINDS 1010380217
 ECHO N/A**

FINDS:

Registry ID: 110031105328

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1010380217
Registry ID:	110031105328
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110031105328

**24 COUNTRYSHIRE PLAT 10
 HWY N @ SOMMERS RD
 O'FALLON, MO 63366**

**FINDS 1010177302
 N/A**

FINDS:

Registry ID: 110030450134

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

24	THE ENCLAVES AT SOMMERS P HWY N @ SOMMERS RD LAKE ST. LOUIS, MO 63367	FINDS	1011929348
		ECHO	N/A

FINDS:

Registry ID: 110037509014

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1011929348
 Registry ID: 110037509014
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110037509014>

24	QT #669 HWY N & SOMMERS RD LAKE ST. LOUIS, MO 63367	FINDS	1014765788
		ECHO	N/A

FINDS:

Registry ID: 110042778465

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

25	EAST HIGHWAY N EAST HIGHWAY N WENTZVILLE, MO 63385	FINDS ECHO	1024606007 N/A
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FINDS:

Registry ID: 110070393409

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024606007
 Registry ID: 110070393409
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070393409>

26	1140 EAST ROUTE N WENTZVILLE, MO	SPILLS CDL	S106490856 N/A
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MO SPILLS:

Facility ID: 0404161504GEV
 Regional Office: SLRO
 Spill Number: 0404161504GEV
 Date Reported: 04/16/2004
 Call Date/time: 15:04:00
 Lat/Long: 38.6715011 -90.537246
 UTM Zone For GPS: 15
 Discovery Date: 03/20/2004
 Email: False
 Is This A Continuous Release To Be Monitered?: False

CDL:

Facility ID: 0404161504GEV
 Spill Number: 0404161504GEV
 Chemical Name: Drug Lab Materials
 Quantity: 13

26	HOPEWELL MISSIONARY BAPTIST CHURCH OF WENTZVILLE M 1140 E HWY N WENTZVILLE, MI 63385	UIC	S121444606 N/A
-----------	-----------------------------------------------------------------------------------------------------	------------	---------------------------

UIC:

Facility Status: Active Well
 Permit Yes/No: Not reported
 Permit Number: MOS018350182
 Lat Decimal: 38.76205
 Long Decimal: -90.82431

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

HOPEWELL MISSIONARY BAPTIST CHURCH OF WENTZVILLE MO INC (Continued)

S121444606

Long Dir:	Not reported
Lease Name:	Not reported
Well Status:	Not reported
Company2:	HOPEWELL MISSIONARY BAPTIST CHURCH OF WENTZVILLE MO INC
Owner Yes/No:	Not reported
Owner address:	1140 E HWY N
Owner City/State/Zip:	WENTZVILLE, Mi 63385
Owner Phone#:	Not reported
Class:	Not reported
Fluid INJ:	Not reported
Township:	46
Range:	2
First Quarter Section:	Not reported
Second Quarter Section:	Not reported
Third Quarter Section:	Not reported
Fourth Quarter Section:	Not reported
Fifth Quarter Section:	Not reported
Last Update:	Not reported
Location Type:	Not reported
Source Info:	Not reported
Date of Last Inspection:	Not reported
Date of Last Collection:	Not reported
Inspector:	Not reported
Sample:	Not reported
Date of Sample:	Not reported
Sample Remark:	Not reported
Range Dir:	East
Survey Location 1:	Not reported
Survey Location 2:	Not reported
Well No:	Not reported
Spud Date:	Not reported
Actual Total Depth:	Not reported
Comment:	Not reported
API Number:	Not reported
Well Type Date:	01/01/1995
Status Date:	01/01/1995
Date Permit Issued:	Not reported
Land Grant:	Not reported
Maximum Injection Pressure (psi):	Not reported
Elevation:	Not reported
Top Perforation Depth:	Not reported
Bottom Perforation Depth:	Not reported
SPL Log:	Not reported
Date of First Production:	Not reported
Hours Tested:	Not reported
Oil Produced During Test:	Not reported
Oil Gravity:	Not reported
Gas Produced During Test:	Not reported
Water Produced During Test:	Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

27	QUIKTRIP CORPORATION 8334 HIGHWAY N LAKE SAINT LOUIS, MO 63367	EDR Hist Auto	1020383041 N/A
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EDR Hist Auto

Year:	Name:	Type:	
2011	QUIKTRIP CORPORATION	Gasoline Service Stations, NEC	
2012	QUIKTRIP CORPORATION	Gasoline Service Stations, NEC	
2013	QUIKTRIP CORPORATION	Gasoline Service Stations, NEC	
2014	QUIKTRIP CORPORATION	Gasoline Service Stations, NEC	

28	JABOB, LLC. RIDGEWAY AVE N & HWY N LAKE ST. LOUIS, MO 63367	FINDS	1007132947 N/A
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FINDS:

Registry ID: 110015806662

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

28	HAWK RIDGE VILLAGE - LOT HWY N AND RIDGEWAY DRIVE LAKE ST. LOUIS, MO 63366	FINDS	1014745401 N/A
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FINDS:

Registry ID: 110042532195

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

29 **BUCK TRACT** **RCRA NonGen / NLR** **1008404237**
8552 HWY N **FINDS** **MOP000514398**
LAKE ST LOUIS, MO 63367 **ECHO**

RCRA NonGen / NLR:

Date form received by agency: 04/14/2016
 Facility name: BUCK TRACT
 Facility address: 8552 HWY N
 LAKE ST LOUIS, MO 63367-4049
 EPA ID: MOP000514398
 Mailing address: 5091 NEW BAUMGARTNER RD
 ST LOUIS, MO 63129
 Contact: MICHAEL FALKNER
 Contact address: 5091 NEW BAUMGARTNER RD
 ST LOUIS, MO 63129
 Contact country: US
 Contact telephone: 314-487-6717
 Contact email: Not reported
 EPA Region: 07
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CMB RHODES LLC
 Owner/operator address: 5091 NEW BAUMGARTNER RD
 ST LOUIS, MO 63129
 Owner/operator country: US
 Owner/operator telephone: 314-487-6717
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 09/27/2005
 Owner/Op end date: Not reported

Owner/operator name: CMB RHODES LLC
 Owner/operator address: 5092 NEW BAUMGARTNER RD
 ST LOUIS, MO 63129
 Owner/operator country: US
 Owner/operator telephone: 314-487-6717
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 09/27/2005
 Owner/Op end date: Not reported

Owner/operator name: CMB RHODES LLC
 Owner/operator address: 5091 NEW BAUMGARTNER RD
 ST LOUIS, MO 63129
 Owner/operator country: US
 Owner/operator telephone: 314-487-6717
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BUCK TRACT (Continued)

1008404237

Owner/Op start date: 09/27/2005
 Owner/Op end date: Not reported

Owner/operator name: CMB RHODES LLC
 Owner/operator address: 5092 NEW BAUMGARTNER RD
 ST LOUIS, MO 63129

Owner/operator country: US
 Owner/operator telephone: 314-487-6717
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 09/27/2005
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 04/18/2011
 Site name: BUCK TRACT
 Classification: Not a generator, verified

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Date form received by agency: 02/16/2007
 Site name: BUCK TRACT
 Classification: Not a generator, verified

Date form received by agency: 09/27/2005
 Site name: BUCK TRACT
 Classification: Small Quantity Generator

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110022922658

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

BUCK TRACT (Continued)

1008404237

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1008404237
 Registry ID: 110022922658
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110022922658>

**30 AMERICA S EXPOSITION CENT
 FREYMUTH AND HWY N
 O FALLON, MO 63366**

**FINDS 1014756943
 N/A**

FINDS:

Registry ID: 110042460306

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**31 CUIVRE RIVER ELECTRIC COO
 HWY N AND STAG INDUSTRIAL B
 LAKE ST. LOUIS, MO 63367**

**FINDS 1009439255
 N/A**

FINDS:

Registry ID: 110024584341

Environmental Interest/Information System

The MO-DNR (Missouri Department of Natural Resources) program involves a Resource Assessment and Monitoring Program, biological criteria development, monitoring of targeted sites to determine compliance with the designated use of aquatic life protection in the standards, monitoring for 303(3) purposes, and the development of a stream classification framework.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

CUIVRE RIVER ELECTRIC COO (Continued)

1009439255

discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

31

**BOBS DARDENNE STANDARD SERVICE
 8004 HWY N
 OFALLON, MI 63366**

**UIC S122510616
 N/A**

UIC:

Facility Status:	Abandoned
Permit Yes/No:	Not reported
Permit Number:	MOS018350091
Lat Decimal:	38.76136
Long Decimal:	-90.80155
Long Dir:	Not reported
Lease Name:	Not reported
Well Status:	Not reported
Company2:	Mobil Oil Corporation (Exxon Mobil)
Owner Yes/No:	Not reported
Owner address:	5959 Las Colinas Blvd.
Owner City/State/Zip:	Irving, Te 75039
Owner Phone#:	Not reported
Class:	Not reported
Fluid INJ:	Not reported
Township:	46
Range:	2
First Quarter Section:	Not reported
Second Quarter Section:	Not reported
Third Quarter Section:	Not reported
Fourth Quarter Section:	Not reported
Fifth Quarter Section:	Not reported
Last Update:	Not reported
Location Type:	Not reported
Source Info:	Not reported
Date of Last Inspection:	Not reported
Date of Last Collection:	Not reported
Inspector:	Not reported
Sample:	Not reported
Date of Sample:	Not reported
Sample Remark:	Not reported
Range Dir:	East
Survey Location 1:	Not reported
Survey Location 2:	Not reported
Well No:	Not reported
Spud Date:	Not reported
Actual Total Depth:	Not reported
Comment:	Not reported
API Number:	Not reported
Well Type Date:	07/01/1993
Status Date:	07/01/1993
Date Permit Issued:	Not reported
Land Grant:	Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

BOBS DARDENNE STANDARD SERVICE (Continued)

S122510616

Maximum Injection Pressure (psi):	Not reported
Elevation:	Not reported
Top Perforation Depth:	Not reported
Bottom Perforation Depth:	Not reported
SPL Log:	Not reported
Date of First Production:	Not reported
Hours Tested:	Not reported
Oil Produced During Test:	Not reported
Oil Gravity:	Not reported
Gas Produced During Test:	Not reported
Water Produced During Test:	Not reported

**32 ST. CHARLES COUNTY AMBULANCE BASE 13
2304 HOPEWELL ROAD
WENTZVILLE, MO 63385**

**FINDS 1018120738
ECHO N/A**

FINDS:

Registry ID: 110064579344

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018120738
Registry ID:	110064579344
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064579344

**32 ST. CHARLES COUNTY AMBULANCE BASE 13
2304 HOPEWELL ROAD
WENTZVILLE, MO 63385**

**NPDES S118670644
N/A**

NPDES:

Permit Number:	MORA06893
Permit Status:	Effective
SIC:	1629
SIC Description:	HEAVY CONSTRUCTION
Issue Date:	07/14/2015
Effective Date:	07/14/2015
Category Description:	Not reported
Treatment Type Description:	Storm Water
Facility Telephone:	Not reported
Owner Name:	ST. CHARLES COUNTY AMBULANCE DISTRICT
Owner Address:	4169 OLD MILL PARKWAY
Owner Address 2:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

ST. CHARLES COUNTY AMBULANCE BASE 13 (Continued)

S118670644

Owner City: ST. PETERS
 Owner State: MO
 Owner Zip: 63376
 Permit Type 100: General Permit Covered Facility
 Major 10: No
 Region 10: SLR
 Issuing Authority 10: EPMT
 Permit Action 100: New
 Date Notification 25: Not reported
 Region Decode: ST. LOUIS
 Iss Auth Decode: Not reported

32

**2300 HOPEWELL
 WENTZVILLE, MO**

**SPILLS S111683652
 CDL N/A**

MO SPILLS:
 Facility ID: 1201191116BWH
 Regional Office: SLRO
 Spill Number: 1201191116BWH
 Date Reported: 01/19/2012
 Call Date/time: 11:16:00
 Lat/Long: 38.9718589 -90.962966
 UTM Zone For GPS: 15
 Discovery Date: 01/19/2012
 Email: False
 Is This A Continuous Release To Be Monitered?: False

CDL:
 Facility ID: 1201191116BWH
 Spill Number: 1201191116BWH
 Chemical Name: Drug Lab Materials
 Quantity: Not reported

33

**WYNDEMERE ESTATES PHASE 3C
 8927 HIGHWAY N
 LAKE SAINT LOUIS, MO 63367**

**NPDES S118670116
 N/A**

NPDES:
 Permit Number: MOGC00098
 Permit Status: Expired
 SIC: 4952
 SIC Description: SEWERAGE SYSTEMS
 Issue Date: 03/17/2016
 Effective Date: 03/17/2016
 Category Description: Not reported
 Treatment Type Description: Not reported
 Facility Telephone: Not reported
 Owner Name: ARTISAN RESIDENTIAL SERVICES LLC
 Owner Address: 114 LEX INDUSTRIAL DRIVE
 Owner Address 2: Not reported
 Owner City: LEXINGTON
 Owner State: OH
 Owner Zip: 44904
 Permit Type 100: General Permit Covered Facility - Construction
 Major 10: No
 Region 10: SLR
 Issuing Authority 10: CO

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

WYNDEMERE ESTATES PHASE 3C (Continued)

S118670116

Permit Action 100: New
 Date Notification 25: Not reported
 Region Decode: ST. LOUIS
 Iss Auth Decode: Not reported

33

**WYNDEMERE ESTATES PHASE 3A
 8927 HIGHWAY N
 LAKE SAINT LOUIS, MO 63367**

**NPDES S118670660
 N/A**

NPDES:

Permit Number: MORA06924
 Permit Status: Effective
 SIC: 1629
 SIC Description: HEAVY CONSTRUCTION
 Issue Date: 07/20/2015
 Effective Date: 07/20/2015
 Category Description: Not reported
 Treatment Type Description: Storm Water
 Facility Telephone: Not reported
 Owner Name: WYNDEMERE ESTATES PHASE 3A
 Owner Address: 8927 HIGHWAY N
 Owner Address 2: Not reported
 Owner City: LAKE SAINT LOUIS
 Owner State: MO
 Owner Zip: 63367
 Permit Type 100: General Permit Covered Facility
 Major 10: No
 Region 10: SLR
 Issuing Authority 10: EPMT
 Permit Action 100: New
 Date Notification 25: Not reported
 Region Decode: ST. LOUIS
 Iss Auth Decode: Not reported

33

**WYNDEMERE ESTATES PHASE 3A
 8927 HIGHWAY N
 LAKE SAINT LOUIS, MO 63367**

**FINDS 1018120764
 ECHO N/A**

FINDS:

Registry ID: 110064579656

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

WYNDEMERE ESTATES PHASE 3A (Continued)

1018120764

ECHO:

Envid:	1018120764
Registry ID:	110064579656
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064579656

33

**WYNDEMERE ESTATES PHASE 3A
8927 HIGHWAY N
LAKE SAINT LOUIS, MO 63367**

**NPDES S118669642
N/A**

NPDES:

Permit Number:	MORA09992
Permit Status:	Effective
SIC:	1629
SIC Description:	HEAVY CONSTRUCTION
Issue Date:	03/12/2017
Effective Date:	03/12/2017
Category Description:	Not reported
Treatment Type Description:	Storm Water
Facility Telephone:	Not reported
Owner Name:	WYNDEMERE ESTATES PHASE 3A
Owner Address:	8927 HIGHWAY N
Owner Address 2:	Not reported
Owner City:	LAKE SAINT LOUIS
Owner State:	MO
Owner Zip:	63367
Permit Type 100:	Not reported
Major 10:	Not reported
Region 10:	Not reported
Issuing Authority 10:	Not reported
Permit Action 100:	Not reported
Date Notification 25:	Not reported
Region Decode:	Not reported
Iss Auth Decode:	Not reported

Permit Number:	CPSE00978
Permit Status:	Expired
SIC:	1629
SIC Description:	HEAVY CONSTRUCTION
Issue Date:	10/20/2014
Effective Date:	10/20/2014
Category Description:	Not reported
Treatment Type Description:	Not reported
Facility Telephone:	Not reported
Owner Name:	WYNDEMERE ESTATES PHASE 3A
Owner Address:	8927 HIGHWAY N
Owner Address 2:	Not reported
Owner City:	LAKE SAINT LOUIS
Owner State:	MO
Owner Zip:	63367
Permit Type 100:	Not reported
Major 10:	Not reported
Region 10:	Not reported
Issuing Authority 10:	Not reported
Permit Action 100:	Not reported
Date Notification 25:	Not reported
Region Decode:	Not reported
Iss Auth Decode:	Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

33	WYNDEMERE ESTATES PHASE 3B 8927 HIGHWAY N LAKE SAINT LOUIS, MO 63367	NPDES	S118670060 N/A
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NPDES:

Permit Number:	MOGC00021
Permit Status:	Expired
SIC:	4952
SIC Description:	SEWERAGE SYSTEMS
Issue Date:	07/17/2015
Effective Date:	07/17/2015
Category Description:	Not reported
Treatment Type Description:	Not reported
Facility Telephone:	Not reported
Owner Name:	ARTISAN RESIDENTIAL SERVICES LLC
Owner Address:	114 LEX-INDUSTRIAL DRIVE
Owner Address 2:	Not reported
Owner City:	LEXINGTON
Owner State:	OH
Owner Zip:	44904
Permit Type 100:	General Permit Covered Facility - Construction
Major 10:	No
Region 10:	SLR
Issuing Authority 10:	CO
Permit Action 100:	New
Date Notification 25:	Not reported
Region Decode:	ST. LOUIS
Iss Auth Decode:	Not reported

34	WYNDGATE-SUMMIT POINTE 8860 HIGHWAY N O'FALLON, MO 63366	VCP SMARS	S114556726 N/A
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VCP:

Northing:	4292340.4965
Easting:	690383.47789
Facility Status:	Cert. of Completion Issued
Activity Use:	Not reported
Manager:	Rob Murphy
Cert. of completion issued:	11/30/2004
Application Received:	1/5/2004
State Funded:	Not reported
Federal Funded:	Not reported
Acreage:	405
Operable Unit:	Wyndgate-Summit Pointe
Site Description:	This 405 acre parcel of land used to belong to the Pond Fort Kennel & Farm. It had been used as a trap/skeet shooting range. A Phase II Investigation found lead shot throughout the former shooting area. It also had a kennel area for bird dog training and a 100 gallon aboveground storage tank (AST) for gasoline was found. Trash dumps have also been noted on the property. A limited Phase II Investigation found lead in the top six inches of soil. A housing development was planned for the property.
Contaminant:	Lead

SMARS:

SM Number:	11149
CERCLIS:	Not reported
Ownership:	VCP

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WYNDGATE-SUMMIT POINTE (Continued)

S114556726

Superfund Ownership:	No
Voluntary Cleanup Ownership:	Yes
Federal Facilities Ownership:	No
Permits Ownership:	No
NPL Date:	Not reported
Tank Site Identification #:	Not reported
Tank Remediation #:	Not reported
Registry:	No
Site Code:	Not reported
Other Site Code:	Not reported

Count: 13 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CAPPELIN	U000754372	CAPPELN	RT T	63348	UST
FORISTELL	1016288368	T & N, INC.	BOX 240	63348	FINDS
FORISTELL	A100444799	MARLEN GAS CO.	PO BOX 7 SOUTH SERVICE RD	63348	AST
FORISTELL	U004121122	FASTLANE #41	21750 VETERANS MEMORIAL PARKWAY	63348	UST
FORISTELL	1018157939	PILOT TRAVEL CENTERS LLC STORE # 715 MR FUEL	11 HWY W	63348	RCRA-SQG, FINDS, ECHO
NEW MELLE	A100444386	DOERING HARDWARE	4600 A HWY Z	63385	AST
O FALLON	U004107174	PROGRESS WEST HEALTHCARE CENTER	#2 PROGRESS POINT PARKWAY	63368	UST
O'FALLON	S121264219	A.S.A.P. WASTE	BRECKENRIDGE CIRCLE	63368	SWRCY
WENTZVILLE	1016198297	619 Z & N MOBIL MART	NO 42 W HWY N	63385	FINDS, ECHO
WENTZVILLE	U003980727	COLLINS PROPERTY	2540 HWY 61	63385	LUST, UST
WENTZVILLE	1008882624	JACOBSON WAREHOUSE COMPANY DBA XPO LOGISTICS	1290 INTERSTATE DR	63385	RCRA NonGen / NLR
WENTZVILLE	S123314075	EAST HIGHWAY N	EAST HIGHWAY N	63385	NPDES
WENTZVILLE	U003749879	FORMER SWANTNER PROPERTY	1620 S SERVICE RD	63385	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 913-551-7003
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 913-551-7003
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 913-551-7003
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 913-551-7003
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 02/04/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 28

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/11/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/19/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 703-416-0223
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 02/22/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/22/2019
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: No Update Planned

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 03/01/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 02/27/2019	Telephone: 303-231-5959
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/27/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/01/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/20/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 03/22/2019
Number of Days to Update: 198	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2019	Telephone: 202-343-9775
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 04/02/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (913) 551-7003
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2019	Telephone: 202-564-8600
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Biennially

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/03/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/01/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/31/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/25/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 03/21/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

STATE AND LOCAL RECORDS

HWS DETAIL: Registry Annual Report

Each site is described in detail in this annual report and includes the following information: a general description of the site; a summary of any significant environmental problems at and near the site; a summary of any serious health problems in the immediate vicinity of the site; the status of any testing, monitoring or remedial actions in progress or recommended by the department.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 03/09/2018
Number of Days to Update: 8

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 02/26/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Annually

SHWS: Registry of Confirmed Abandoned or Uncontrolled Hazardous Waste Disposal Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-751-1990
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

DEL SHWS: Registry Sites Withdrawn or Deleted

A list of sites that were removed from the Registry or for which Registry action was suspended due to cleanup.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-522-3710
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

SWF/LF: Solid Waste Facility List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/15/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Varies

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 21

Source: Department of Natural Resources
Telephone: 573-368-2183
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Semi-Annually

HIST LF: Solid Waste Facility Database List

This database contains detailed information per site. It is no longer maintained by the Department of Natural Resources. For current information on solid waste facilities/landfills see the SWF/LF database.

Date of Government Version: 04/12/2005
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 30

Source: Department of Natural Resources
Telephone: 573-751-5401
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 10/30/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/20/2018
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: 573-526-3944
Last EDR Contact: 02/25/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/06/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 35

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

UST: Petroleum Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/06/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 35

Source: Department of Natural Resources
Telephone: 573-751-0135
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 12/06/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 35

Source: Department of Natural Resources
Telephone: 573-751-6822
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 11/30/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 43

Source: Department of Agriculture
Telephone: 573-751-7062
Last EDR Contact: 02/28/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

SPILLS: Environmental Response Tracking Database

Releases of hazardous substances reported to the department's Environmental Emergency Response (EER) section.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-526-3349
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

AUL: Sites with Controls

Activity and use limitations include both engineering controls and institutional controls.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 03/13/2019
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

VCP: Sites Participating in the Voluntary Cleanup Program
Sites participating in the Voluntary Cleanup Program.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 03/13/2019
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaners in Missouri Listing

A listing of drycleaner facilities that are potentially eligible for reimbursement of department approved cleanup costs under the Drycleaning Environmental Response Trust Fund.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 36

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

Brownfields are sites where redevelopment and reuse is hampered by known or suspected contamination with hazardous substances. While many brownfield sites are minimally contaminated, potential environmental liability can be a problem for owners, operators, prospective buyers and financial institutions. Because of the large number of these sites, their economic impact especially in heavily industrial areas is substantial.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 03/13/2019
Number of Days to Update: 28

Source: Department of Natural Resources
Telephone: 573-526-8913
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

CDL: Environmental Emergency Response System

Incidents reported to the Department of Natural Resources where drug lab materials were involved.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 573-751-3443
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

RRC: Certified Hazardous Waste Resource Recovery Facilities

Facilities that take hazardous waste material, either from on-site or off-site, and make it re-usable.

Date of Government Version: 01/22/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: 573-751-3176
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

NPDES: Permitted Facility Listing

A listing of permitted facilities from the Water Pollution Branch.

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 56

Source: Department of Natural Resources
Telephone: 573-751-7023
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permit Facility Listing

A listing of Air Pollution Control Program permits.

Date of Government Version: 11/21/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/11/2018	Telephone: 573-751-4817
Date Made Active in Reports: 01/17/2019	Last EDR Contact: 03/11/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

The department requires notification of demolitions and abatement projects involving regulated structures at least 10 working days before crews begin a project.

Date of Government Version: 01/04/2019	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/09/2019	Telephone: 573-751-4817
Date Made Active in Reports: 03/13/2019	Last EDR Contact: 04/10/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

SMARS: Site Management and Reporting System

SMARS currently houses information for Superfund, Federal Facility, Brownfields Voluntary Cleanup Program and Missouri's other state response programs.

Date of Government Version: 01/03/2019	Source: Department of Natural Resources
Date Data Arrived at EDR: 01/30/2019	Telephone: 573-751-3043
Date Made Active in Reports: 03/14/2019	Last EDR Contact: 01/30/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Sites

A listing of power plants with coal ash ponds.

Date of Government Version: 01/03/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/01/2018	Telephone: 573-526-1825
Date Made Active in Reports: 03/22/2018	Last EDR Contact: 04/01/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Varies

MINES: Industrial Mineral Mines Database

This data set contains names, locations and additional data for active Industrial Mineral Mines permitted with the Missouri Department of Natural Resources, Division of Environmental Quality, Land Reclamation Program. Industrial Mineral Mines permitted are rock quarries, clay pits, sand and gravel pits, or in-stream sand and gravel operations.

Date of Government Version: 03/15/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/20/2018	Telephone: 573-751-4041
Date Made Active in Reports: 09/05/2018	Last EDR Contact: 04/17/2019
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/11/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/29/2019
Next Scheduled EDR Contact: 05/13/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 05/06/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Missouri.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 02/12/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/30/2019	Telephone: 518-402-8651
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 01/30/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/23/2018	Telephone: 717-783-8990
Date Made Active in Reports: 11/27/2018	Last EDR Contact: 04/15/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017

Date Data Arrived at EDR: 02/23/2018

Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797

Last EDR Contact: 02/19/2019

Next Scheduled EDR Contact: 06/03/2019

Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017

Date Data Arrived at EDR: 06/15/2018

Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/11/2019

Next Scheduled EDR Contact: 06/24/2019

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Licensed Child Care Facilities
Source: Department of Health & Senior Services
Telephone: 573-751-2450

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: National Wetland Inventory of Missouri
Source: Department of Natural Resources
Telephone: 573-751-5110

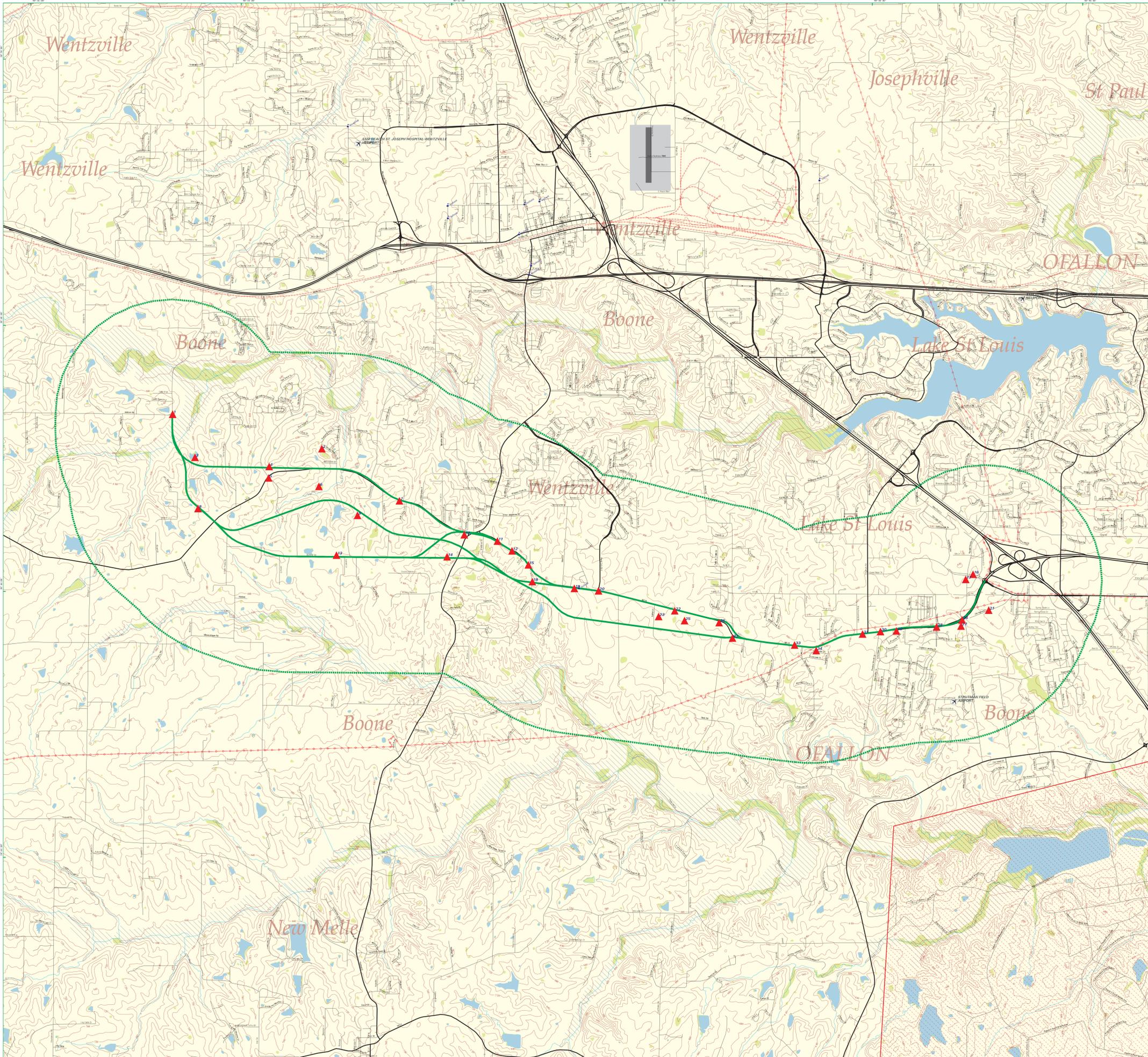
Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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EDR DataMap® Corridor Study

Route N NEPA Study J6S3342



-  Listed Sites
-  Earthquake Epicenters (Richter 5 or greater)
-  Search Boundary
-  Roads
-  Major Roads
-  Waterways
-  Railroads
-  Contour Lines
-  Pipelines
-  Powerlines
-  Fault Lines
-  Water
-  Superfund Sites
-  Federal DOD Sites
-  Indian Reservations BIA
-  100-Yr Flood Zones
-  National Wetland Inventory



Wentzville, MO



Scale in Miles



Route N NEPA Study J6S3342
Wentzville, MO 63385

Inquiry Number: 5630814.5w
April 24, 2019

EDR DataMap™ Well Search Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK VERSION 2.1 SUMMARY

FEDERAL DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>
1	USGS40000696252
5	USGS40000696205
6	USGS40000696193
8	USGS40000696187
13	USGS40000696157
21	USGS40000696122
27	USGS40000696102
32	USGS40000696090
33	USGS40000696084
35	USGS40000696066
37	USGS40000696054
48	USGS40000695952
50	USGS40000695922

STATE WATER WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>
1	MO7000000004015
1	MOLOG1000019721
1	MOLOG1000019720
2	MOLOG1000019641
3	MOLOG1000019629
4	MOLOG1000019627
7	MOLOG1000019608
7	MOLOG1000019601
9	MOLOG1000019582
10	MOLOG1000019563
11	MOLOG1000019557
12	MOLOG1000019523
13	MOLOG1000019520
14	MOLOG1000019516
13	MOLOG1000019515
15	MOLOG1000019514
16	MOLOG1000019506
17	MOLOG1000019488
18	MOLOG1000019484
19	MOLOG1000019478
20	MO7000000001759
22	MOLOG1000019454
24	MOLOG1000019447
25	MO7000000004020
26	MO7000000004228
27	MOLOG1000019415
28	MOLOG1000019408
29	MOLOG1000019409
30	MOLOG1000019403
31	MOLOG1000019400
34	MOLOG1000019394
35	MOLOG1000019383
36	MOLOG1000019370
38	MOLOG1000019366
39	MOLOG1000019365

GEOCHECK VERSION 2.1 SUMMARY

STATE WATER WELL INFORMATION

MAP ID	WELL ID
40	MOLOG1000019361
41	MOLOG1000019357
42	MO7000000000290
43	MOLOG1000019324
44	MOLOG1000019323
45	MOLOG1000019313
46	MOLOG1000019306
47	MOLOG1000019293
48	MOLOG1000019251
49	MOLOG1000019241
51	MOLOG1000019219

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Map ID:	1	
PWS ID:	MO6036022	
PWS Name:	PRAIRIE VIEW ACRES SUBD 2237 LAKESIDE DRIVE WENTZVILLE, MO 63385	
PWS currently has or had major violation(s) or enforcement:		YES
Map ID:	20	
PWS ID:	MO6048257	
PWS Name:	CASTLEGATE ESTATES MHP 225 SOUTH ELM AVE. WEBSTER GROVES, MO 63119	
PWS currently has or had major violation(s) or enforcement:		YES
Map ID:	23	
PWS ID:	MO6024530	
PWS Name:	ST CHARLES CO PWSD #2 #1 WATER DRIVE P.O. BOX 967 O'FALLON, MO 63366	
PWS currently has or had major violation(s) or enforcement:		YES

USGS TOPOGRAPHIC MAP(S)

38090-F7 DEFIANCE, MO
38090-G7 WENTZVILLE, MO
38090-G8 FORISTELL, MO

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 63385

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.050 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1 SUMMARY

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 63367

Number of sites tested: 2

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.700 pCi/L	100%	0%	0%

Federal EPA Radon Zone for ST CHARLES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	1		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T47N R01E 27CCC1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Cambrian-Ordovician aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19630101	Well Depth:	710
Well Depth Units:	ft	Well Hole Depth:	710
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1984-06-21
Feet below surface:	150.3	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

Map ID:	5		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T47N R01E 34CAB1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Mississippian aquifers	Formation Type:	Osagean Series
Aquifer Type:	Confined multiple aquifer	Construction Date:	19570201
Well Depth:	370	Well Depth Units:	ft
Well Hole Depth:	370	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1957-02-01
Feet below surface:	120	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID:	6		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T47N R01E 34CBC1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Cambrian-Ordovician aquifer system		
Formation Type:	Plattin Limestone	Aquifer Type:	Confined single aquifer
Construction Date:	19581001	Well Depth:	510
Well Depth Units:	ft	Well Hole Depth:	510
Well Hole Depth Units:	ft		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Ground water levels,Number of Measurements:	2	Level reading date:	1959-01-01
Feet below surface:	140	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1958-10-01	Feet below surface:	190
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID:	8		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T47N R01E 34CCA1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Mississippian aquifers		
Formation Type:	Keokuk-Burlington Limestones, Undifferentiated		
Aquifer Type:	Confined multiple aquifer	Construction Date:	19580901
Well Depth:	305	Well Depth Units:	ft
Well Hole Depth:	305	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1958-09-01
Feet below surface:	120	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID:	13		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T46N R02E 03BBB1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Cambrian-Ordovician aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590501	Well Depth:	801
Well Depth Units:	ft	Well Hole Depth:	801
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1959-05-01
Feet below surface:	83	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID:	21		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T46N R01E 01BCC1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19780101
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1984-05-11
Feet below surface:	103.3	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID:	27		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T46N R02E 05DAC1	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Mississippian aquifers		
Formation Type:	Keokuk-Burlington Limestones, Undifferentiated		
Aquifer Type:	Not Reported	Construction Date:	19670809
Well Depth:	205	Well Depth Units:	ft
Well Hole Depth:	205	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1984-05-14
Feet below surface:	29.1	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1967-08-09	Feet below surface:	30
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID:	32		
Organization ID:	USGS-MO		
Organization Name:	USGS Missouri Water Science Center		
Monitor Location:	T46N R02E 03DBD	Type:	Well
Description:	Not Reported	HUC:	07110009
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Mississippian aquifers		
Formation Type:	Keokuk-Burlington Limestones, Undifferentiated		
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	103	Well Depth Units:	ft
Well Hole Depth:	103	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1984-05-15
Feet below surface:	59.6	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1941-01-01	Feet below surface:	40
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID: 33
 Organization ID: USGS-MO
 Organization Name: USGS Missouri Water Science Center
 Monitor Location: T46N R02E 02CDD1 Type: Well
 Description: Not Reported HUC: 07110009
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
 Aquifer: Mississippian aquifers Formation Type: Burlington Limestone
 Aquifer Type: Not Reported Construction Date: 19410101
 Well Depth: 116 Well Depth Units: ft
 Well Hole Depth: 116 Well Hole Depth Units: ft

Ground water levels,Number of Measurements: 2 Level reading date: 1984-05-15
 Feet below surface: 9.6 Feet to sea level: Not Reported
 Note: Not Reported

Level reading date: 1941-01-01 Feet below surface: 30
 Feet to sea level: Not Reported Note: Not Reported

Map ID: 35
 Organization ID: USGS-MO
 Organization Name: USGS Missouri Water Science Center
 Monitor Location: T46N R01E 01CCC1 Type: Well
 Description: Not Reported HUC: 07110009
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
 Aquifer: Mississippian aquifers
 Formation Type: Keokuk-Burlington Limestones, Undifferentiated
 Aquifer Type: Not Reported Construction Date: 19400801
 Well Depth: 235 Well Depth Units: ft
 Well Hole Depth: 235 Well Hole Depth Units: ft

Ground water levels,Number of Measurements: 1 Level reading date: 1940-08-01
 Feet below surface: 100 Feet to sea level: Not Reported
 Note: Not Reported

Map ID: 37
 Organization ID: USGS-MO
 Organization Name: USGS Missouri Water Science Center
 Monitor Location: T46N R02E 04DCC1 Type: Well
 Description: Not Reported HUC: 07110009
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
 Aquifer: Not Reported Formation Type: Not Reported
 Aquifer Type: Not Reported Construction Date: Not Reported
 Well Depth: Not Reported Well Depth Units: Not Reported
 Well Hole Depth: Not Reported Well Hole Depth Units: Not Reported

Ground water levels,Number of Measurements: 1 Level reading date: 1984-05-20
 Feet below surface: 79.7 Feet to sea level: Not Reported
 Note: Not Reported

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Map ID: 48
 Organization ID: USGS-MO
 Organization Name: USGS Missouri Water Science Center
 Monitor Location: T46N R02E 10DCB1 Type: Well
 Description: Not Reported HUC: 07110009
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported
 Aquifer: Mississippian aquifers
 Formation Type: Keokuk-Burlington Limestones, Undifferentiated
 Aquifer Type: Not Reported Construction Date: 19671002
 Well Depth: 185 Well Depth Units: ft
 Well Hole Depth: 185 Well Hole Depth Units: ft

Ground water levels,Number of Measurements: 2 Level reading date: 1984-05-14
 Feet below surface: 51.2 Feet to sea level: Not Reported
 Note: Not Reported

Level reading date: 1967-10-02 Feet below surface: 50
 Feet to sea level: Not Reported Note: Not Reported

Map ID: 50
 Organization ID: USGS-MO
 Organization Name: USGS Missouri Water Science Center
 Monitor Location: T46N R02E 17ABA1 Type: Well
 Description: Not Reported HUC: 07110009
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported
 Aquifer: Mississippian aquifers
 Formation Type: Keokuk-Burlington Limestones, Undifferentiated
 Aquifer Type: Not Reported Construction Date: Not Reported
 Well Depth: 225 Well Depth Units: ft
 Well Hole Depth: 225 Well Hole Depth Units: ft

Ground water levels,Number of Measurements: 1 Level reading date: 1984-05-14
 Feet below surface: 76.0 Feet to sea level: Not Reported
 Note: Not Reported

Map ID: 1
 Database: Missouri Public Drinking Water Wells
 DGLS ID: 103705 LOGMAIN ID: 0021761
 Well Certification #: Not Reported
 PWSS Name: Prairie View Acres Subdivision
 PWSS ID: 6036022 IPWS ID: MO6036022
 Well #: 1 Local Name: Well #1
 Well ID: 13285 Facility Type: Subdivision
 Federal Water System Type: Community Status: Active
 Drill Date: 1963 Abandoned: 0
 Plugged: 0 Material Type: Consolidated
 Formation at Casing Depth: Decorah/Plattin Formation at Total Depth: Smithville/Powell
 Total Depth: 710 Ground Elevation: 0
 Top Seal Type: Sanitary Seal Bottom Seal Type: Cement Grout
 Casing Depth: 416 Casing Diameter: 6
 Casing Type: Steel Casing Elevation: 0
 Casing Height: 0 Outer Well Casing Depth: 0

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Outer Casing Diameter:	0	Screen Length (ft):	-9999
Screen Size (in):	-9999	Depth to Static Water Level:	130
Max Yield (gal/min):	0	Dynamic Head of Pump:	0
Drawdown:	0	Year of Pump Test:	0
Pump Type:	Submersible	Pump Manufacturer:	Not Reported
Pump Depth:	0	Pump Capacity:	50
Has Pump Meter:	N	Has Stand-by Power:	Not Reported
VOC detections:	N	Nitrates Detected:	N
Chlorination Used:	N	Filtration Used:	N
GWUDISW:	Not Reported	Meets Construction Requirements:	Not Reported
Surface Drainage:	Not Reported	Water System Entry Point ID:	Y
SWIP Wellhead Status:	Verified		

Map ID:	1	ID:	021652
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	620		

Map ID:	1	ID:	021761
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	620		

Map ID:	2	ID:	026694
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	0		

Map ID:	3	ID:	016790
Database:	Geologic Well Log Database	Static Water Level:	120
Elevation:	657		

Map ID:	4	ID:	025974
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	664		

Map ID:	7	ID:	017850
Database:	Geologic Well Log Database	Static Water Level:	190
Elevation:	665		

Map ID:	7	ID:	018629
Database:	Geologic Well Log Database	Static Water Level:	140
Elevation:	665		

Map ID: 9

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Database: Geologic Well Log Database ID: 017794
Elevation: 667 Static Water Level: 120

Map ID: 10
Database: Geologic Well Log Database ID: 026697
Elevation: 643 Static Water Level: 0

Map ID: 11
Database: Geologic Well Log Database ID: 026484
Elevation: 664 Static Water Level: 0

Map ID: 12
Database: Geologic Well Log Database ID: 026859
Elevation: 666 Static Water Level: 100

Map ID: 13
Database: Geologic Well Log Database ID: 018065
Elevation: 613 Static Water Level: 83

Map ID: 14
Database: Geologic Well Log Database ID: 027371
Elevation: 696 Static Water Level: 205

Map ID: 13
Database: Geologic Well Log Database ID: 022577
Elevation: 610 Static Water Level: 0

Map ID: 15
Database: Geologic Well Log Database ID: 027240
Elevation: 638 Static Water Level: 55

Map ID: 16
Database: Geologic Well Log Database ID: 026530
Elevation: 686 Static Water Level: 0

Map ID: 17

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Database: Geologic Well Log Database ID: 026487
Elevation: 659 Static Water Level: 0

Map ID: 18
Database: Geologic Well Log Database ID: 026941
Elevation: 660 Static Water Level: 0

Map ID: 19
Database: Geologic Well Log Database ID: 025215
Elevation: 588 Static Water Level: 0

Map ID: 20
Database: Missouri Public Drinking Water Wells
DGLS ID: 100188 LOGMAIN ID: 0028039
Well Certification #: Not Reported
PWSS Name: Castlegate Estates MHP
PWSS ID: 6048257 IPWS ID: MO6048257
Well #: 1 Local Name: Well #1
Well ID: 10160 Facility Type: Mobile Home Park
Federal Water System Type: Non-Public Status: Inactive
Drill Date: 1976 Abandoned: 0
Plugged: 0 Material Type: Consolidated
Formation at Casing Depth: Decorah/Plattin Formation at Total Depth: St. Peter
Total Depth: 757 Ground Elevation: 665
Top Seal Type: Not Reported Bottom Seal Type: Not Reported
Casing Depth: 550 Casing Diameter: 6
Casing Type: Steel Casing Elevation: 0
Casing Height: 0 Outer Well Casing Depth: 0
Outer Casing Diameter: 0 Screen Length (ft): -9999
Screen Size (in): -9999 Depth to Static Water Level: 210
Max Yield (gal/min): 70 Dynamic Head of Pump: 500
Drawdown: 230 Year of Pump Test: 1976
Pump Type: Submersible Pump Manufacturer: Not Reported
Pump Depth: 488 Pump Capacity: 50
Has Pump Meter: Not Reported Has Stand-by Power: N
VOC detections: N Nitrates Detected: N
Chlorination Used: N Filtration Used: N
GWUDISW: Not Reported Meets Construction Requirements: Not Reported
Surface Drainage: Not Reported Water System Entry Point ID: Y
SWIP Wellhead Status: Not Verified

Map ID: 22
Database: Geologic Well Log Database ID: 028039
Elevation: 665 Static Water Level: 210

Map ID: 24
Database: Geologic Well Log Database ID: 006708

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Has Stand-by Power:	Not Reported	VOC detections:	N
Nitrates Detected:	N	Chlorination Used:	Not Reported
Filtration Used:	Not Reported	GWUDISW:	Not Reported
Meets Construction Requirements:	Not Reported	Surface Drainage:	Not Reported
Water System Entry Point ID:	Not Reported	SWIP Wellhead Status:	Verified

Map ID:	27	ID:	025519
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	592		

Map ID:	28	ID:	026513
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	660		

Map ID:	29	ID:	024394
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	635		

Map ID:	30	ID:	006605
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	718		

Map ID:	31	ID:	027527
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	692		

Map ID:	34	ID:	022234
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	672		

Map ID:	35	ID:	006269
Database:	Geologic Well Log Database	Static Water Level:	100
Elevation:	675		

Map ID:	36	ID:	007507
Database:	Geologic Well Log Database	Static Water Level:	30
Elevation:	597		

Map ID: 38

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Database:	Geologic Well Log Database	ID:	025229
Elevation:	675	Static Water Level:	100

Map ID:	39	ID:	027290
Database:	Geologic Well Log Database	Static Water Level:	105
Elevation:	680		

Map ID:	40	ID:	026754
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	682		

Map ID:	41	ID:	006481
Database:	Geologic Well Log Database	Static Water Level:	0
Elevation:	635		

Map ID:	42	ID:	006481
Database:	Missouri Public Drinking Water Wells	Static Water Level:	0
DGLS ID:	104081	LOGMAIN ID:	Not Reported
Well Certification #:	00167168		
PWSS Name:	St. Charles Co. PWSD #2		
PWSS ID:	6024530	IPWS ID:	MO6024530
Well #:	8	Local Name:	Well #8
Well ID:	13660	Facility Type:	Water District
Federal Water System Type:	Community	Status:	Emergency
Drill Date:	1999	Abandoned:	0
Plugged:	0	Material Type:	Consolidated
Formation at Casing Depth:	Smithville/Powell		
Formation at Total Depth:	Eminence	Total Depth:	1800
Ground Elevation:	620	Top Seal Type:	Cement Grout
Bottom Seal Type:	Cement Grout	Casing Depth:	818
Casing Diameter:	12	Casing Type:	Steel
Casing Elevation:	0	Casing Height:	0
Outer Well Casing Depth:	70	Outer Casing Diameter:	18
Screen Length (ft):	-9999	Screen Size (in):	-9999
Depth to Static Water Level:	315	Max Yield (gal/min):	1200
Dynamic Head of Pump:	0	Drawdown:	0
Year of Pump Test:	0	Pump Type:	Submersible
Pump Manufacturer:	Not Reported	Pump Depth:	546
Pump Capacity:	1000	Has Pump Meter:	Not Reported
Has Stand-by Power:	Not Reported	VOC detections:	N
Nitrates Detected:	N	Chlorination Used:	Not Reported
Filtration Used:	Not Reported	GWUDISW:	Not Reported
Meets Construction Requirements:	Not Reported	Surface Drainage:	Not Reported
Water System Entry Point ID:	Not Reported	SWIP Wellhead Status:	Verified

Map ID:	43	ID:	021866
Database:	Geologic Well Log Database		

GEOCHECK VERSION 2.1

PUBLIC WATER SUPPLY SYSTEM INFORMATION

PWS SUMMARY:

Map ID:	1		
Epa region:	07	State:	MO
Pwsid:	MO6036022	Pwsname:	PRAIRIE VIEW ACRES SUBD
Cityserved:	Not Reported	Stateserved:	MO
Ziperved:	Not Reported	Fipscounty:	29183
Status:	Active	Retpopsrvd:	135
Pwssvconn:	40	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	HUELLEWIG, MARIE	Contactorgname:	HUELLEWIG, MARIE
Contactphone:	636-327-5385	Contactaddress1:	2234 LAKESIDE DR
Contactaddress2:	Not Reported	Contactcity:	WENTZVILLE
Contactstate:	MO	Contactzip:	63385-0000
Pwsactivitycode:	A		
PWS ID:	MO6036022	PWS name:	PRAIRIE VIEW ACRES SUBD
Address:	2237 LAKESIDE DRIVE	Care of:	Not Reported
City:	WENTZVILLE	State:	MO
Zip:	63385	Owner:	PRAIRIE VIEW ACRES SUBD
Source code:	Ground water	Population:	135
PWS ID:	MO6036022	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	PRAIRIE VIEW ACRES SUBD
PWS type code:	C	Retail population served:	135
Contact:	HUELLEWIG, MARIE	Contact address:	2234 LAKESIDE DR
Contact address:	WENTZVILLE	Contact city:	MO
Contact state:	63	Contact zip:	314-327-53
Contact telephone:	Not Reported		
PWS ID:	MO6036022	Activity status:	Active
Date system activated:	6301	Date system deactivated:	Not Reported
Retail population:	00000135	System name:	PRAIRIE VIEW ACRES SUBD
System address:	Not Reported	System address:	2237 LAKESIDE DRIVE
System city:	WENTZVILLE	System state:	MO
System zip:	63385		
County FIPS:	Not Reported	City served:	PRAIRIE VW. SUB
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	384753	Longitude:	0905418
State:	MO	Latitude degrees:	38
Latitude minutes:	47	Latitude seconds:	53.0000
Longitude degrees:	90	Longitude minutes:	54
Longitude seconds:	18.0000		
Violation id:	6321402	Orig code:	S
State:	MO	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2001
Cmp edt:	10/31/2001		
Violation id:	6321702	Orig code:	S

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

State:	MO	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2001
Cmp edt:	11/30/2001		
Violation id:	6322103	Orig code:	S
State:	MO	Violation Year:	2002
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23		
Violation name:	Monitoring, Routine Major (TCR)		
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2002
Cmp edt:	11/30/2002		
Violation id:	6322306	Orig code:	S
State:	MO	Violation Year:	2006
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	72	Violation name:	CCR Inadequate Reporting
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	Not Reported		
Violation id:	6322408	Orig code:	S
State:	MO	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2008
Cmp edt:	01/31/2008		
Violation id:	6322608	Orig code:	S
State:	MO	Violation Year:	2008
Contamination code:	7500	Contamination Name:	Public Notice
Violation code:	75		
Violation name:	PN Violation for NPDWR Violation		
Rule code:	410	Rule name:	PN rule
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/24/2008
Cmp edt:	Not Reported		
Violation id:	6322610	Orig code:	S
State:	MO	Violation Year:	2010
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2010
Cmp edt:	08/31/2010		
Violation id:	6322614	Orig code:	S
State:	MO	Violation Year:	2012
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2012

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Cmp edt:	07/31/2012		
Violation id:	6322616	Orig code:	S
State:	MO	Violation Year:	2012
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	08/01/2012
Cmp edt:	08/31/2012		
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	10/1/2001 0:00:00
Compliance End:	10/31/2001 0:00:00	Violation ID:	6321402
Enforcement Date:	10/26/2001 0:00:00	Enforcement Action:	SFJ
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	10/1/2001 0:00:00
Compliance End:	10/31/2001 0:00:00	Violation ID:	6321402
Enforcement Date:	11/26/2001 0:00:00	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	10/01/01
Compliance End:	10/31/01	Violation ID:	6321402
Enforcement Date:	11/26/01	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	10/01/01
Compliance End:	10/31/01	Violation ID:	6321402
Enforcement Date:	10/26/01	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	10/01/01
Compliance End:	10/31/01	Violation ID:	6321402
Enforcement Date:	10/26/01	Enforcement Action:	SFJ
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	10/1/2001 0:00:00
Compliance End:	10/31/2001 0:00:00	Violation ID:	6321402
Enforcement Date:	10/26/2001 0:00:00	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	11/1/2001 0:00:00
Compliance End:	11/30/2001 0:00:00	Violation ID:	6321702
Enforcement Date:	12/28/2001 0:00:00	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	11/01/01
Compliance End:	11/30/01	Violation ID:	6321702
Enforcement Date:	12/28/01	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	11/01/01
Compliance End:	11/30/01	Violation ID:	6321702
Enforcement Date:	01/22/02	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	11/1/2001 0:00:00
Compliance End:	11/30/2001 0:00:00	Violation ID:	6321702
Enforcement Date:	1/22/2002 0:00:00	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Contaminant:	3100	Compliance Begin:	11/1/2001 0:00:00
Compliance End:	11/30/2001 0:00:00	Violation ID:	6321702
Enforcement Date:	12/28/2001 0:00:00	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	22
Contaminant:	3100	Compliance Begin:	11/01/01
Compliance End:	11/30/01	Violation ID:	6321702
Enforcement Date:	12/28/01	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	11/01/02
Compliance End:	11/30/02	Violation ID:	6322103
Enforcement Date:	01/27/03	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	11/01/02
Compliance End:	11/30/02	Violation ID:	6322103
Enforcement Date:	01/10/03	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	11/01/02
Compliance End:	11/30/02	Violation ID:	6322103
Enforcement Date:	01/10/03	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	11/1/2002 0:00:00
Compliance End:	11/30/2002 0:00:00	Violation ID:	6322103
Enforcement Date:	1/10/2003 0:00:00	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	11/1/2002 0:00:00
Compliance End:	11/30/2002 0:00:00	Violation ID:	6322103
Enforcement Date:	1/10/2003 0:00:00	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	11/1/2002 0:00:00
Compliance End:	11/30/2002 0:00:00	Violation ID:	6322103
Enforcement Date:	1/27/2003 0:00:00	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	72
Contaminant:	7000	Compliance Begin:	07/01/06
Compliance End:	09/22/06	Violation ID:	6322306
Enforcement Date:	09/22/06	Enforcement Action:	SOX
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1994-11-01
Compliance End:	1994-11-30	Violation ID:	9501161
Enforcement Date:	1995-01-09	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-04-01
Compliance End:	1995-04-30	Violation ID:	9504184
Enforcement Date:	1995-06-08	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-04-01
Compliance End:	1995-04-30	Violation ID:	9504184
Enforcement Date:	1995-06-08	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-04-01
Compliance End:	1995-04-30	Violation ID:	9504184
Enforcement Date:	1995-06-08	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-10-01
Compliance End:	1995-10-31	Violation ID:	9610173

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Enforcement Date:	1995-12-07	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-10-01
Compliance End:	1995-10-31	Violation ID:	9610173
Enforcement Date:	1995-12-07	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1998-04-01
Compliance End:	1998-04-30	Violation ID:	98000002
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	24
Contaminant:	3100	Compliance Begin:	1998-07-01
Compliance End:	1998-07-31	Violation ID:	98000003
Enforcement Date:	1998-08-31	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	24
Contaminant:	3100	Compliance Begin:	1998-07-01
Compliance End:	1998-07-31	Violation ID:	98000003
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	24
Contaminant:	3100	Compliance Begin:	1998-07-01
Compliance End:	1998-07-31	Violation ID:	99000001
Enforcement Date:	1998-08-31	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1998-10-01
Compliance End:	1998-10-31	Violation ID:	99000001
Enforcement Date:	1998-12-11	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1998-10-01
Compliance End:	1998-10-31	Violation ID:	99000001
Enforcement Date:	1998-12-11	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-01-01
Compliance End:	1999-01-31	Violation ID:	99000004
Enforcement Date:	1999-03-05	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-01-01
Compliance End:	1999-01-31	Violation ID:	99000005
Enforcement Date:	1999-03-05	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-02-01
Compliance End:	1999-02-28	Violation ID:	99000005
Enforcement Date:	1999-04-06	Enforcement Action:	SIA
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-02-01
Compliance End:	1999-02-28	Violation ID:	99000005
Enforcement Date:	1999-04-06	Enforcement Action:	SIE
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-02-01
Compliance End:	1999-02-28	Violation ID:	99000005
Enforcement Date:	1999-04-30	Enforcement Action:	SFG

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System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-01-01
Compliance End:	1999-01-31	Violation ID:	9900005
Enforcement Date:	1999-04-30	Enforcement Action:	SFG
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-01-01
Compliance End:	1999-01-31	Violation ID:	9900005
Enforcement Date:	1999-06-10	Enforcement Action:	SIF
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-02-01
Compliance End:	1999-02-28	Violation ID:	9900005
Enforcement Date:	1999-05-20	Enforcement Action:	SFK
System Name:	PRAIRIE VIEW ACRES SUBD	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1999-01-01
Compliance End:	1999-01-31	Violation ID:	9900005
Enforcement Date:	1999-05-20	Enforcement Action:	SFK
Violation ID:	1017396	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	116195	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	198	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	199	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	199	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	06/13/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	28596	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	298	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	06/13/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	298	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	397	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	398	Orig Code:	S
Enforcement FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	398	Orig Code:	S
Enforcement FY:	2011	Enforcement Action:	06/13/2011

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Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	418495	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	499	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	06/13/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	499	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	597	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	599	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	06/13/2011
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	599	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	620196	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6321402	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6321402	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	10/26/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6321402	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	11/26/2001
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6321402	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	10/26/2001
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6321702	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	01/22/2002
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6321702	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	12/28/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6321702	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6321702	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	12/28/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

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Violation ID:	6322103	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6322103	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	01/27/2003
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6322103	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	01/10/2003
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6322103	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	01/10/2003
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6322306	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	09/22/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6322408	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6322408	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	01/24/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6322408	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	01/24/2008
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6322608	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	12/31/2010
Enforcement Detail:	St Intentional no-action	Enforcement Category:	Resolving
Violation ID:	6322610	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6322610	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	09/07/2010
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	6322610	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	10/05/2010
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6322610	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	09/07/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6322614	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	08/20/2012
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	6322614	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	07/20/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

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Violation ID:	6322614	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	6322616	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	08/28/2012
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	6322616	Orig Code:	S
Enforcemnt FY:	2012	Enforcement Action:	08/28/2012
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	6322616	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	697	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6321402
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	10/31/2001 0:00:00
Enforcement date:	10/26/2001 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6321402
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	10/31/2001 0:00:00
Enforcement date:	10/26/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6321402
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	10/1/2001 0:00:00	Compliance end date:	10/31/2001 0:00:00
Enforcement date:	11/26/2001 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6321702
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	11/1/2001 0:00:00	Compliance end date:	11/30/2001 0:00:00
Enforcement date:	1/22/2002 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6321702
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	11/1/2001 0:00:00	Compliance end date:	11/30/2001 0:00:00
Enforcement date:	12/28/2001 0:00:00		
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135

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PWS type code:	C	Violation ID:	6321702
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	11/1/2001 0:00:00	Compliance end date:	11/30/2001 0:00:00
Enforcement date:	12/28/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322103
Contaminant:	COLIFORM (TCR)		
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	11/1/2002 0:00:00	Compliance end date:	11/30/2002 0:00:00
Enforcement date:	1/10/2003 0:00:00		
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322103
Contaminant:	COLIFORM (TCR)		
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	11/1/2002 0:00:00	Compliance end date:	11/30/2002 0:00:00
Enforcement date:	1/10/2003 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322103
Contaminant:	COLIFORM (TCR)		
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	11/1/2002 0:00:00	Compliance end date:	11/30/2002 0:00:00
Enforcement date:	1/27/2003 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322306
Contaminant:	7000	Violation type:	72
Compliance start date:	7/1/2006 0:00:00	Compliance end date:	9/22/2006 0:00:00
Enforcement date:	9/22/2006 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322408
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	1/1/2008 0:00:00	Compliance end date:	1/31/2008 0:00:00
Enforcement date:	1/24/2008 0:00:00		
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322408
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	1/1/2008 0:00:00	Compliance end date:	1/31/2008 0:00:00
Enforcement date:	1/24/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	PRAIRIE VIEW ACRES SUBD	Population served:	135
PWS type code:	C	Violation ID:	6322608
Contaminant:	7500	Violation type:	75
Compliance start date:	2/24/2008 0:00:00	Compliance end date:	12/31/2025 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

GEOCHECK VERSION 2.1
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Epa region:	07	State:	MO
Pwsid:	MO6048257	Pwsname:	CASTLEGATE ESTATES MHP
Cityserved:	Not Reported	Stateserved:	MO
Zipserved:	Not Reported	Fipscounty:	29183
Status:	Closed	Retpopsrvd:	360
Pwssvconn:	110	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	CASTLEGATE ESTATES MHP	Contactorgname:	Not Reported
Contactphone:	314-961-5359	Contactaddress1:	Not Reported
Contactaddress2:	225 SOUTH ELM AVE.	Contactcity:	WEBSTER GROVES
Contactstate:	MO	Contactzip:	63119
Pwsactivitycode:	I		
PWS ID:	MO6048257	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MO6048257
Activity status:	Active	Date system activated:	8201
Date system deactivated:	Not Reported	Retail population:	00000360
System name:	CASTLEGATE ESTATES MHP	System address:	Not Reported
System address:	225 SOUTH ELM AVE.	System city:	WEBSTER GROVES
System state:	MO	System zip:	63119
County FIPS:	Not Reported	City served:	GASTLEGATE MHP
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	383324	Longitude:	0902254
Latitude:	384631	Longitude:	0905150
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-07-01
Compliance End:	1995-07-31	Violation ID:	9507216
Enforcement Date:	1995-09-21	Enforcement Action:	SIA
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-07-01
Compliance End:	1995-07-31	Violation ID:	9507216
Enforcement Date:	1995-09-21	Enforcement Action:	SIE
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-07-01
Compliance End:	1995-07-31	Violation ID:	9507216
Enforcement Date:	1995-10-26	Enforcement Action:	SIF
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	24
Contaminant:	3100	Compliance Begin:	1995-10-01
Compliance End:	1995-10-31	Violation ID:	9610186
Enforcement Date:	1995-12-07	Enforcement Action:	SIA
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	24
Contaminant:	3100	Compliance Begin:	1995-10-01
Compliance End:	1995-10-31	Violation ID:	9610186
Enforcement Date:	1995-12-07	Enforcement Action:	SIE
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-11-01
Compliance End:	1995-11-30	Violation ID:	9611152
Enforcement Date:	1996-01-05	Enforcement Action:	SIA
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Contaminant:	3100	Compliance Begin:	1995-11-01
Compliance End:	1995-11-30	Violation ID:	9611152
Enforcement Date:	1996-01-05	Enforcement Action:	SIE
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-11-01
Compliance End:	1995-11-30	Violation ID:	9611152
Enforcement Date:	1996-01-26	Enforcement Action:	SIF
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-12-01
Compliance End:	1995-12-31	Violation ID:	9612177
Enforcement Date:	1996-01-31	Enforcement Action:	SIA
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-12-01
Compliance End:	1995-12-31	Violation ID:	9612177
Enforcement Date:	1996-01-31	Enforcement Action:	SIE
System Name:	CASTLEGATE ESTATES MHP	Violation Type:	23
Contaminant:	3100	Compliance Begin:	1995-12-01
Compliance End:	1995-12-31	Violation ID:	9612177
Enforcement Date:	1996-02-22	Enforcement Action:	SIF

Map ID:	23		
Epa region:	07	State:	MO
Pwsid:	MO6024530	Pwsname:	ST CHARLES CO PWSD 2
Cityserved:	Not Reported	Stateserved:	MO
Zipsserved:	Not Reported	Fipscounty:	29183
Status:	Active	Retpopsrvd:	99000
Pwsvconn:	33666	Psource longname:	Purch_surface_water
Pwstype:	CWS	Owner:	Local_Govt
Contact:	SNEED, JAMES ANTHONY	Contactorgname:	SNEED, JAMES ANTHONY
Contactphone:	636-561-3737	Contactaddress1:	Not Reported
Contactaddress2:	PO BOX 967	Contactcity:	O FALLON
Contactstate:	MO	Contactzip:	63366-0000
Pwsactivitycode:	A		
Pwsid:	MO6024530	Facid:	73111
Facname:	W3 LAKE ST LOUI	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	73111
Facname:	W3 LAKE ST LOUI	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	MO6024530	Facid:	73114
Facname:	W6 LAURA HILLS	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	73115
Facname:	W7 HAWK RIDGE	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Pwsid:	MO6024530	Facid:	95127
Facname:	W2 FEISE RD	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	95128
Facname:	W5 HWY N & Z	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	95128
Facname:	W5 HWY N & Z	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Trtprocess:	not reported
Trtobjective:	disinfection		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Trtprocess:	gaseous chlorination, pre
Trtobjective:	disinfection		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Trtprocess:	gaseous chlorination, post
Trtobjective:	disinfection		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Trtprocess:	filtration, rapid sand
Trtobjective:	particulate removal		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Trtprocess:	aeration, diffused
Trtobjective:	taste / odor control		
Factypecode:	TP		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Factypecode:	TP
Trtobjective:	softening (hardness removal)		
Trtprocess:	lime - soda ash addition		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant	Factypecode:	TP
Trtobjective:	softening (hardness removal)		
Trtprocess:	rapid mix		
Pwsid:	MO6024530	Facid:	97459
Facname:	TRTMT PLT-BOUGHT FROM MO6079507	Facactivitycode:	A
Factype:	Treatment_plant		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Trtobjective:	other	Trtprocess:	fluoridation
Factypecode:	TP		
PWS ID:	MO6024530	PWS name:	ST CHARLES CO PWSD #2
Address:	P.O. BOX 967	Care of:	#1 WATER DRIVE
City:	O'FALLON	State:	MO
Zip:	63366	Owner:	ST CHARLES CO PWSD #2
Source code:	Ground water	Population:	48000
PWS ID:	MO6024530	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	ST CHARLES CO PWSD #2
PWS type code:	C	Retail population served:	62000
Contact:	COBB, CATHERINE	Contact address:	100 WATER DR
Contact address:	PO BOX 967	Contact city:	O FALLON
Contact state:	MO	Contact zip:	63366-0000
Contact telephone:	Not Reported		
County:	ST CHARLES	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, POST
Population:	48000		
County:	ST CHARLES	Source:	Ground water
Treatment Objective:	IRON REMOVAL	Process:	SEQUESTRATION
Population:	48000		
PWS ID:	MO6024530	Activity status:	Active
Date system activated:	7501	Date system deactivated:	Not Reported
Retail population:	00007025	System name:	ST. CHARLES CO PWSD #2
System address:	#1 WATER DRIVE	System address:	P.O. BOX 967
System city:	O'FALLON	System state:	MO
System zip:	63366		
County FIPS:	Not Reported	City served:	ST CHAR.CO PWSD
Population served:	5,001 - 10,000 Persons	Treatment:	Untreated
Latitude:	384838	Longitude:	0904158
Latitude:	384246	Longitude:	0905238
Latitude:	384626	Longitude:	0905140
State:	MO	Latitude degrees:	38
Latitude minutes:	46	Latitude seconds:	26.0000
Longitude degrees:	90	Longitude minutes:	51
Longitude seconds:	40.0000		
State:	MO	Latitude degrees:	38
Latitude minutes:	42	Latitude seconds:	46.0000
Longitude degrees:	90	Longitude minutes:	52
Longitude seconds:	38.0000		
Violation id:	2108	Orig code:	S
State:	MO	Violation Year:	2007
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2007
Cmp edt:	09/30/2007		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Violation ID:	197	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	2108	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	10/02/2007
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	2108	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	01/22/2014
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	2108	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	10/02/2007
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	2108	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	10/17/2007
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
PWS name:	ST CHARLES CO PWSD #2	Population served:	62000
PWS type code:	C	Violation ID:	2108
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	9/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	10/17/2007 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	ST CHARLES CO PWSD #2	Population served:	62000
PWS type code:	C	Violation ID:	2108
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	9/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	10/2/2007 0:00:00		
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		
PWS name:	ST CHARLES CO PWSD #2	Population served:	62000
PWS type code:	C	Violation ID:	2108
Contaminant:	COLIFORM (TCR)		
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	9/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	10/2/2007 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

MISSOURI GOVERNMENT WELL RECORDS SEARCHED

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

State Wetlands Data: National Wetland Inventory of Missouri

Source: Department of Natural Resources

Telephone: 573-751-5110

Missouri Public Drinking Water Wells

Source: Department of Natural Resources

Telephone: 573-526-5448

Missouri Geologic Well Log Database

Source: Department of Natural Resources

Telephone: 573-526-5448

Oil and Gas Well Database

Source: Department of Natural Resources

Telephone: 573-368-2143

STREET AND ADDRESS INFORMATION

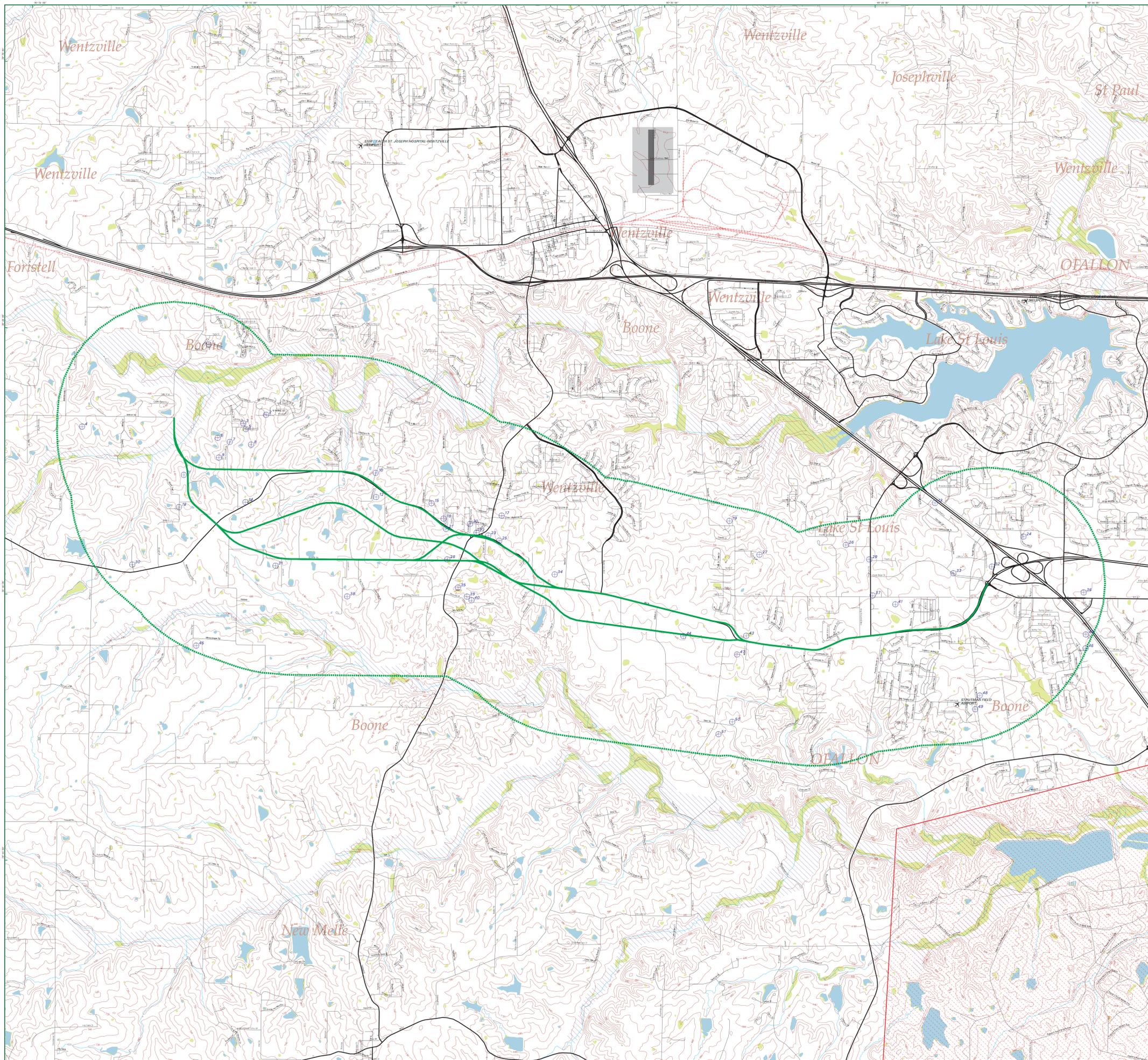
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EDR DataMap®

Well Search

Route N NEPA Study J6S3342

- Listed Water Wells
- Study Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Fault Lines
- Water
- Superfund Sites
- 100-Yr Flood Zones
- Wetlands



Wentzville, MO



Scale in Miles



Attachment 2
Site Photographs



Site 1: Factory Direct Mobile Home



Site 2: Walgreens at 10 E Highway N



Site 3: Mobile on the Run #1619



Site 4: MFA Exchange (potential site)



Site 5: Petro Mart #74



Site 5: Petro Mart #74 UST



Site 6: Lowes Home Center #2311



Site 7: QuikTrip #669



Site 7: QuikTrip #669 Vent system



Site 7: QuikTrip #669 UST



Site 8: Widowski Mark



Site 9: Hopewell Missionary Baptist Church



Site 10: Buck Tract: Note address. 8552 would be the new housing behind the fence. Looking south



Site 10: Buck Tract, looking southwest



Site 10: Buck Tract, looking northeast



Site 12: Wyndgate-Summit Point Neighborhood



Site 13: Jiffy Lube



Site 13: Jiffy Lube



Site 14: Dobbs Tire and Auto



Site 15: Firestone



Site 15: Firestone UST



Site 16: Plaza Tire Service



Site 16: 55-gallon drums behind Plaza Tire Service



Site 17: Walmart gas station



Site 18: ZX gas station



Site 18: ZX USTs

Appendix E

Endangered Species Data

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United States Department of the Interior



FISH AND WILDLIFE SERVICE
Missouri Ecological Services Field Office
101 Park Deville Drive
Suite A
Columbia, MO 65203-0057
Phone: (573) 234-2132 Fax: (573) 234-2181

In Reply Refer To:

June 06, 2019

Consultation Code: 03E14000-2019-SLI-1854

Event Code: 03E14000-2019-E-04314

Project Name: Route N EA

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

This response has been generated by the Information, Planning, and Conservation (IPaC) system to provide information on natural resources that could be affected by your project. The U.S. Fish and Wildlife Service (Service) provides this response under the authority of the Endangered Species Act of 1973 (16 U.S.C. 1531-1543), the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d), the Migratory Bird Treaty Act (16 U.S.C. 703-712), and the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.).

Threatened and Endangered Species

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and may be affected by your proposed project. The species list fulfills the requirement for obtaining a Technical Assistance Letter from the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. **Note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days.** The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

Consultation Technical Assistance

Refer to the Midwest Region [S7 Technical Assistance](#) website for step-by-step instructions for making species determinations and for specific guidance on the following types of projects: projects in developed areas, HUD, pipelines, buried utilities, telecommunications, and requests for a Conditional Letter of Map Revision (CLOMR) from FEMA.

Federally Listed Bat Species

Indiana bats, gray bats, and northern long-eared bats occur throughout Missouri and the information below may help in determining if your project may affect these species.

Gray bats - Gray bats roost in caves or mines year-round and use water features and forested riparian corridors for foraging and travel. If your project will impact caves, mines, associated riparian areas, or will involve tree removal around these features particularly within stream corridors, riparian areas, or associated upland woodlots gray bats could be affected.

Indiana and northern long-eared bats - These species hibernate in caves or mines only during the winter. In Missouri the hibernation season is considered to be November 1 to March 31. During the active season in Missouri (April 1 to October 31) they roost in forest and woodland habitats. Suitable summer habitat for Indiana bats and northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags 5 inches diameter at breast height (dbh) for Indiana bat, and 3 inches dbh for northern long-eared bat, that have exfoliating bark, cracks, crevices, and/or hollows), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Tree species often include, but are not limited to, shellbark or shagbark hickory, white oak, cottonwood, and maple. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of other forested/wooded habitat. Northern long-eared bats have also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat and evaluated for use by bats. If your project will impact caves or mines or will involve clearing forest or woodland habitat containing suitable roosting habitat, Indiana bats or northern long-eared bats could be affected.

Examples of unsuitable habitat include:

- Individual trees that are greater than 1,000 feet from forested or wooded areas;
 - Trees found in highly-developed urban areas (e.g., street trees, downtown areas);
 - A pure stand of less than 3-inch dbh trees that are not mixed with larger trees; and
 - A stand of eastern red cedar shrubby vegetation with no potential roost trees.
-

Using the IPaC Official Species List to Make No Effect and May Affect Determinations for Listed Species

1. If IPaC returns a result of “There are no listed species found within the vicinity of the project,” then project proponents can conclude the proposed activities will have **no effect** on any federally listed species under Service jurisdiction. Concurrence from the Service is not required for **No Effect** determinations. No further consultation or coordination is required. Attach this letter to the dated IPaC species list report for your records. An example ["No Effect" document](#) also can be found on the S7 Technical Assistance website.

2. If IPaC returns one or more federally listed, proposed, or candidate species as potentially present in the action area of the proposed project other than bats (see #3 below) then project proponents can conclude the proposed activities **may affect** those species. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain [Life History Information for Listed and Candidate Species](#) through the S7 Technical Assistance website.

3. If IPaC returns a result that one or more federally listed bat species (Indiana bat, northern long-eared bat, or gray bat) are potentially present in the action area of the proposed project, project proponents can conclude the proposed activities **may affect** these bat species **IF** one or more of the following activities are proposed:

- a. Clearing or disturbing suitable roosting habitat, as defined above, at any time of year;
- b. Any activity in or near the entrance to a cave or mine;
- c. Mining, deep excavation, or underground work within 0.25 miles of a cave or mine;
- d. Construction of one or more wind turbines; or
- e. Demolition or reconstruction of human-made structures that are known to be used by bats based on observations of roosting bats, bats emerging at dusk, or guano deposits or stains.

If none of the above activities are proposed, project proponents can conclude the proposed activities will have **no effect** on listed bat species. Concurrence from the Service is not required for **No Effect** determinations. No further consultation or coordination is required. Attach this letter to the dated IPaC species list report for your records. An example ["No Effect" document](#) also can be found on the S7 Technical Assistance website.

If any of the above activities are proposed in areas where one or more bat species may be present, project proponents can conclude the proposed activities **may affect** one or more bat species. We recommend coordinating with the Service as early as possible during project planning. If your project will involve removal of over 5 acres of suitable forest or woodland habitat, we recommend you complete a Summer Habitat Assessment prior to contacting our office to expedite the consultation process. The Summer Habitat Assessment Form is available in Appendix A of the most recent version of the [Range-wide Indiana Bat Summer Survey Guidelines](#).

Other Trust Resources and Activities

Bald and Golden Eagles - Although the bald eagle has been removed from the endangered species list, this species and the golden eagle are protected by the Bald and Golden Eagle Act and the Migratory Bird Treaty Act. Should bald or golden eagles occur within or near the project area please contact our office for further coordination. For communication and wind energy projects, please refer to additional guidelines below.

Migratory Birds - The Migratory Bird Treaty Act (MBTA) prohibits the taking, killing, possession, transportation, and importation of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Service. The Service has the responsibility under the MBTA to proactively prevent the mortality of migratory birds whenever possible and we encourage implementation of recommendations that minimize potential impacts to migratory birds. Such measures include clearing forested habitat outside the nesting season (generally March 1 to August 31) or conducting nest surveys prior to clearing to avoid injury to eggs or nestlings.

Communication Towers - Construction of new communications towers (including radio, television, cellular, and microwave) creates a potentially significant impact on migratory birds, especially some 350 species of night-migrating birds. However, the Service has developed [voluntary guidelines for minimizing impacts](#).

Transmission Lines - Migratory birds, especially large species with long wingspans, heavy bodies, and poor maneuverability can also collide with power lines. In addition, mortality can occur when birds, particularly hawks, eagles, kites, falcons, and owls, attempt to perch on uninsulated or unguarded power poles. To minimize these risks, please refer to [guidelines](#) developed by the Avian Power Line Interaction Committee and the Service. Implementation of these measures is especially important along sections of lines adjacent to wetlands or other areas that support large numbers of raptors and migratory birds.

Wind Energy - To minimize impacts to migratory birds and bats, wind energy projects should follow the Service's [Wind Energy Guidelines](#). In addition, please refer to the Service's [Eagle Conservation Plan Guidance](#), which provides guidance for conserving bald and golden eagles in the course of siting, constructing, and operating wind energy facilities.

Next Steps

Should you determine that project activities **may affect** any federally listed species or trust resources described herein, please contact our office for further coordination. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

If you have not already done so, please contact the Missouri Department of Conservation (Policy Coordination, P. O. Box 180, Jefferson City, MO 65102) for information concerning Missouri Natural Communities and Species of Conservation Concern.

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Karen Herrington

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
 - Wetlands
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Missouri Ecological Services Field Office

101 Park Deville Drive

Suite A

Columbia, MO 65203-0057

(573) 234-2132

Project Summary

Consultation Code: 03E14000-2019-SLI-1854

Event Code: 03E14000-2019-E-04314

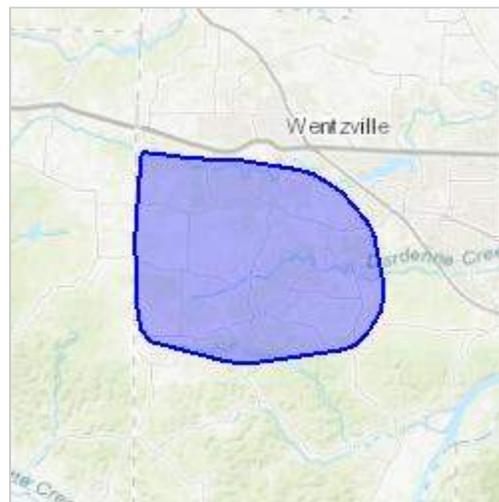
Project Name: Route N EA

Project Type: TRANSPORTATION

Project Description: Route N EA

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/38.74455379650264N90.87521755250785W>



Counties: St. Charles, MO

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Gray Bat <i>Myotis grisescens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Flowering Plants

NAME	STATUS
Decurrent False Aster <i>Boltonia decurrens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7705	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

Due to your project's size, the list below may be incomplete, or the acreages reported may be inaccurate. For a full list, please contact the local U.S. Fish and Wildlife office or visit <https://www.fws.gov/wetlands/data/mapper.HTML>

FRESHWATER EMERGENT WETLAND

- [PEM1A](#)
- [PEM1Ch](#)
- [PEM1Fh](#)

FRESHWATER FORESTED/SHRUB WETLAND

- [PFO1A](#)
- [PSS1A](#)
- [PSSAh](#)
- [PSS1F](#)
- [PFO1Ah](#)
- [PSS1Ch](#)

FRESHWATER POND

- [PUBFh](#)
- [PUBGh](#)
- [PUBF](#)
- [PABGh](#)
- [PUBGx](#)
- [PUBFx](#)

LAKE

- [L1UBHh](#)

RIVERINE

- [R2USA](#)
 - [R2UBH](#)
-

- [R4SBC](#)
 - [R5UBH](#)
 - [R2UBG](#)
 - [R3UBG](#)
 - [R4SBCx](#)
-



Missouri Department of Conservation

Missouri Department of Conservation's Mission is to protect and manage the forest, fish, and wildlife resources of the state and to facilitate and provide opportunities for all citizens to use, enjoy and learn about these resources.

Natural Heritage Review Level Three Report: Species Listed Under the Federal Endangered Species Act

There are records for species listed under the Federal Endangered Species Act, and possibly also records for species listed Endangered by the state, or Missouri Species and/or Natural Communities of Conservation Concern within or near the the defined Project Area. Please contact the U.S. Fish and Wildlife Service and the Missouri Department of Conservation for further coordination.

Foreword: Thank you for accessing the Missouri Natural Heritage Review Website developed by the Missouri Department of Conservation with assistance from the U.S. Fish and Wildlife Service, the U.S. Army Corps of Engineers, Missouri Department of Transportation and NatureServe. The purpose of this website is to provide information to federal, state and local agencies, organizations, municipalities, corporations and consultants regarding sensitive fish, wildlife, plants, natural communities and habitats to assist in planning, designing and permitting stages of projects.

PROJECT INFORMATION

Project Name and ID Number: Route N Improvement Study #5928

User Project Number: J6S3342

Project Description: Improvement of conditions between I-70 and I-670

Project Type: Transportation, Roads

Contact Person: Rob Miller

Contact Information: rmiller2@ch2m.com or 614-825-6703

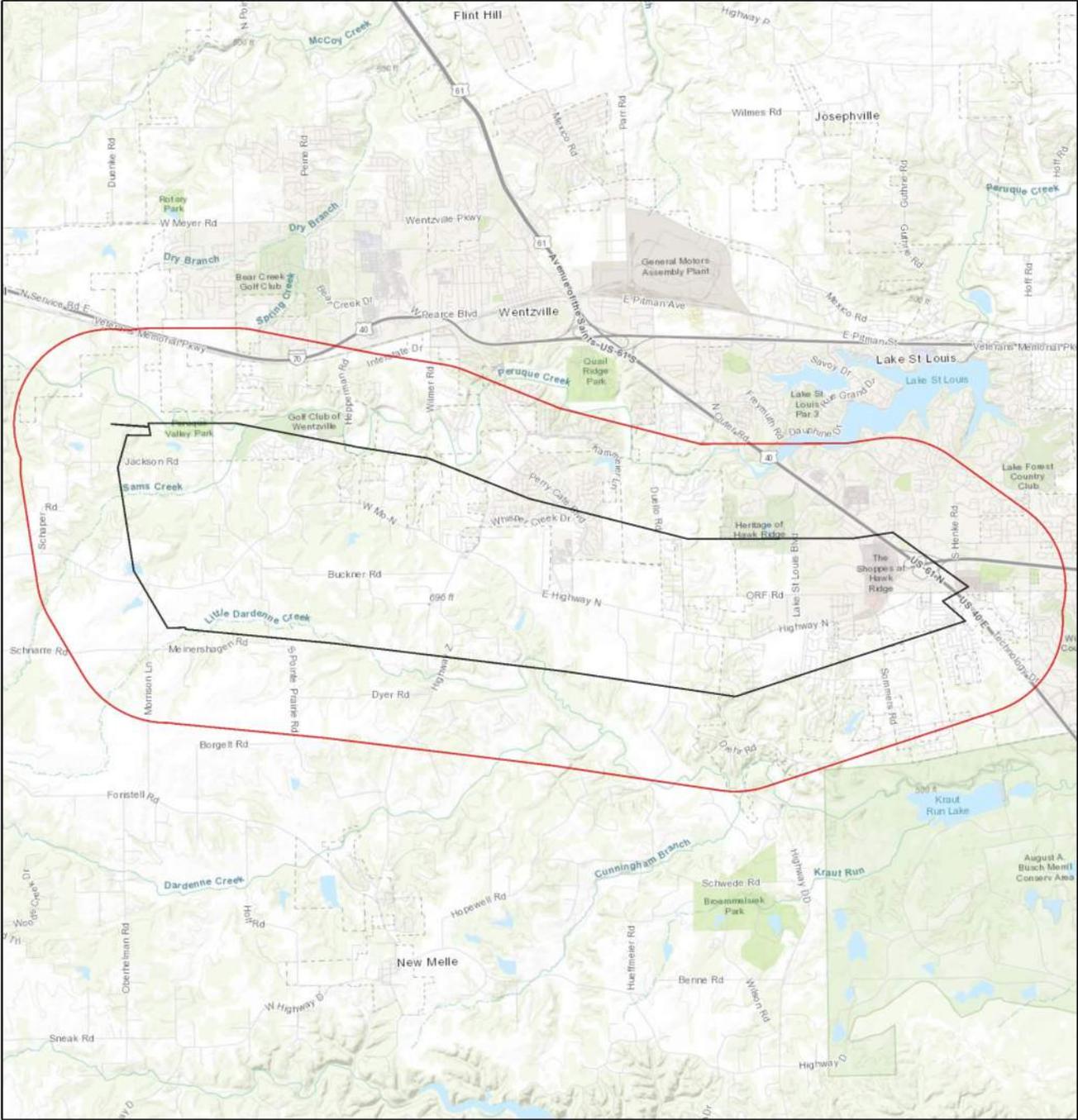
Disclaimer: The NATURAL HERITAGE REVIEW REPORT produced by this website identifies if a species tracked by the Natural Heritage Program is known to occur within or near the area submitted for your project, and shares suggested recommendations on ways to avoid or minimize project impacts to sensitive species or special habitats. If an occurrence record is present, or the proposed project might affect federally listed species, the user must contact the Department of Conservation or U.S. Fish and Wildlife Service for more information. The Natural Heritage Program tracks occurrences of sensitive species and natural communities where the species or natural community has been found. Lack of an occurrence record does not mean that a sensitive plant, animal or natural community is not present on or near the project area. Depending on the project, current habitat conditions, and geographic location in the state, surveys may be necessary. Additionally, because land use conditions change and animals move, the existence of an occurrence record does not mean the species/habitat is still present. Therefore, Reports include information about records near but not necessarily on the project site.

The Natural Heritage Report is not a site clearance letter for the project. It provides an indication of whether or not public lands and sensitive resources are known to be (or are likely to be) located close to the proposed project. Incorporating information from the Natural Heritage Program into project plans is an important step that can help reduce unnecessary impacts to Missouri's sensitive fish, forest and wildlife resources. However, the Natural Heritage Program is only one reference that should be used to evaluate potential adverse project impacts. Other types of information, such as wetland and soils maps and on-site inspections or surveys, should be considered. Reviewing current landscape and habitat information, and species' biological characteristics would additionally ensure that Missouri Species of Conservation Concern are appropriately identified and addressed in planning efforts.

U.S. Fish and Wildlife Service – Endangered Species Act (ESA) Coordination: Lack of a Natural Heritage Program occurrence record for federally listed species in your project area does not mean the species is not present, as the area may never have been surveyed. Presence of a Natural Heritage Program occurrence record does not mean the project will result in negative impacts. The information within this report is not intended to replace Endangered Species Act consultation with the U.S. Fish and Wildlife Service (USFWS) for listed species. Direct contact with the USFWS may be necessary to complete consultation and it is required for actions with a federal connection, such as federal funding or a federal permit; direct contact is also required if ESA concurrence is necessary. Visit the USFWS Information for Planning and Conservation (IPaC) website at <https://ecos.fws.gov/ipac/> for further information. This site was developed to help streamline the USFWS environmental review process and is a first step in ESA coordination. The Columbia Missouri Ecological Field Services Office may be reached at 573-234-2132, or by mail at 101 Park Deville Drive, Suite A, Columbia, MO 65203.

Transportation Projects: If the project involves the use of Federal Highway Administration transportation funds, these recommendations may not fulfill all contract requirements. Please contact the Missouri Department of Transportation at 573-526-4778 or www.modot.mo.gov/ehp/index.htm for additional information on recommendations.

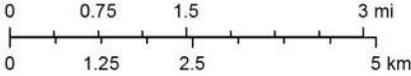
Route N Improvement Study



June 26, 2019

1:93,349

- Project Boundary
- Buffered Project Boundary



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Species or Communities of Conservation Concern within the Area:

There are records for species listed under the Federal Endangered Species Act, and possibly also records for species listed Endangered by the state, or Missouri Species and/or Natural Communities of Conservation Concern within or near the the defined Project Area. Please contact the U.S. Fish and Wildlife Service and the Missouri Department of Conservation for further coordination.

MDC Natural Heritage Review
Resource Science Division
P.O. Box 180
Jefferson City, MO
65102-0180
Phone: 573-522-4115 ext. 3182
NaturalHeritageReview@mdc.mo.gov

U.S. Fish and Wildlife Service
Ecological Service
101 Park Deville Drive
Suite A
Columbia, MO
65203-0007
Phone: 573-234-2132

Other Special Search Results:

No results have been identified for this project location.

Project Type Recommendations:

No recommendations have been identified for this project type.

Project Location and/or Species Recommendations:

Endangered Species Act Coordination - Indiana bats (*Myotis sodalis*, federal- and state-listed endangered) and **Northern long-eared bats** (*Myotis septentrionalis*, federal-listed threatened) may occur near the project area. Both of these species of bats hibernate during winter months in caves and mines. During the summer months, they roost and raise young under the bark of trees in wooded areas, often riparian forests and upland forests near perennial streams. During project activities, avoid degrading stream quality and where possible leave snags standing and preserve mature forest canopy. Do not enter caves known to harbor Indiana bats or Northern long-eared bats, especially from September to April. **If any trees need to be removed for your project, please contact the U.S. Fish and Wildlife Service (Ecological Services, 101 Park Deville Drive, Suite A, Columbia, Missouri 65203-0007; Phone 573-234-2132 ext. 100 for Ecological Services) for further coordination under the Endangered Species Act.**

Invasive exotic species are a significant issue for fish, wildlife and agriculture in Missouri. Seeds, eggs, and larvae may be moved to new sites on boats or construction equipment. Please inspect and clean equipment thoroughly before moving between project sites. See <http://mdc.mo.gov/9633> for more information.

- Remove any mud, soil, trash, plants or animals from equipment before leaving any water body or work area.
- Drain water from boats and machinery that have operated in water, checking motor cavities, live-well, bilge and transom wells, tracks, buckets, and any other water reservoirs.
- When possible, wash and rinse equipment thoroughly with hard spray or HOT water (?140° F, typically available at do-it-yourself car wash sites), and dry in the hot sun before using again.

Streams and Wetlands – Clean Water Act Permits: Streams and wetlands in the project area should be protected from activities that degrade habitat conditions. For example, soil erosion, water pollution, placement of fill, dredging, in-stream activities, and riparian corridor removal, can modify or diminish aquatic habitats. Streams and wetlands may be protected under the Clean Water Act and require a permit for any activities that result in fill or other modifications to the site. Conditions provided within the U.S. Army Corps of Engineers (USACE) Clean Water Act Section 404 permit (<http://www.nwk.usace.army.mil/Missions/RegulatoryBranch.aspx>) and the Missouri Department of Natural Resources (DNR) issued Clean Water Act Section 401 Water Quality Certification (<http://dnr.mo.gov/env/wpp/401/index.html>), if required, should help minimize impacts to the aquatic organisms and aquatic habitat within the area. Depending on your project type, additional permits may be required by the Missouri Department of Natural Resources, such as permits for stormwater, wastewater treatment facilities, and confined animal feeding operations. Visit <http://dnr.mo.gov/env/wpp/permits/index.html> for more information on DNR permits. Visit both the USACE and DNR for more information on Clean Water Act permitting.

For further coordination with the Missouri Department of Conservation and the U.S. Fish and Wildlife Services, please see the contact information below.

MDC Natural Heritage Review
Resource Science Division
P.O. Box 180
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65102-0180
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Ecological Service
101 Park Deville Drive
Suite A
Columbia, MO
65203-0007
Phone: 573-234-2132

Miscellaneous Information

FEDERAL Concerns are species/habitats protected under the Federal Endangered Species Act and that have been known near enough to the project site to warrant consideration. For these, project managers must contact the U.S. Fish and Wildlife Service Ecological Services (101 Park Deville Drive Suite A, Columbia, Missouri 65203-0007; Phone 573-234-2132; Fax 573-234-2181) for consultation.

STATE Concerns are species/habitats known to exist near enough to the project site to warrant concern and that are protected under the Wildlife Code of Missouri (RSMo 3 CSR 1 0). "State Endangered Status" is determined by the Missouri Conservation Commission under constitutional authority, with requirements expressed in the Missouri Wildlife Code, rule 3CSR 1 0-4.111. Species tracked by the Natural Heritage Program have a "State Rank" which is a numeric rank of relative rarity. Species tracked by this program and all native Missouri wildlife are protected under rule 3CSR 10-4.110 General Provisions of the Wildlife Code.

Additional information on Missouri's sensitive species may be found at <http://mdc.mo.gov/discover-nature/field-guide/endangered-species>. Detailed information about the animals and some plants mentioned may be accessed at http://mdc4.mdc.mo.gov/applications/mofwis/mofwis_search1.aspx. If you would like printed copies of best management practices cited as internet URLs, please contact the Missouri Department of Conservation.

[Home](#) > [Your Property](#) > [Responsible Construction](#) > [Missouri Natural Heritage Program](#) >



MISSOURI NATURAL HERITAGE PROGRAM

Heritage Results for St Charles County

Name	State Rank	Global Rank	State Status	Federal Status
Dry chert woodland	Apparently secure Code: S4	Not ranked Code: GNR		
Dry-mesic chert forest	Apparently secure Code: S4	Not ranked Code: GNR		
Dry-mesic chert woodland	Apparently secure Code: S4	Not ranked Code: GNR		
Dry-mesic limestone/dolomite forest	Vulnerable Code: S3	Not ranked Code: GNR		
Dry-mesic loess/glacial till forest	Vulnerable Code: S3	Not ranked Code: GNR		
Marsh	Imperiled Code: S2	Not ranked Code: GNR		
Mesic bottomland forest	Imperiled Code: S2	Not ranked Code: GNR		
Mesic loess/glacial till forest	Vulnerable Code: S3	Not ranked Code: GNR		
Riverfront forest	Apparently secure Code: S4	Not ranked Code: GNR		
Shrub swamp	Imperiled Code: S2	Not ranked Code: GNR		
Wet bottomland prairie	Critically imperiled Code: S1	Not ranked Code: GNR		
Wet-mesic bottomland forest	Imperiled Code: S2	Not ranked Code: GNR		
Wet-mesic bottomland prairie	Critically imperiled Code: S1	Not ranked Code: GNR		

Name	State Rank	Name	State Rank
A Barnyard Grass <i>Echinochloa walteri</i>	Critically imperiled Code: S1	Secure Code: G5	
A Blazing Star <i>Liatris scariosa</i> var. <i>nieuwlandii</i>	Imperiled Code: S2	Secure Inexact numeric rank Taxonomic subdivision: Vulnerable Taxonomic subdivision: Code: G5?T3T	
Alligator Gar <i>Atractosteus spatula</i> More Alligator Gar information	Critically imperiled Code: S1	Vulnerable Apparently secure Code: G3G4	
American Badger <i>Taxidea taxus</i> More American Badger information	Vulnerable Code: S3	Secure Code: G5	
American Bittern <i>Botaurus lentiginosus</i> More American Bittern information	Critically imperiled Code: S1	Secure Code: G5	Endangered Code: E
American Eel <i>Anguilla rostrata</i> More American Eel information	Unrankable Code: SU	Apparently secure Code: G4	
Bald Eagle <i>Haliaeetus leucocephalus</i> More Bald Eagle information	Vulnerable Code: S3	Secure Code: G5	
Barn Owl <i>Tyto alba</i> More Barn Owl information	Vulnerable Code: S3	Secure Code: G5	
Bergia <i>Bergia texana</i>	Imperiled Code: S2	Secure Code: G5	
Blanding's Turtle <i>Emydoidea blandingii</i> More Blanding's Turtle information	Critically imperiled Code: S1	Apparently secure Code: G4	Endangered Code: E
Brown Bullhead <i>Ameiurus nebulosus</i> More Brown Bullhead information	Vulnerable Unranked Code: S3?	Secure Code: G5	
Central Mudminnow <i>Umbra limi</i>		Secure Code: G5	Endangered Code: E

Name	State Rank	Name	State Rank	State Rank	State Rank
More Central Mudminnow information	Critically imperiled Code: S1				
Columbia Water-meal <i>Wolffia columbiana</i>	Unrankable Code: SU	Secure Code: G5			
Common Gallinule <i>Gallinula galeata</i> More Common Gallinule information	Imperiled Code: S2	Secure Code: G5			
Decurrent False Aster <i>Boltonia decurrens</i> More Decurrent False Aster information	Critically imperiled Code: S1	Imperiled Vulnerable Code: G2G3	Endangered Code: E	Threatened Code: T	
Dense-flower Smartweed <i>Persicaria glabra</i>	Critically imperiled Imperiled Code: S1S2	Secure Code: G5			
Duke's Skipper <i>Euphyes dukesi</i>	Critically imperiled Code: S1	Vulnerable Code: G3			
Eastern Foxsnake <i>Pantherophis vulpinus</i>	Critically imperiled Code: S1	Secure Code: G5			
EbonysheIl <i>Reginaia ebenus</i> More EbonysheIl information	Critically imperiled Code: S1	Apparently secure Secure Code: G4G5	Endangered Code: E		
Flathead Chub <i>Platygobio gracilis</i> More Flathead Chub information	Critically imperiled Code: S1	Secure Code: G5	Endangered Code: E		
Ghost Shiner <i>Notropis buchanani</i> More Ghost Shiner information	Imperiled Code: S2	Secure Code: G5			
Hickorynut <i>Obovaria olivaria</i>	Vulnerable Code: S3	Apparently secure Code: G4			
Highfin Carpsucker <i>Carpionodes velifer</i> More Highfin Carpsucker information	Imperiled Code: S2	Apparently secure Secure Code: G4G5			
Indiana Myotis <i>Myotis sodalis</i> More Indiana Myotis information	Critically imperiled Code: S1	Imperiled Code: G2	Endangered Code: E	Endangered Code: E	

Name	State Rank	Name	State Rank	State Rank
Interior Least Tern <i>Sterna antillarum athalassos</i> More Interior Least Tern information	Critically imperiled Code: S1	Apparently secure Taxonomic subdivision: Imperiled Questionable taxonomy Code: G4T2Q	Endangered Code: E	Endangered Code: E
King Rail <i>Rallus elegans</i> More King Rail information	Critically imperiled Code: S1	Apparently secure Code: G4	Endangered Code: E	
Lake Sturgeon <i>Acipenser fulvescens</i> More Lake Sturgeon information	Critically imperiled Code: S1	Vulnerable Apparently secure Code: G3G4	Endangered Code: E	
Least Bittern <i>Ixobrychus exilis</i> More Least Bittern information	Vulnerable Code: S3	Secure Code: G5		
Long-tailed Weasel <i>Mustela frenata</i> More Long-tailed Weasel information	Vulnerable Code: S3	Secure Code: G5		
Longtail Tadpole Shrimp <i>Triops longicaudatus</i>	Unrankable Code: SU	Secure Code: G5		
Mississippi Silvery Minnow <i>Hybognathus nuchalis</i> More Mississippi Silvery Minnow information	Vulnerable Apparently secure Code: S3S4	Secure Code: G5		
Northern Long-eared Myotis <i>Myotis septentrionalis</i> More Northern Long-eared Myotis information	Critically imperiled Code: S1	Critically imperiled Imperiled Code: G1G2	Endangered Code: E	Threatened Code: T
Pallid Sturgeon <i>Scaphirhynchus albus</i> More Pallid Sturgeon information	Critically imperiled Code: S1	Imperiled Code: G2	Endangered Code: E	Endangered Code: E
Peregrine Falcon <i>Falco peregrinus</i> More Peregrine Falcon information	Critically imperiled Code: S1	Apparently secure Code: G4	Endangered Code: E	
Plains Minnow <i>Hybognathus placitus</i> More Plains Minnow information	Imperiled Code: S2	Apparently secure Code: G4		

Name	State Rank	Name	State Rank
Ringed Salamander <i>Ambystoma annulatum</i> More Ringed Salamander information	Vulnerable Code: S3	Apparently secure Code: G4	
River Darter <i>Percina shumardi</i> More River Darter information	Vulnerable Code: S3	Secure Code: G5	
Rock Pocketbook <i>Arcidens confragosus</i>	Vulnerable Code: S3	Apparently secure Code: G4	
Rocky Mountain Bulrush <i>Schoenoplectiella saximontana</i>	Critically imperiled Code: S1	Secure Code: G5	
Rose Turtlehead <i>Chelone obliqua</i>	Imperiled Code: S2	Apparently secure Code: G4	
Schweinitz's Flatsedge <i>Cyperus schweinitzii</i>	Vulnerable Code: S3	Secure Code: G5	
Short-eared Owl <i>Asio flammeus</i> More Short-eared Owl information	Imperiled Code: S2	Secure Code: G5	
Skipjack Herring <i>Alosa chrysochloris</i> More Skipjack Herring information	Unrankable Code: SU	Secure Code: G5	
Small Pocket Moss <i>Fissidens exilis</i>	Imperiled Code: S2	Vulnerable Apparently secure Code: G3G4	
Star Duckweed <i>Lemna trisulca</i>	Imperiled Code: S2	Secure Code: G5	
Sturgeon Chub <i>Macrhybopsis gelida</i> More Sturgeon Chub information	Vulnerable Code: S3	Vulnerable Code: G3	
Thread-like Naiad <i>Najas gracillima</i>	Imperiled Code: S2	Secure Inexact numeric rank Code: G5?	
Wartyback <i>Cyclonaias nodulata</i>	Vulnerable Code: S3	Apparently secure Code: G4	
Western Sand Darter <i>Ammocrypta clara</i> More Western Sand Darter information	Imperiled Vulnerable Code: S2S3	Vulnerable Code: G3	

Name	State Rank	Name	State Rank
Western Silvery Minnow <i>Hybognathus argyritis</i> More Western Silvery Minnow information	Imperiled Code: S2	Apparently secure Code: G4	
Wood Frog <i>Lithobates sylvaticus</i> More Wood Frog information	Vulnerable Code: S3	Secure Code: G5	

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MISSION & VISION

We protect and manage the fish, forest, and wildlife of the state. We facilitate and provide opportunity for all citizens to use, enjoy, and learn about these resources.

- [ACCESSIBILITY](#)
- [PRIVACY POLICY](#)
- [TERMS OF USE](#)
- [STATE OF MISSOURI](#)

Appendix F

EJSCREEN

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Location: User-specified polygonal location
 Ring (buffer): -mile radius
 Description: Route N

Summary	Census 2010
Population	8,661
Population Density (per sq. mile)	883
Minority Population	885
% Minority	10%
Households	2,975
Housing Units	3,149
Land Area (sq. miles)	9.81
% Land Area	100%
Water Area (sq. miles)	0.01
% Water Area	0%

Population by Race	Number	Percent
Total	8,661	-----
Population Reporting One Race	8,528	98%
White	7,932	92%
Black	337	4%
American Indian	20	0%
Asian	130	2%
Pacific Islander	1	0%
Some Other Race	109	1%
Population Reporting Two or More Races	133	2%
Total Hispanic Population	272	3%
Total Non-Hispanic Population	8,389	97%
White Alone	7,776	90%
Black Alone	335	4%
American Indian Alone	19	0%
Non-Hispanic Asian Alone	129	1%
Pacific Islander Alone	1	0%
Other Race Alone	12	0%
Two or More Races Alone	117	1%

Population by Sex	Number	Percent
Male	4,280	49%
Female	4,381	51%

Population by Age	Number	Percent
Age 0-4	851	10%
Age 0-17	2,716	31%
Age 18+	5,945	69%
Age 65+	633	7%

Households by Tenure	Number	Percent
Total	2,975	
Owner Occupied	2,708	91%
Renter Occupied	267	9%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

Source: U.S. Census Bureau, Census 2010 Summary File 1.



Location: Blockgroup: 291833121921,291833122061,291833120971,291833121931,291833122062,291833122051,291833119081
 Ring (buffer): 0-mile radius
 Description:

Summary of ACS Estimates		2012 - 2016
Population		36,888
Population Density (per sq. mile)		419
Minority Population		2,948
% Minority		8%
Households		12,234
Housing Units		12,792
Housing Units Built Before 1950		319
Per Capita Income		34,908
Land Area (sq. miles) (Source: SF1)		88.14
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.24
% Water Area		0%

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	36,888	100%	551
Population Reporting One Race	36,298	98%	1,116
White	34,883	95%	544
Black	946	3%	234
American Indian	12	0%	18
Asian	271	1%	92
Pacific Islander	0	0%	15
Some Other Race	186	1%	213
Population Reporting Two or More Races	590	2%	141
Total Hispanic Population	1,255	3%	265
Total Non-Hispanic Population	35,633		
White Alone	33,940	92%	543
Black Alone	946	3%	234
American Indian Alone	0	0%	15
Non-Hispanic Asian Alone	271	1%	92
Pacific Islander Alone	0	0%	15
Other Race Alone	0	0%	15
Two or More Races Alone	476	1%	139
Population by Sex			
Male	18,725	51%	395
Female	18,163	49%	396
Population by Age			
Age 0-4	2,730	7%	221
Age 0-17	11,186	30%	459
Age 18+	25,702	70%	516
Age 65+	3,647	10%	208

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.



Location: Blockgroup: 291833121921,291833122061,291833120971,291833121931,291833122062,291833122051,291833119081
 Ring (buffer): 0-mile radius
 Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	23,150	100%	313
Less than 9th Grade	320	1%	74
9th - 12th Grade, No Diploma	907	4%	119
High School Graduate	6,348	27%	312
Some College, No Degree	7,460	32%	310
Associate Degree	2,117	9%	151
Bachelor's Degree or more	8,115	35%	329
Population Age 5+ Years by Ability to Speak English			
Total	34,158	100%	595
Speak only English	32,546	95%	561
Non-English at Home ¹⁺²⁺³⁺⁴	1,612	5%	284
¹ Speak English "very well"	1,297	4%	252
² Speak English "well"	125	0%	41
³ Speak English "not well"	190	1%	95
⁴ Speak English "not at all"	0	0%	15
³⁺⁴ Speak English "less than well"	190	1%	95
²⁺³⁺⁴ Speak English "less than very well"	315	1%	95
Linguistically Isolated Households*			
Total	22	100%	35
Speak Spanish	22	100%	33
Speak Other Indo-European Languages	0	0%	15
Speak Asian-Pacific Island Languages	0	0%	15
Speak Other Languages	0	0%	15
Households by Household Income			
Household Income Base	12,234	100%	189
< \$15,000	554	5%	132
\$15,000 - \$25,000	529	4%	85
\$25,000 - \$50,000	1,750	14%	170
\$50,000 - \$75,000	2,516	21%	184
\$75,000 +	6,885	56%	291
Occupied Housing Units by Tenure			
Total	12,234	100%	189
Owner Occupied	11,197	92%	216
Renter Occupied	1,037	8%	113
Employed Population Age 16+ Years			
Total	26,994	100%	389
In Labor Force	19,846	74%	432
Civilian Unemployed in Labor Force	808	3%	124
Not In Labor Force	7,148	26%	303

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: Blockgroup: 291833121921,291833122061,291833120971,291833121931,291833122062,291833122051,291833119081

Ring (buffer): 0-mile radius

Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

*Population by Language Spoken at Home is available at the census tract summary level and up.



Location: User-specified polygonal location
 Ring (buffer): -mile radius
 Description: Route N

Summary of ACS Estimates		2012 - 2016
Population		11,277
Population Density (per sq. mile)		1,149
Minority Population		1,035
% Minority		9%
Households		3,650
Housing Units		3,780
Housing Units Built Before 1950		58
Per Capita Income		34,908
Land Area (sq. miles) (Source: SF1)		9.81
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.01
% Water Area		0%

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	11,277	100%	551
Population Reporting One Race	11,062	98%	1,116
White	10,555	94%	544
Black	323	3%	234
American Indian	4	0%	18
Asian	73	1%	92
Pacific Islander	0	0%	15
Some Other Race	108	1%	213
Population Reporting Two or More Races	215	2%	141
Total Hispanic Population	453	4%	265
Total Non-Hispanic Population	10,824		
White Alone	10,242	91%	543
Black Alone	323	3%	234
American Indian Alone	0	0%	15
Non-Hispanic Asian Alone	73	1%	92
Pacific Islander Alone	0	0%	15
Other Race Alone	0	0%	15
Two or More Races Alone	186	2%	139
Population by Sex			
Male	5,688	50%	395
Female	5,589	50%	396
Population by Age			
Age 0-4	885	8%	221
Age 0-17	3,630	32%	459
Age 18+	7,647	68%	516
Age 65+	953	8%	208

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016 .



Location: User-specified polygonal location
 Ring (buffer): -mile radius
 Description: Route N

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	6,896	100%	313
Less than 9th Grade	81	1%	74
9th - 12th Grade, No Diploma	252	4%	119
High School Graduate	1,743	25%	312
Some College, No Degree	2,248	33%	310
Associate Degree	616	9%	151
Bachelor's Degree or more	2,573	37%	329
Population Age 5+ Years by Ability to Speak English			
Total	10,392	100%	595
Speak only English	9,781	94%	561
Non-English at Home ¹⁺²⁺³⁺⁴	610	6%	284
¹ Speak English "very well"	492	5%	252
² Speak English "well"	35	0%	41
³ Speak English "not well"	83	1%	95
⁴ Speak English "not at all"	0	0%	15
³⁺⁴ Speak English "less than well"	83	1%	95
²⁺³⁺⁴ Speak English "less than very well"	118	1%	95
Linguistically Isolated Households*			
Total	14	100%	35
Speak Spanish	14	100%	33
Speak Other Indo-European Languages	0	0%	15
Speak Asian-Pacific Island Languages	0	0%	15
Speak Other Languages	0	0%	15
Households by Household Income			
Household Income Base	3,650	100%	189
< \$15,000	172	5%	132
\$15,000 - \$25,000	171	5%	85
\$25,000 - \$50,000	530	15%	170
\$50,000 - \$75,000	778	21%	184
\$75,000 +	2,000	55%	291
Occupied Housing Units by Tenure			
Total	3,650	100%	189
Owner Occupied	3,296	90%	216
Renter Occupied	354	10%	113
Employed Population Age 16+ Years			
Total	8,054	100%	389
In Labor Force	6,011	75%	432
Civilian Unemployed in Labor Force	282	3%	124
Not In Labor Force	2,042	25%	303

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.



Location: User-specified polygonal location

Ring (buffer): -mile radius

Description: Route N

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

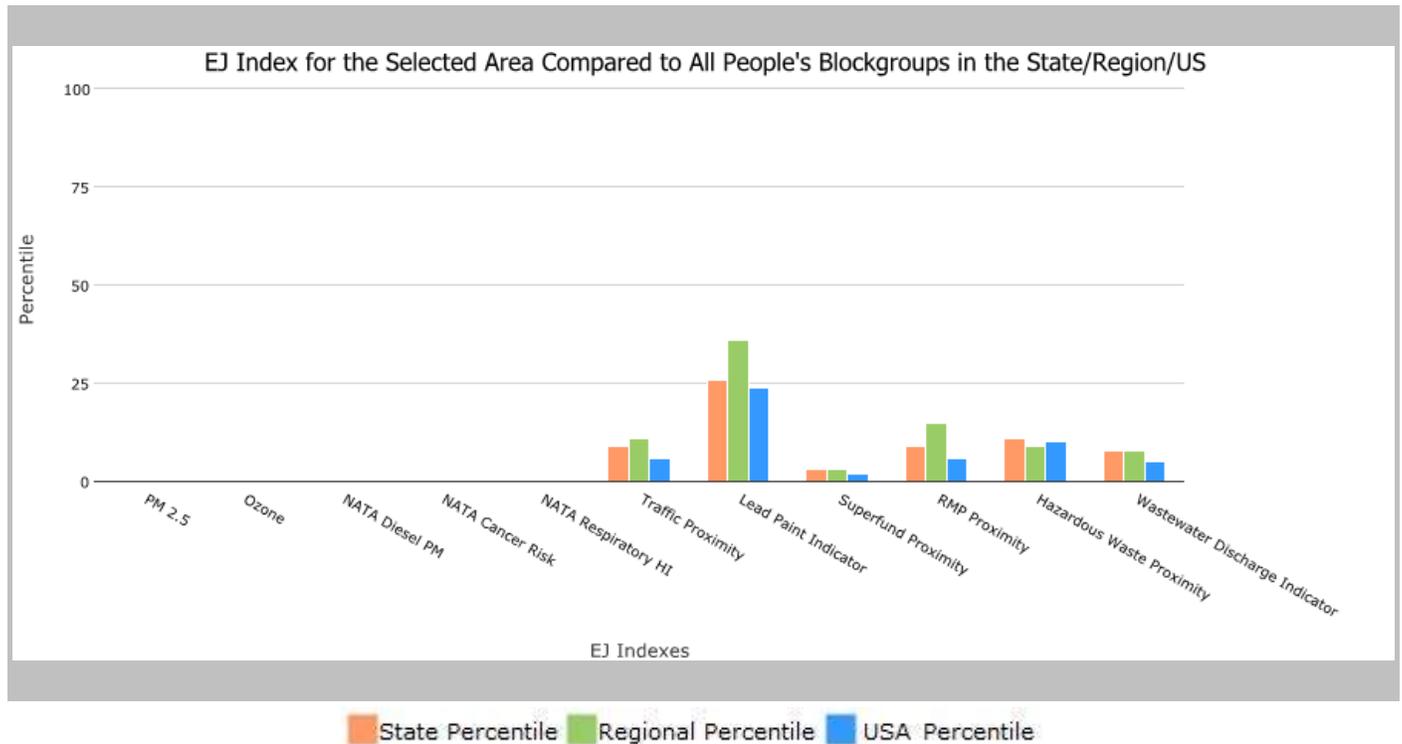
*Population by Language Spoken at Home is available at the census tract summary level and up.

1921,291833122061,291833120971,291833121931,291833122062,291833122051,291833119081, MI

Approximate Population: 36,888

Input Area (sq. miles): 88.38

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	0	0	0
EJ Index for Ozone	0	0	0
EJ Index for NATA* Diesel PM	0	0	0
EJ Index for NATA* Air Toxics Cancer Risk	0	0	0
EJ Index for NATA* Respiratory Hazard Index	0	0	0
EJ Index for Traffic Proximity and Volume	9	11	6
EJ Index for Lead Paint Indicator	26	36	24
EJ Index for Superfund Proximity	3	3	2
EJ Index for RMP Proximity	9	15	6
EJ Index for Hazardous Waste Proximity	11	9	10
EJ Index for Wastewater Discharge Indicator	8	8	5

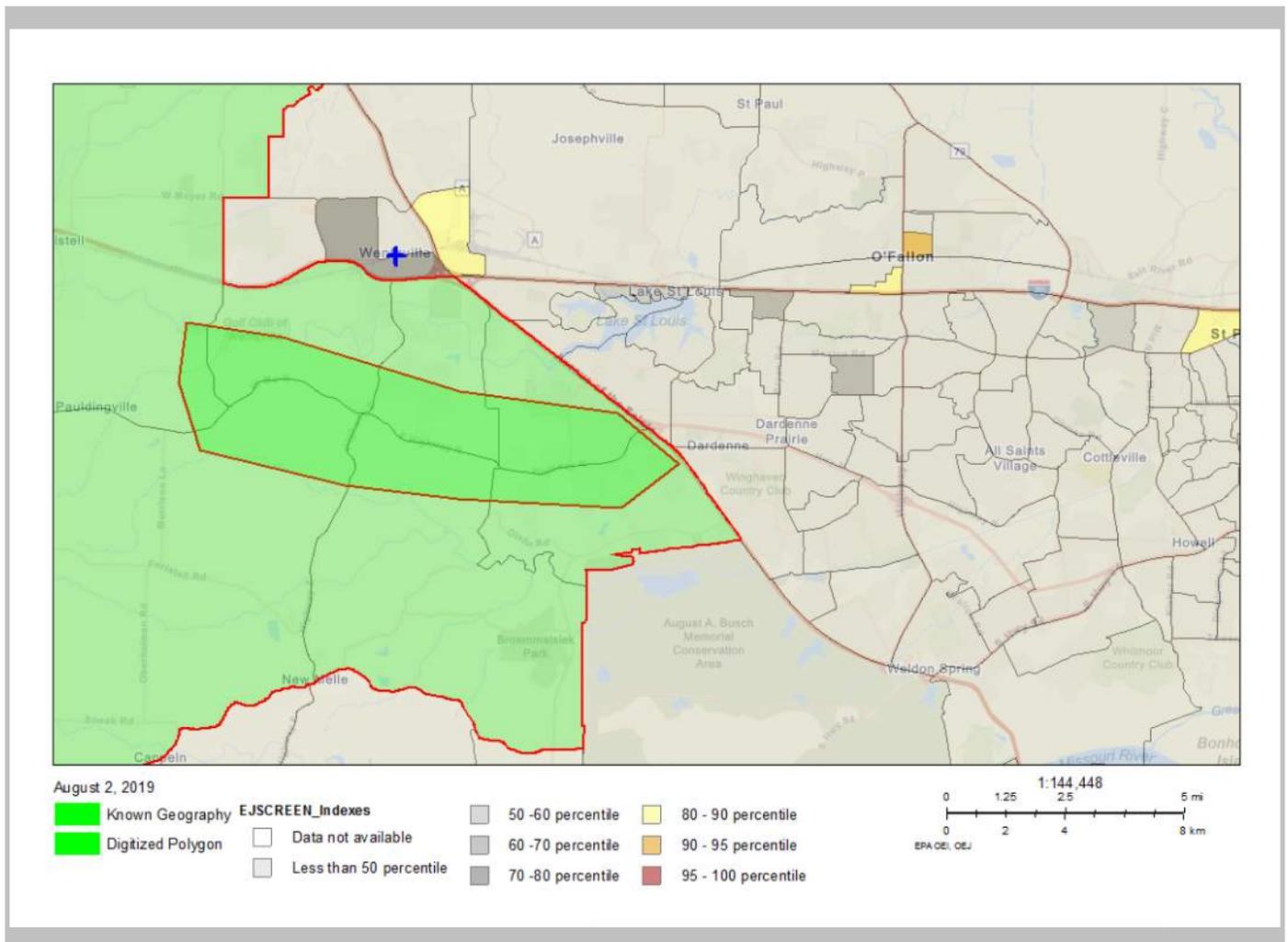


This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

333121921,291833122061,291833120971,291833121931,291833122062,291833122051,291833119081, MISSOU

Approximate Population: 36,888

Input Area (sq. miles): 88.38



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

333121921,291833122061,291833120971,291833121931,291833122062,291833122051,291833119081, MISSOU

Approximate Population: 36,888

Input Area (sq. miles): 88.38

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	10.6	10.1	67	9.45	85	9.53	72
Ozone (ppb)	43.3	43.2	47	42.8	58	42.5	58
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	0.918	0.953	54	0.78	60-70th	0.938	60-70th
NATA* Cancer Risk (lifetime risk per million)	43	43	53	38	70-80th	40	60-70th
NATA* Respiratory Hazard Index	2	1.7	66	1.5	80-90th	1.8	60-70th
Traffic Proximity and Volume (daily traffic count/distance to road)	88	270	55	490	56	600	49
Lead Paint Indicator (% Pre-1960 Housing)	0.039	0.3	19	0.35	17	0.29	24
Superfund Proximity (site count/km distance)	0.073	0.087	60	0.091	67	0.12	62
RMP Proximity (facility count/km distance)	0.19	0.61	46	0.92	30	0.72	38
Hazardous Waste Proximity (facility count/km distance)	0.22	1	47	0.82	47	4.3	38
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.007	4.7	75	2.4	74	30	78
Demographic Indicators							
Demographic Index	11%	27%	14	26%	17	36%	10
Minority Population	8%	20%	41	19%	39	38%	19
Low Income Population	15%	35%	17	32%	19	34%	21
Linguistically Isolated Population	0%	1%	71	2%	65	4%	44
Population With Less Than High School Education	5%	11%	28	10%	35	13%	29
Population Under 5 years of age	7%	6%	68	6%	65	6%	66
Population over 64 years of age	10%	15%	24	15%	26	14%	33

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

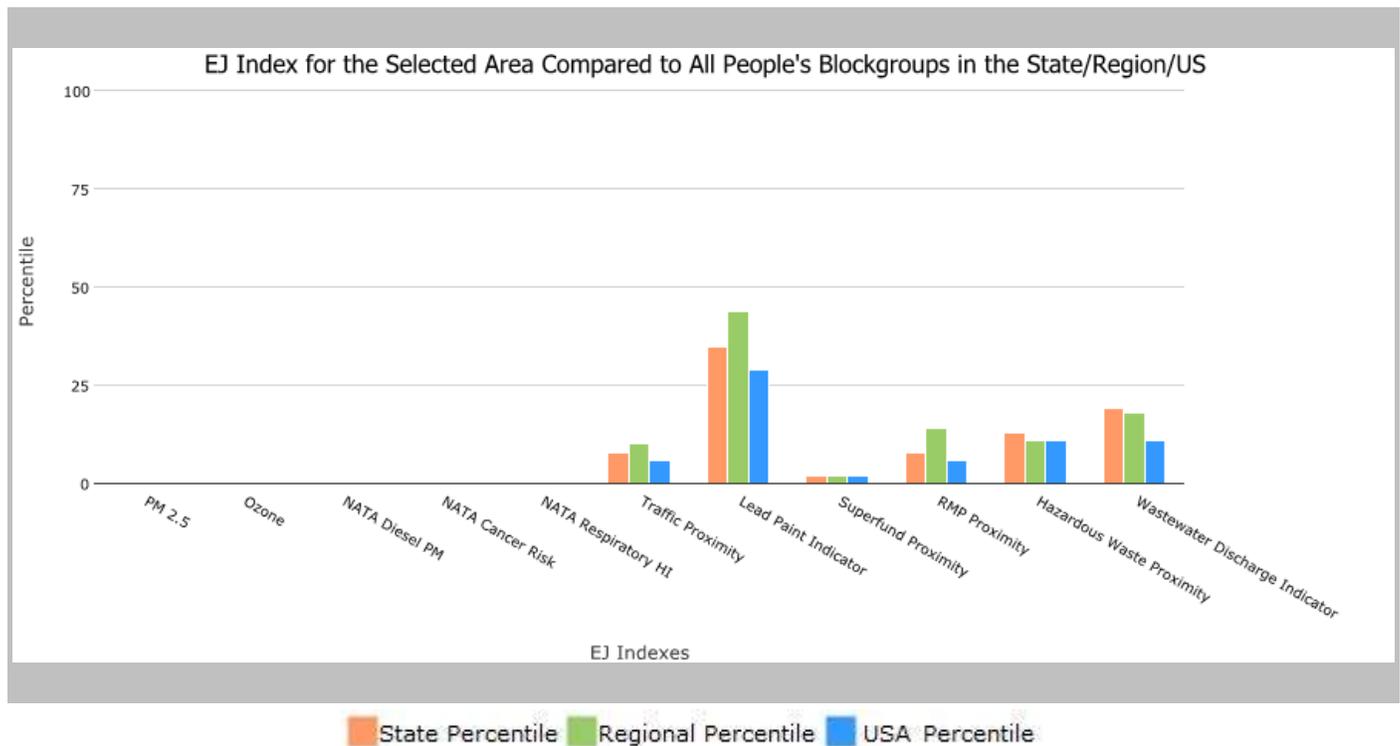
the User Specified Area, MISSOURI, EPA Region 7

Approximate Population: 11,277

Input Area (sq. miles): 13.36

Route N

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	0	0	0
EJ Index for Ozone	0	0	0
EJ Index for NATA* Diesel PM	0	0	0
EJ Index for NATA* Air Toxics Cancer Risk	0	0	0
EJ Index for NATA* Respiratory Hazard Index	0	0	0
EJ Index for Traffic Proximity and Volume	8	10	6
EJ Index for Lead Paint Indicator	35	44	29
EJ Index for Superfund Proximity	2	2	2
EJ Index for RMP Proximity	8	14	6
EJ Index for Hazardous Waste Proximity	13	11	11
EJ Index for Wastewater Discharge Indicator	19	18	11



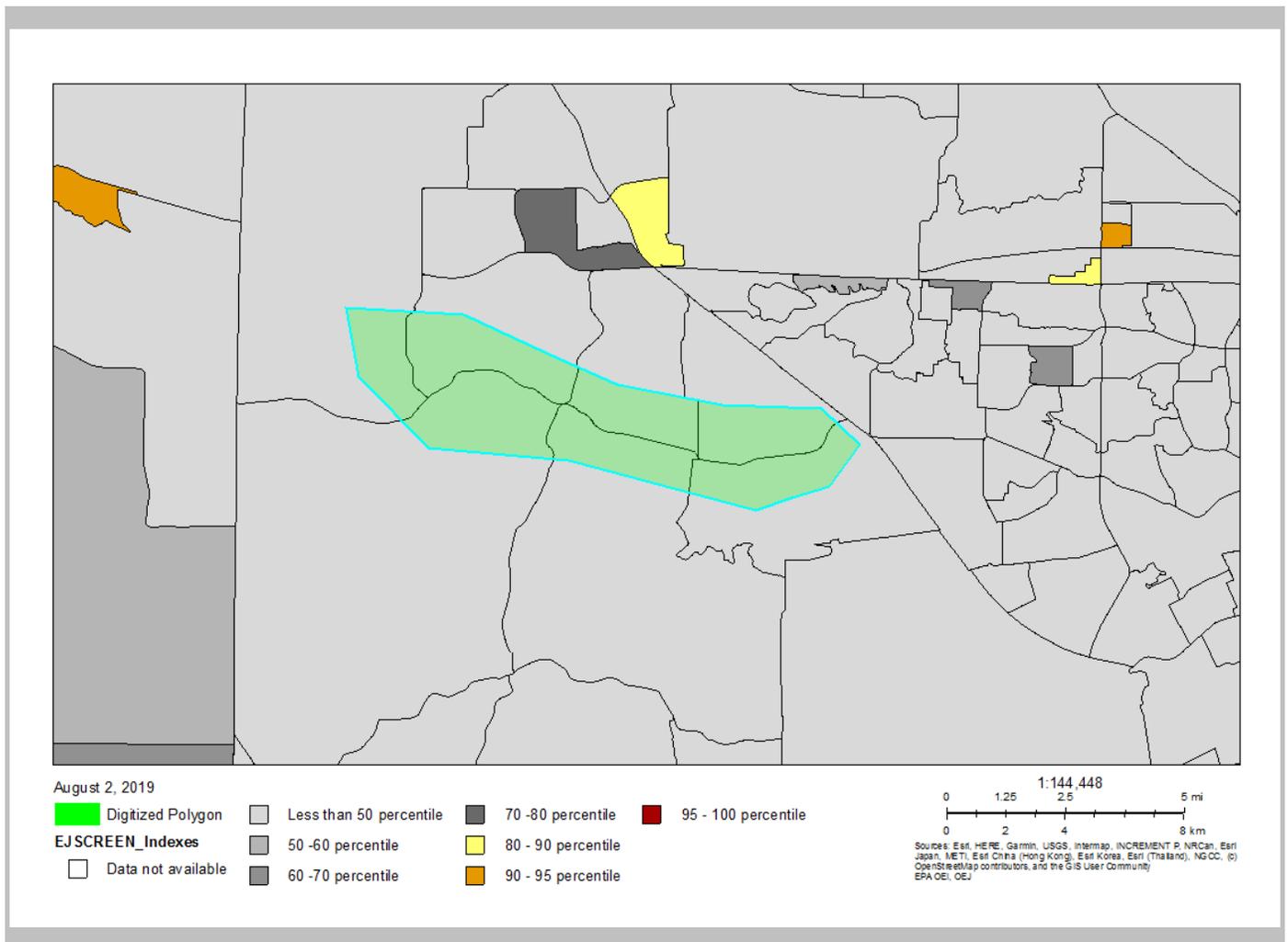
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the User Specified Area, MISSOURI, EPA Region 7

Approximate Population: 11,277

Input Area (sq. miles): 13.36

Route N



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJSCREEN Report (Version 2018)

the User Specified Area, MISSOURI, EPA Region 7

Approximate Population: 11,277

Input Area (sq. miles): 13.36

Route N

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	10.7	10.1	67	9.45	86	9.53	73
Ozone (ppb)	43.4	43.2	52	42.8	62	42.5	60
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	1.01	0.953	58	0.78	70-80th	0.938	60-70th
NATA* Cancer Risk (lifetime risk per million)	42	43	49	38	60-70th	40	50-60th
NATA* Respiratory Hazard Index	1.7	1.7	49	1.5	60-70th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	100	270	58	490	59	600	51
Lead Paint Indicator (% Pre-1960 Housing)	0.026	0.3	13	0.35	13	0.29	19
Superfund Proximity (site count/km distance)	0.081	0.087	65	0.091	70	0.12	65
RMP Proximity (facility count/km distance)	0.22	0.61	49	0.92	33	0.72	42
Hazardous Waste Proximity (facility count/km distance)	0.23	1	47	0.82	47	4.3	39
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.00068	4.7	60	2.4	58	30	66
Demographic Indicators							
Demographic Index	13%	27%	19	26%	23	36%	14
Minority Population	9%	20%	44	19%	43	38%	21
Low Income Population	17%	35%	21	32%	24	34%	25
Linguistically Isolated Population	0%	1%	72	2%	66	4%	44
Population With Less Than High School Education	5%	11%	25	10%	32	13%	26
Population Under 5 years of age	8%	6%	72	6%	69	6%	70
Population over 64 years of age	8%	15%	18	15%	20	14%	25

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

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Appendix G

Farmland Protection Policy Act

Coordination Package

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**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)	3. Date of Land Evaluation Request	4. Sheet 1 of _____
---------------------------------------------------	------------------------------------	---------------------

1. Name of Project	5. Federal Agency Involved
--------------------	----------------------------

2. Type of Project	6. County and State
--------------------	---------------------

PART II (To be completed by NRCS)	1. Date Request Received by NRCS	2. Person Completing Form
------------------------------------------	----------------------------------	---------------------------

3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input type="checkbox"/> NO <input type="checkbox"/>	4. Acres Irrigated Average Farm Size
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------

5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: _____ %	7. Amount of Farmland As Defined in FPPA Acres: _____ %
------------------	---------------------------------------------------------------	------------------------------------------------------------

8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS
----------------------------------------	-----------------------------------------	-------------------------------------------

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment		
-----------------------------------------------------	-----------------------------------------	--	--

	Improve Existing	Buckner	Near South	
--	------------------	---------	------------	--

A. Total Acres To Be Converted Directly				
-----------------------------------------	--	--	--	--

B. Total Acres To Be Converted Indirectly, Or To Receive Services				
-------------------------------------------------------------------	--	--	--	--

C. Total Acres In Corridor				
----------------------------	--	--	--	--

PART IV (To be completed by NRCS) Land Evaluation Information				
----------------------------------------------------------------------	--	--	--	--

A. Total Acres Prime And Unique Farmland				
------------------------------------------	--	--	--	--

B. Total Acres Statewide And Local Important Farmland				
-------------------------------------------------------	--	--	--	--

C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
-------------------------------------------------------------------------	--	--	--	--

D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				
------------------------------------------------------------------------------------	--	--	--	--

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)				
----------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points			
----------------------------------------------------------------------------------------------------------------------------------	----------------	--	--	--

1. Area in Nonurban Use	15			
-------------------------	----	--	--	--

2. Perimeter in Nonurban Use	10			
------------------------------	----	--	--	--

3. Percent Of Corridor Being Farmed	20			
-------------------------------------	----	--	--	--

4. Protection Provided By State And Local Government	20			
------------------------------------------------------	----	--	--	--

5. Size of Present Farm Unit Compared To Average	10			
--------------------------------------------------	----	--	--	--

6. Creation Of Nonfarmable Farmland	25			
-------------------------------------	----	--	--	--

7. Availability Of Farm Support Services	5			
------------------------------------------	---	--	--	--

8. On-Farm Investments	20			
------------------------	----	--	--	--

9. Effects Of Conversion On Farm Support Services	25			
---------------------------------------------------	----	--	--	--

10. Compatibility With Existing Agricultural Use	10			
--------------------------------------------------	----	--	--	--

TOTAL CORRIDOR ASSESSMENT POINTS	160			
----------------------------------	-----	--	--	--

PART VII (To be completed by Federal Agency)				
-----------------------------------------------------	--	--	--	--

Relative Value Of Farmland (From Part V)	100			
------------------------------------------	-----	--	--	--

Total Corridor Assessment (From Part VI above or a local site assessment)	160			
---------------------------------------------------------------------------	-----	--	--	--

TOTAL POINTS (Total of above 2 lines)	260			
----------------------------------------------	------------	--	--	--

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
-----------------------	---------------------------------------------------------	-----------------------	------------------------------------------------------------------------------------------------------

5. Reason For Selection:

Signature of Person Completing this Part:	DATE
-------------------------------------------	------

NOTE: Complete a form for each segment with more than one Alternate Corridor

CORRIDOR - TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor - type site or design alternative for protection as farmland along with the land evaluation information.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?

More than 90 percent - 15 points
90 to 20 percent - 14 to 1 point(s)
Less than 20 percent - 0 points

(2) How much of the perimeter of the site borders on land in nonurban use?

More than 90 percent - 10 points
90 to 20 percent - 9 to 1 point(s)
Less than 20 percent - 0 points

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?

More than 90 percent - 20 points
90 to 20 percent - 19 to 1 point(s)
Less than 20 percent - 0 points

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?

Site is protected - 20 points
Site is not protected - 0 points

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County ?

(Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage or Farm Units in Operation with \$1,000 or more in sales.)

As large or larger - 10 points
Below average - deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?

Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project - 1 to 24 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?

All required services are available - 5 points
Some required services are available - 4 to 1 point(s)
No required services are available - 0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?

High amount of on-farm investment - 20 points
Moderate amount of on-farm investment - 19 to 1 point(s)
No on-farm investment - 0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?

Substantial reduction in demand for support services if the site is converted - 25 points
Some reduction in demand for support services if the site is converted - 1 to 24 point(s)
No significant reduction in demand for support services if the site is converted - 0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?

Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

1

2

Appendix H Preliminary Noise Report

Route N NEPA Study

St. Charles County, Missouri

Job Number: J6S3342

Preliminary Noise Analysis Report



Prepared for:

Missouri Department of Transportation, Lead Agency

August 2019

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Appendices

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Appendix B.....	Validation Data
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Appendix D	TNM Barrier Designs

Acronyms

ANSI	American National Standards Institute
MoDOT	Missouri Department of Transportation
CFR	<i>Code of Federal Regulations</i>
dB	decibel
dBA	A-weighted decibel
DD	doubling of the distance
FHWA	Federal Highway Administration
I-70	Interstate 70
I-75	Interstate 75
IEC	International Electrotechnical Commission
Hz	hertz
km/h	kilometers per hour
L ₁₀	sound level exceeded 10 percent of the time
L _{eq}	hourly equivalent sound level
mph	miles per hour
NAC	noise abatement criteria
SPL	sound pressure levels
T ₂₄	percent of trucks during the 24-hour period
TCE	Temporary Construction Easement
μPa	micro Pascals
μN/m ²	micro Newtons per square meter

A. Executive Summary

This report documents the results of a noise analysis and abatement design as part of the Route N NEPA Study in St. Charles County, Missouri. MoDOT's intent for this study is to investigate a safe and efficient corridor. Route N is identified as a Minor Route in the MoDOT's State System Classification. The growth of St. Charles County has caused an increase in local traffic on Route N. It has also increased the extent that regional traffic uses Route N. The goal of the Route N EA is to investigate how to accommodate those traffic streams. **Figure 1** depicts the study area of the project.

This analysis evaluates the traffic noise impacts associated with the Reasonable Alternatives:

- Alternative IE: Improve Along Existing Corridor (Improve Existing)
- Alternative BR: Improve Corridor Using Buckner Road (Buckner Road)
- Alternative NS: New Alignment to the Near South of the Existing (Near South)

Over 600 modeling sites were established for the project. See **Figure 2**.

The TNM input files were developed using the existing and proposed roadway geometry, surrounding terrain and building zones. Traffic counts, vehicle distribution and speeds were obtained from the design plans. Using the noise monitoring data, the accuracy of the TNM files were validated.

Due to low operating speeds and low traffic volumes very few of the 600 modeling sites would approach or exceed the Noise Abatement Criteria. The noise levels predicted during the existing condition, the future (2045) No-Build and the Reasonable Alternatives are very similar. Based on the modeled traffic noise conditions, the following traffic noise impacts were identified:

- Existing (2019): 3 single family residences
- No-Build (2045): 13 single family residences
- Improve Existing (2045): 11 single family residences
- Buckner (2045): 14 single family residences
- Near South (2045): 10 single family residences

The No-Build condition has the most impacted receptors because the Reasonable Alternatives will result in the displacement of some of the residences closest to the roadway.

For the model receptors that would experience a traffic noise impact, a barrier analysis was conducted. To be recommended for further consideration, a barrier must be both feasible



Figure 1 - Route N Study Area

and reasonable. MoDOT requires at least a 5-dBA insertion loss for a minimum of 2 first-row, impacted receivers for noise abatement to be considered feasible. MoDOT requires that noise barriers not exceed 1,300 square feet per benefitted receptor to be considered reasonable. A minimum reduction of 7 dBA for 100 percent of benefitted, first-row receptors is also required.

Noise conditions were modeled with TNM to determine future conditions. A total of 602 modeling receptors were included in the model.

Traffic noise levels approaching or exceeding the NAC (in 2045) were evaluated for feasibility. Barriers in the vicinity of the Route N/ Route Z intersection were able to achieve the minimum feasibility requirements. This applies to both the Improve Existing and Buckner Alternatives.

Therefore, a barrier optimization process was undertaken. The results of the effort concluded that noise barriers were not reasonable.

Construction noise is not expected to be a substantial issue.

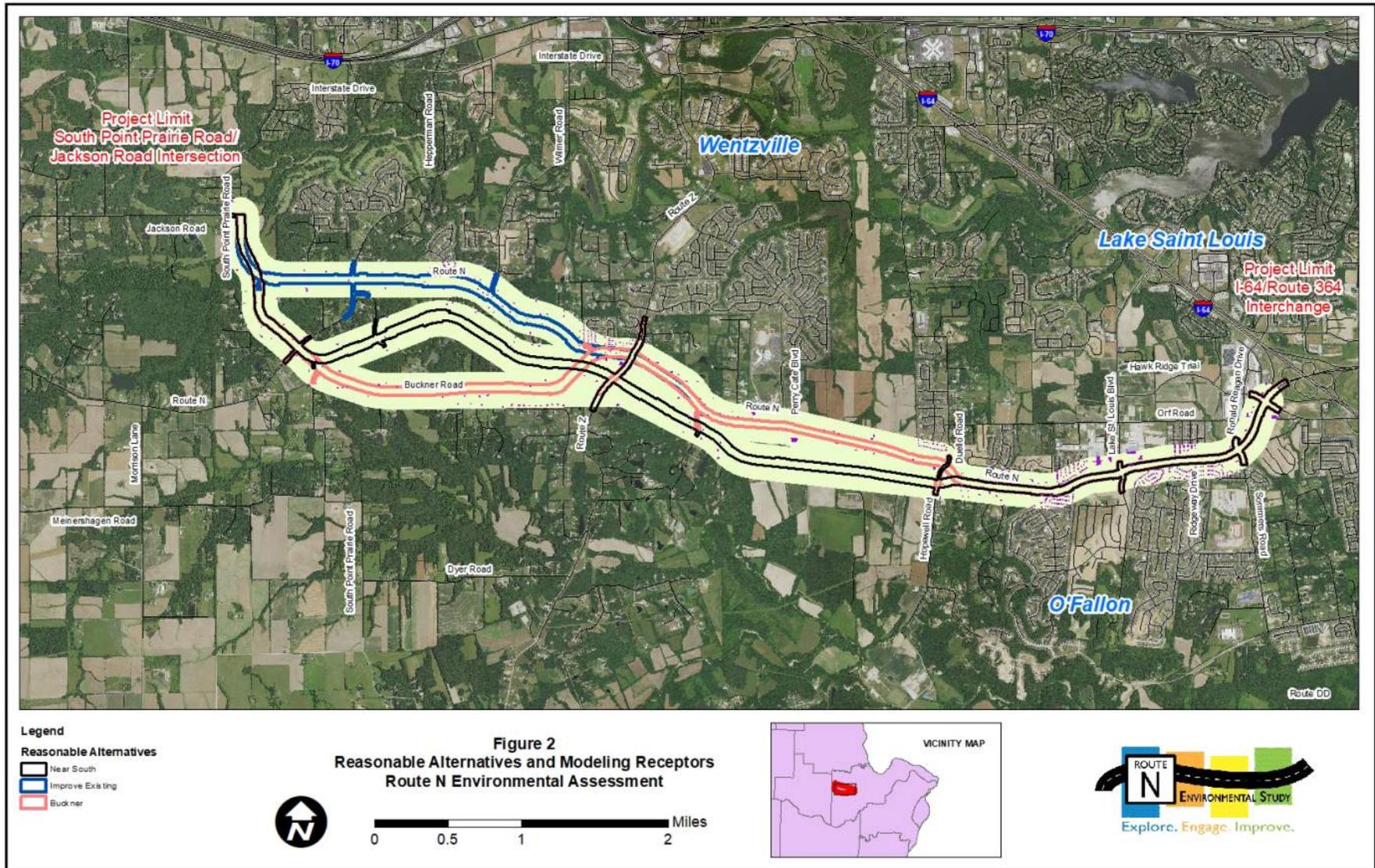
The project's exhibits are shown in **Appendix A**.



Final Noise Barrier Determination

No noise barriers are feasible and reasonable for any of the Reasonable Alternatives.

Figure 2 – Reasonable Alternatives and Modeling Receptors



B. Introduction

The purpose of this Noise Analysis Report (NAR) is to evaluate noise impacts and abatement for the Route N project in St. Charles County, Missouri (see **Figure 1**).

The criteria for evaluating noise impacts that are used in this report are contained in Title 23 of the Code of Federal Regulations (CFR), Part 772 Procedures for Abatement of Highway Traffic Noise and Construction Noise and in the MoDOT Engineering Policy Guide Section 127.13. According to 23 CFR 772.3, all highway projects that are developed in conformance with this regulation are deemed to be in conformance with Federal Highway Administration (FHWA) noise standards. Compliance with 23 CFR 772 provides compliance with the noise impact assessment requirements of the National Environmental Policy Act (NEPA).

The noise analysis included the following tasks:

1. Identification of noise sensitive receptors within 500 feet of the project's Reasonable Alternatives;
2. Determination of existing sound levels at selected receptors to characterize the existing noise environment in the project area;
3. Determination of future sound levels with and without the project at the receptors;
4. Determination of impacted receptors;
5. Evaluation of noise abatement for impacted areas; and
6. Discussion of construction noise.

Over 600 noise sensitive receptors have been identified within 500 feet of the Reasonable Alternatives.

The Reasonable Alternatives, the 500-foot buffers and the modeling receptors are shown on **Figure 2** and in the Exhibits in **Appendix A**.

Table 1 summarizes the results of the noise analysis.

The validation data is contained in **Appendix B**.

The TNM results of the traffic noise analysis are summarized in **Appendix C**.

The TNM barrier designs are contained in **Appendix D**.

TABLE 1
Summary of Impacted Receptors - Reasonable Alternative 2045 Peak-Hour Noise Levels (in dBA)

Alternative	Maximum Noise Level (dBA)	Impacted Receptors	Reasonable/Feasible Mitigation?
Existing (2019)	66.2	3	No
No-Build (2045)	69.9	13	No
Improve Existing (2045)	74.3	11	No
Buckner (2045)	75.1	14	No
Near South (2045)	70.4	10	No

C. Project Description/Purpose and Need

1. Project Description

The Reasonable Alternatives for this project include the following:

Alternative IE: Improve Along Existing Corridor (Improve Existing) - This configuration would improve Route N entirely along its existing alignment; except between Hepperman Road and South Point Prairie Road. Along the majority of the corridor, the improvements would be constructed adjacent to the existing roadway, typically constructing the roadway either to the north, or south, of existing Route N. It is important to note that due to upgrading the alignment to a 45 MPH design speed, it will not be possible to re-use most of the existing Route N pavement. However, it will be able to use portions of the existing Route N R/W. The transition from Route N to South Point Prairie Road will utilize a new alignment starting at Hepperman Road. It will cross Penny Royal Lane just north of 1829 Penny Royal Lane. It will transition to South Point Prairie just north of 1756 South Point Prairie Road.

Alternative BR: Improve Corridor Using Buckner Road (Buckner Road) - This configuration would improve Route N along its existing alignment between the eastern termini and a point roughly 400 feet west of Ebert Lane. From this point, the alignment travels south and connects to Buckner Road. To complete the Route N/Route Z intersection, a connection will be constructed behind the existing Westlake Church of Christ and a Recreational Vehicle Storage Lot. The alignment will utilize an improved version of Buckner Road to South Point Prairie Road.

This connection will remove the existing right-angle curves on Buckner Road and the sharp turn on South Point Prairie. From this point the alignment will utilize an improved version of South Point Prairie Road north to Jackson Road.

Alternative NS: New Alignment to the Near South of the Existing (Near South) - This configuration would improve Route N along its existing alignment between the eastern termini to approximately the Duello Road/Hopewell Road intersection. From this point, the alignment travels south and roughly parallel to existing Route N (approximately 1,000 to 1,500 feet south of Route N). It then travels north along South Point Prairie Road from the intersection of existing Route N at South Prairie Road to Jackson Road.



Reasonable Alternatives- By the Numbers

- From the eastern termini to Hopewell Road, the Reasonable Alternatives are identical and centered around existing Route N.
- From Hopewell Road to Route Z, Buckner and Improve Existing are nearly identical.
- Near South is off alignment from Hopewell Road to South Point Prairie Road.
- Buckner transitions from Route N at the Route Z intersection to the existing Buckner Road alignment.
- Improve Existing has a short section of off-alignment roadway between Hepperman and South Point Prairie Roads.
- Depending on their approach, all of the alternatives use the existing South Point Prairie Road corridor.

2. Project Purpose and Need

The Purpose (Goal) of the Route N NEPA study is to investigate and identify improvements intended to develop a safe and efficient corridor between the South Point Prairie Road/Jackson Road intersection and the I-64/Route 364 interchange.

Within the context of this purpose, two specific Transportation Problems (Need Elements) have been identified. The specific transportation problems affecting the portion of St. Charles County that includes Route N include:

1. ***Need to Improve Access and Connectivity*** – **The Route N corridor continues to handle higher volumes of traffic desiring access to important study area resources and efficient travel through the corridor.** In this portion of St. Charles County, non-interstate travel between I-64 and I-70 requires using minor collectors or local roads. These roadways do not meet current design standards for the high volumes of traffic using these roads. Roadway curvature (sharp turns) and profile (rolling hills) inhibit mobility and narrow lanes and minimal shoulders offer little margin for error. As traffic volumes continue to increase, providing safe and efficient access to important local resources is a priority. Providing for travel through the project corridor on a roadway that meets modern design standards for the traffic using these roads is also a priority.
2. ***Need to Reduce Congestion and Delays*** - **The number of vehicles on the Route N corridor exceed the capacity of the existing roadway. Congestion and mobility is worsened by the number and spacing of uncontrolled and over capacity intersections and driveways.** Route N was not originally designed and constructed to accommodate the high volumes of traffic currently on the roadway. Congestion and mobility along Route N are worsened by the number and spacing of access points, including numerous intersections and driveways that operate over capacity. Of the 14 main intersections along Route N and Buckner Road, six operate at Level of Service (LOS) F in 2018. Under the No Build scenario, eight of these intersections will operate at LOS F by the design year of 2045. In addition to normal traffic using the roadway, Route N also serves as an unofficial detour route when incidents affect travel on I-70 and/or I-64.

D. Discussion of Noise Modeling

1. Fundamentals of Traffic Noise

Sound pressure can be measured in units of micro Newtons per square meter ($\mu\text{N}/\text{m}^2$) called micro Pascals (μPa). One μPa is approximately one-hundred-billionth of the normal atmospheric pressure. The pressure of a very loud sound may be 200,000,000 μPa , or 10,000,000 times the pressure of the weakest audible sound (20 μPa). Expressing sound levels in terms of μPa would be very cumbersome, however, because of this wide range. For this reason, sound pressure levels (SPL) are described in logarithmic units of ratios of actual sound pressures to a reference pressure squared. These units are called bels, named after Alexander G. Bell. In order to provide a finer resolution, a bel is subdivided into decibels (deci or tenth of a bel), abbreviated dB.

Unless otherwise stated, all sound levels reported are in A-weighted decibels (dBA). A-weighted sound level is defined as the level, in decibels, measured with a sound level meter having the metering characteristics and a frequency weighting specified in the American National Standards Institute Specification for Sound Level Meters, ANSI S 1.4 - 1983. The A-weighting de-emphasizes lower frequency sounds below 1000 hertz (1 kHz) and higher frequency sounds above 4 kHz. It emphasizes sounds between 1 kHz and 4 kHz. A-weighting is the measure most used for traffic and environmental noise throughout the world. Most community noise standards utilize A-weighting, as it provides a high degree of correlation with human annoyance and health effects.

On the dBA scale, changes in noise levels are perceived as follows:

- A 3 dBA change is barely perceptible
- A 5 dBA change is readily perceptible
- A 10 dBA change is perceived as a doubling or halving of noise

The actual impact of noise is not a function of loudness alone. The time of day during which noise occurs and the duration of the noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been used such as L_{10} (level that is exceeded 10 percent of the time), L_{50} (level that is exceeded 50 percent of the time), and L_{dn} (a 24-hr level that weights daytime and nighttime noise levels differently). The noise descriptor used for this study is the L_{eq} .

The L_{eq} is the equivalent steady state sound level which, during a stated period of time, would contain the same acoustical energy as the time-varying sound level during the same period. The $L_{eq}(h)$ is the energy-average of the A-weighted sound levels occurring during a one hour period, in decibels, i.e., a one hour L_{eq} .

From the source to the receptor, noise changes both in level and frequency spectrum. The most obvious is the decrease in noise as the distance from the source increases. The manner in which noise decreases with distance depends on the following important factors:

Geometric spreading from point and line sources

Sounds from a small localized source (approximating a "point" source) radiates uniformly outwards as it travels away from the source in a spherical pattern. The sound level decreases or drops-off at a rate of 6 dBA for each doubling of the distance (6 dBA/DD).

However, highway traffic noise is not a single, stationary point source of sound. The movement of the vehicles makes the source of the sound appear to emanate from a line (line source) rather than a point when viewed over some time interval.

Ground attenuation

Two site types are currently used in traffic noise models:

Hard Sites – These are sites with a reflective surface between the source and the receptor such as parking lots or smooth bodies of water. No excess ground attenuation is assumed for these sites. Therefore, the change in noise levels with distance (drop-off rate) is simply the geometric spreading from the line source, or only 3 dBA/DD (compared to 6dBA/DD for a point source).

Soft Sites – These sites have an absorptive ground surface such as soft dirt, grass or scattered bushes and trees. An excess ground attenuation value of 1.5 dBA/DD is normally assumed. When added to the geometric spreading, this results in an overall drop-off rate of 4.5 dBA/DD for a line source (compared to 7.5 dBA/DD for a point source).

Atmospheric effects and refraction

Research has shown that atmospheric conditions can have a profound effect on noise levels. Shifts in wind speed and direction affect sound levels. Vertical air temperature gradients also affect sound levels. The noise analysis uses neutral conditions in accordance with FHWA requirements.

Shielding by natural and manmade features, noise barriers, diffraction, and reflection

Rigid barriers (such as noise barriers or buildings) have greater capacity for shielding or absorbing sound than do flexible barriers. Generally, for the greatest effect, the surface must be continuous with no gaps or spaces through which the sound can travel. For this reason, a line of trees, even dense trees, is generally not an effective noise barrier, while a solid wall is effective. Generally, barriers need to be extended along the road for a significant distance in order to provide the required amount of noise reduction.

2. Federal and State Policies and Procedures

The criteria for evaluating noise impacts that are used in this report are contained in Title 23 of the *Code of Federal Regulations (CFR)*, Part 772 – *Procedures for Abatement of Highway Traffic Noise and Construction Noise* and MoDOT's noise policy. Engineering Policy Guide (EPG) Section 127.13 Noise outlines the process that MoDOT uses to make decisions on highway traffic noise abatement and to justify the expenditure of public funds in the most cost-effective manner when addressing the total needs of the state's highway system.

The Categories B and C land use activity criterion in these documents applies to residences, churches, schools, recreation areas, and similar uses and is an hourly sound level that approaches or exceeds 67 dBA hourly equivalent sound level (L_{eq}). All of the sensitive receptors associated with this project are Category B or C activities.

Table 2 shows the Noise Abatement Criteria (NAC) used for determining the noise standard for specific land uses. MoDOT considers a traffic noise impact to occur if predicted peak-hour traffic noise levels approach or exceed the NAC. MoDOT defines "approach" as noise levels within 1 dBA of the NAC, or 66 dBA for activity Category B/C.

In addition to the above-described sound level criterion, FHWA and MoDOT consider a traffic noise impact to occur if predicted sound levels "substantially" exceed existing noise levels. MoDOT policy states that a substantial increase occurs when future noise levels exceed existing noise levels by 15 dBA or more.

Table 2 – Noise Abatement Criteria

Activity Category	Activity Criteria ¹		Evaluation Location	Activity Description
	L _{eq(h)}	L _{10(h)}		
A	57	60	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose
B ²	67	70	Exterior	Residential
C	67	70	Exterior	Active sport areas, amphitheatres, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails and trail crossings
D	52	55	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios
E ²	72	75	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F
F	-	-	-	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical) and warehousing
G	-	-	-	Undeveloped lands that are not permitted for development

¹ The L_{eq(h)} and L_{10(h)} Activity Criteria values are for impact determination only, and are not design standards for noise abatement measures.

² Includes undeveloped lands permitted for development for this activity category.

3. Study Methods and Procedures

In this noise analysis report, the existing configuration of Route N and associated roadways are evaluated using onsite traffic noise level measurements and the FHWA Traffic Noise Model (TNM) Version 2.5. TNM is the most recent analytical method for traffic noise evaluation.

The program is based upon reference energy emission levels for automobiles, medium trucks (2 axles), heavy trucks (3 or more axles), buses and motorcycles with consideration given to vehicle volume, speed, roadway configuration, distance to the receptor, and the acoustical characteristics of the site. TNM was developed to predict noise levels for both constant-flow and interrupted-flow traffic conditions. The model enables the user to account for the effects of different pavement types, graded roadways, and attenuation over/through rows of buildings and dense vegetation. TNM enables the user to input terrain elevation lines to account for shielding effects of natural terrain. The model also allows the user to specify various intervening ground types with different sound absorption qualities. The ground types available for use include soft and hard soil, snow-covered ground, water, and pavement.

In this study, traffic noise levels calculated by TNM were validated using onsite traffic noise level measurement data and concurrent traffic counts. Measurements were taken at 7 locations for 15-minutes to obtain a Leq value. Traffic along Route N was counted during the measurement period by auto, medium trucks, and heavy trucks. To model the roadways, receptor and barrier locations and intervening topography within the project area, terrain information and roadway geometry data were obtained from the available construction plans. Measurement data is contained in **Appendix B**. The validation process is described in **Section E.3**.

Traffic data used for the assessment of existing and projected future noise exposure were the project's design traffic. For the purpose of performing this noise analysis, certain assumptions about traffic data were developed:

- Using data from the Route N Traffic Analysis, trucks were assumed to be 10 percent of total traffic. The ratio of Heavy to Medium Trucks is assumed to be 80:20. Cars make up the balance of the traffic stream.
- On Route N, and the other roads in the model, vehicle speeds are assumed to be 45 miles per hour.

E. Impact Assessment

This section will summarize the land uses in the study area, provide the results of in-situ noise monitoring, discuss the model validation and present the prediction of noise impacts associated with the proposed improvements.

1. Existing Land Use/Noise Study Areas

Using the St. Charles County Building GIS database, roughly 600 residences fall within 500 feet of the reasonable alternatives. This includes only the primary structure. The location of the modeling point was assumed to be a short off-set from the building nearest corner. The location of these areas is shown on **Figure 2** and **Exhibit 1**.

2. Measured Traffic Noise Levels

Short-term noise level measurements (15 minutes in duration) were conducted within the project area during August, 2019 in order to determine the existing traffic noise levels and verify the accuracy of the TNM noise model in predicting noise levels in the area. Measurement equipment included a Casella CEL noise monitor. This instrumentation complies with the requirements of the American National Standards Institute (ANSI) and International Electrotechnical Commission (IEC) for Type I (precision) sound-level equipment.

Traffic noise level measurements were conducted at a total of 7 locations. The monitoring locations are representative of the sensitive receptors adjacent to I-70. The purpose of this data collection is primarily for model validation purposes.

Existing measured noise levels adjacent to Route N vary between 59.6 and 81.2 dBA. The results of the noise level measurements are summarized in **Table 3**.

3. Noise Model Validation

The TNM input files for existing conditions were developed using the existing roadway geometry, surrounding terrain and building zones. Measured traffic noise levels, concurrent traffic counts, and observed vehicle speeds obtained during the noise monitoring effort were used to evaluate the accuracy of the TNM program in estimating traffic noise exposure within the project area. **Table 3** is a summary of noise levels obtained during the traffic noise measurements and their comparison to levels predicted by the TNM program. The traffic counts during the noise monitoring are contained in **Appendix B**. The monitoring locations are shown on the Exhibits in **Appendix A**.

From the data in **Table 3**, it is apparent that noise levels predicted by TNM are generally comparable to measured levels. The differences between measured and predicted noise levels are within the 3 dBA range. Therefore, no adjustments to the model would need to be made to estimate existing and future peak-hour traffic noise levels.

TABLE 3
Validation: Comparison of Measured and Predicted Traffic Noise Levels

ID #	Description	Measured Leq (dBA)	Predicted Leq (dBA)	Difference (dBA)
A	Keeven Storage (Buckner Road)	59.6	58.5	-1.1
B	Castlegate Mobile Home Park (Route N/Z)	81.2	80.9	-0.3
C	Ambulance District (Hopewell Road)	71.1	72.1	1.0
D	Sommers Landing (Ridgeway Road)	70.9	70.2	0.7
E	Southern Termini of Hepperman Road	77.1	76.9	-0.2
F	Cemetery on South Point Prairie Road	74.9	72.8	-2.1
G	Route N at Morgan Meadow Drive	75.1	74.4	-0.7

4. Modeled Peak-Hour Noise Levels – Existing (2019)

Existing noise conditions were modeled with TNM to determine baseline conditions. A total of 602 modeling receptors were included in the existing condition model. The location of these areas is shown on **Figure 2** and **Exhibit 1**.

Traffic noise levels approaching or exceeding the NAC are predicted to occur at 3 locations. The existing peak-hour traffic noise levels at these locations are shown in **Table 4**. These receptors are the closest homes to Route N within the Sommers Landing subdivision. These homes are expected to be displaced in association with the construction of any of the Reasonable Alternatives.

The complete existing condition results are presented in **Appendix C**.

TABLE 4
Summary of Existing Peak-Hour Noise Levels (in dBA)

Receptor	Existing Noise Levels (dBA)	Traffic Noise Levels Approaching or Exceeding the NAC?
1 - 100309 - 358 Brairchase Circle	66.1	Yes
2 - 100311 - 356 Brairchase Circle	66.1	Yes
3 - 100378 – 831 Stonewood Bend Drive	66.2	Yes

5. Modeled Peak-Hour Noise Levels – No-Build (2045)

Noise conditions were modeled with TNM to determine future conditions without any improvements. A total of 602 modeling receptors were included in the model. The location of those receptors is shown on **Figure 2**.

Traffic noise levels approaching or exceeding the NAC are predicted to occur at 13 locations. See **Exhibit 1** in **Appendix A**. The 2045 No-Build peak-hour traffic noise levels at these locations are shown in **Table 5**. These receptors are the closest homes to Route N. Many of these homes are

expected to be displaced in association with the construction of any of the Reasonable Alternatives. The increase between 1019 and 2045 is roughly 1 dBA.

The complete existing condition results are presented in **Appendix C**.

TABLE 5
Summary of No-Build 2045 Peak-Hour Noise Levels (in dBA)

Receptor	Existing Noise Levels (dBA)	Traffic Noise Levels Approaching or Exceeding the NAC?
1 - 100309 - 358 Brairchase Circle	66.9	Yes
2 - 100311 - 356 Brairchase Circle	66.7	Yes
3 - 100378 – 831 Stonewood Bend Drive	66.2	Yes
4 - 1143 – 49 Baron Lane	66.5	Yes
5 – 1000001 – 88 W Route N	66.7	Yes
6 - 1000035 -1240 E Route N	66.4	Yes
7 – 1000043 – 9970 Route N	66.3	Yes
8 – 10293 – 1201 Brairchase Drive	69.9	Yes
9 – 10313 – 354 Brairchase Circle	66.2	Yes
10 – 10315 – 352 Brairchase Circle	66.1	Yes
11 – 10317 – 350 Brairchase Circle	66.2	Yes
12 -10319 – 348 - Brairchase Circle	66.0	Yes
13 -7631 – 1001 Providence Pointe Drive	66.1	Yes

6. Modeled Peak-Hour Noise Levels – Reasonable Alternatives (2045)

Future conditions were modeled using the roadway conditions and traffic volumes for the Reasonable Alternatives for the year 2045. Traffic noise levels approaching or exceeding the NAC are predicted to occur:

- Alternative Improve Existing: 11
- Alternative Buckner: 14
- Alternative Near South: 10

The peak-hour traffic noise levels at these locations are shown in **Table 6**. The location of these areas is shown on **Exhibits 1 through 4 (Appendix A)**. The complete future condition results are presented in **Appendix C**. Noise abatement was examined for those areas experiencing a traffic noise impact. See **Section F**.

TABLE 6

Summary of Impacted Receptors - Reasonable Alternative 2045 Peak-Hour Noise Levels (in dBA)

#	Improve Existing	2045 Noise Levels (dBA)	Buckner	2045 Noise Levels (dBA)	Near South	2045 Noise Levels (dBA)
1	1019 – 1002 Providence Pointe	69.3	1047 – 49 Baron lane	67.8	1045 – 223 Destiny Court	70.4
2	1091 – 20 Parapet Drive	66.1	1049 – 66 Baron Lane	66.9	1227 – 9915 E Route N	66.0
3	1155 – 777 E Route N	66.0	1077 – 74 Princess Ln	75.1	1000013 – 350 E Route N	68.4
4	1227 – 9915 E Route N	66.2	1079 – 42 Princess Lane	66.1	1000041 – 9978 E Route N	66.3
5	1000001 - 58 W Route N	68.8	1093 – 39 Catapult Drive	67.0	1000043 – 9970 E Route N	67.5
6	1000013 – 350 W Route N	74.3	1000001–58 W Route N	67.5	1000201 – 1000 Wyndgate Ridge Drive	69.5
7	1000015 – 410 E Route N	71.4	1000013–350 E Route N	74.3	152+90 – 3 Robin Court	66.3
8	1000019 – 588 E Route N	66.1	1000015–410 E Route N	71.2	162+34 – 16 Clear Lake Court	66.7
9	1000043 – 9970 E Route N	66.6	1000019 – 588 E Route N	66.1	152+90 – 3 Robin Court	66.3
10	1000201 – 1000 Wyndgate Ridge	69.4	5031 – 235 Buckner Road	69.2	162+34 – 16 Clear Lake Court	66.7
11	5001 – 1756 S. Point Prairie Road	69.0	1000201 – 1000 Wyndgate Ridge	69.4		
12			1227 – 9915 E Route N	66.0		
13			1000043 – 9970 E Route N	67.5		
14			1155 – 777 E Route N	66.0		

F. Noise Abatement Measures

1. Potential Traffic Noise Abatement Measures

Potential traffic noise abatement measures which may be considered for the project include the following:

- Construction of noise barriers within the proposed right-of-way
- Modifying the proposed horizontal and/or vertical alignment of the roadway
- Acquisition of property to serve as a buffer zone to preempt development that would be adversely impacted by traffic noise
- Modifying speed limits
- Restricting truck traffic
- Noise insulation of public use or non-profit institutional structures, such as churches and public schools.

Of the above mitigation measures, the noise barrier option is usually the most practical, reasonable, and effective choice. Modification of roadway horizontal or vertical alignments for the purpose of noise reduction is typically practical only for new roadway projects. The project is the improvement of an existing facility. Significant changes to the roadway alignment or profile are neither necessary to accomplish the project's purpose and need nor consistent with the existing design. Since the sensitive receptors are already fairly close or adjacent to the highway, acquisition of private property to act as buffer zone would not be practical. Lowering speed limits or restricting truck traffic would be inconsistent with the project purpose. Public use or non-profit institutional structures, where noise insulation is effective, do not exist within the study area.

2. Barrier Analysis – Feasibility

For the receptors that would experience a traffic noise impact, a barrier analysis was conducted. To be recommended for further consideration, a barrier must be both feasible and reasonable. MoDOT requires at least a 5-dBA insertion loss for a minimum of 2 first-row, impacted receivers for noise abatement to be considered feasible.

For reasons of safety (primarily wind load and clear space concerns), a noise wall's height is limited to 20 feet. This criterion alone cannot be used to consider noise abatement unreasonable.

The noise analysis identified the first-row receivers and evaluated if a 20-foot noise barrier could achieve a 5 dBA insertion loss for the impacted first row receivers.

The summary of the feasibility analysis is contained in **Table 7**. Barriers in the vicinity of the Route N/ Route Z intersection were able to achieve the minimum feasibility requirements. The feasible barriers will be examined further, for reasonableness (see **Section F.3**). The barrier designs are contained in **Appendix D**.

TABLE 7
Feasibility Summary for Future Peak-Hour Noise Conditions

Barrier Areas	Improve Existing Alternative	Buckner Alternative	Near South Alternative
	Feasible?	Feasible?	Feasible?
South Point Prairie	No	N/A	N/A
Buckner	N/A	No	N/A
Route Z (N)	Yes	Yes	N/A
Route Z (S)	No	N/A	N/A
Perry Cate (S)	No	No	No
Hopewell	No	No	No
Wyndmere	No	No	No
Wyndgate	No	No	No
<i>N/A = No Traffic Impact No = Not Feasible Yes = Feasible</i>			

a. Improve Existing Barrier Analysis

Exhibit 2 shows the distribution of traffic noise impacts. The analysis was broken into the following barrier areas:

1. South Point Prairie – The Improve Existing Alternative has an off-alignment component between Hepperman and South Point Prairie Road. This will create a traffic noise impact at a single-family residence (# 5001). Using an 800-foot long, 20-foot high barrier, with a gap for access to South Point Prairie Road, an insertion loss over 5 dBA is expected. However, there are not two front row impacted receptors. Consequently, a noise barrier at this location is not feasible.
2. Route Z (N) – On the north side of Route N (at the Route Z intersection) the Improve Existing Alternative creates a traffic noise impact amongst the front row receptors in the vicinity of Castlegate Mobile Home Park (#s 1077, 1019 and 1091). Using a 20-foot high barrier, insertion losses of over 5 dBA is expected for several receptors. Consequently, a noise barrier at this location is **feasible**. All of the Reasonable Alternatives impact the residences in this area. The specific homes affected vary by the degree of acquisitions associated with the alternative.
3. Route Z (S) – On the south side of Route N (at the Route Z intersection) the Improve Existing Alternative creates a traffic noise impact to Receptor # 100001. The Buckner Alternative also impacts this receptor. Using an 800-foot long, 20-foot high barrier, with a gap for access to Route N, an insertion loss over 5 dBA is not expected. Further, there are not two front row impacted receptors. Consequently, a noise barrier at this location is not feasible.
4. Perry Cate (S) – On the south side of Route N (near Perry Cate Boulevard) the Improve Existing Alternative creates a traffic noise impact to Receptor # 1000013. The Buckner Alternative also impacts this receptor. Using an 800-foot long, 20-foot high barrier, with a gap for access to Route N, an insertion loss over 5 dBA is not expected. Further, there

- are not two front row impacted receptors. Consequently, a noise barrier at this location is not feasible.
5. Hopewell - On the south side of Route N (near Hopewell Road) the Improve Existing Alternative creates a traffic noise impact to one Receptor (# 1000043). The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.
 6. Wyndgate - On the south side of Route N (near Wyndgate Ridge Road) the Improve Existing Alternative creates a traffic noise impact to Receptor #100210. The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.
 7. Wyndmere - On the north side of Route N (near Wyndmere Road) the Improve Existing Alternative creates a traffic noise impact to three Receptors (# 1227). The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.

b. Buckner Barrier Analysis

Exhibit 3 shows the distribution of traffic noise impacts associated with the Buckner Alternative. The analysis was broken into the following barrier areas

1. Buckner - The Buckner Alternative has a traffic noise impact at a single-family residence (# 5031). Using a 800-foot long, 20-foot high barrier, with a gap for access, an insertion loss of less than 5 dBA is expected. Consequently, a noise barrier at this location is not feasible.
2. Route Z (N) - On the north side of Route N (at the Route Z intersection) the Buckner Alternative creates a traffic noise impact amongst the front row receptors in the vicinity of Castlegate Mobile Home Park (#s 1093, 1079, 1077,1049, 1047). Using a 20-foot high barrier, insertion losses of over 5 dBA are expected for several receptors. Consequently, a noise barrier at this location is **feasible**. All of the Reasonable Alternatives impact the residences in this area. The specific homes affected vary by the degree of acquisitions associated with the alternative.
3. Perry Cate (S) - On the south side of Route N (near Perry Cate Boulevard) the Improve Existing Alternative creates a traffic noise impact to Receptor # 1000013. The Buckner Alternative also impacts this receptor. Using an 800-foot long, 20-foot high barrier, with a gap for access to Route N, an insertion loss over 5 dBA is not expected. Further, there are not two front row impacted receptors. Consequently, a noise barrier at this location is not feasible.
4. Hopewell - On the south side of Route N (near Hopewell Road) the Improve Existing Alternative creates a traffic noise impact to one Receptor (# 1000043). The Buckner and Near South Alternatives also impact this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.

5. Wyndgate - On the south side of Route N (near Wyndgate Ridge Road) the Improve Existing Alternative creates a traffic noise impact to three Receptors (# 100210). The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.
6. Wyndmere - On the north side of Route N (near Wyndmere Road) the Improve Existing Alternative creates a traffic noise impact to three Receptors (# 1227). The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.

c. Near South Barrier Analysis

Exhibit 4 shows the distribution of traffic noise impacts associated with the Near South Alternative. The analysis was broken into the following barrier areas:

1. Perry Cate (S) - In this location, the Near South Alternative is off of the Route N alignment. Three Receptors (#s 1000013, 152+90 and 152+34) are expected to receive a traffic noise impact. No combination of barriers could provide an insertion loss at two of the receptors. Consequently, a noise barrier at this location is not feasible.
2. Hopewell - On the south side of Route N (near Hopewell Road) the Near South Alternative creates a traffic noise impact to one Receptor (# 1000043). The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.
3. Wyndgate - On the south side of Route N (near Wyndgate Ridge Road) the Near South Alternative creates a traffic noise impact to Receptor #100210. The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.
4. Wyndmere - On the north side of Route N (near Wyndmere Road) the Near South Alternative creates a traffic noise impact to three Receptors (# 1227). The Buckner and Near South Alternatives also impacts this area. Using an 800-foot long, 20-foot high barrier, an insertion loss of less than 5 dBA at two receptors is not expected. Consequently, a noise barrier at this location is not feasible.

3. Barrier Analysis – Reasonableness

For the receptors that could achieve the feasibility standard, barrier analysis was continued to investigate reasonableness. To be recommended for further consideration, a barrier must be both feasible and reasonable. MoDOT requires that noise barriers not exceed 1,300 square feet per benefitted receptor to be considered reasonable. A minimum reduction of 7 dBA for 100 percent of benefitted, first-row receptors is also required.

The reasonableness noise analysis identified the first-row receivers and evaluated if a 20-foot noise barrier could achieve a 7-dBA insertion loss for first row receivers. If first row receivers could achieve the 7-dBA goal, the barrier would be optimized to determine if the 1,300 square

foot limit could be achieved. The summary of the reasonableness analysis is contained in **Table 8**. The design barriers are contained in **Appendix D**.

The noise barrier in the northwest quadrant of the Route N/Route Z intersection is feasible under the Improve Existing and the Buckner Alternatives.

Under the Improve Existing Alternative, many but not all of the first-row receptors will achieve the Design Goal of 7 dBA of insertion loss with a 20-foot maximum noise barrier. Therefore, a noise barrier is not Reasonable.

Under the Buckner Alternative, all of the first-row receptors will achieve the Design Goal of 7 dBA of insertion loss with a 20-foot maximum noise barrier. Therefore, a barrier optimization process was undertaken. A 18,888 square foot barrier (roughly 1,582 long and 12-feet tall) would result in 12 receptors receiving at least 7 dBA. This is all of the first-row receptors and one second row receptor. This results in a cost per dwelling unit of 1,574 square feet. Consequently, a noise barrier is not reasonable.



Noise Barrier Analysis

Noise conditions were modeled with TNM to determine future conditions. A total of 602 modeling receptors were included in the model.

Traffic noise levels approaching or exceeding the NAC (in 2045) are predicted to occur at the following number of residences:

- Alternative Improve Existing: 11
- Alternative Buckner: 14
- Alternative Near South: 10

Barriers in the vicinity of the Route N/ Route Z intersection were able to achieve the minimum feasibility requirements. This applies to both the Improve Existing and Buckner Alternatives.

Therefore, a barrier optimization process was undertaken. The results of the effort concluded that no noise barriers were reasonable.

TABLE 8
Reasonableness Summary for Route N/Route Z Intersection (N)

Alternative	First Row Receivers with 20-foot Noise Barriers and 7 dBA IL	Optimum Barrier Area (SF)	Square Feet of Barrier per Receptor w/ 7 dBA Insertion Loss	Is a Noise Barrier Reasonable?
Improve Existing	8 of 12 (100%)	N/A	NA	No
Buckner	11 of 11 (100%)	18,888	1,574 square feet	No

H. Construction Noise

During the project construction phase, noise from construction activities would add to the noise environment in the immediate project area. The areas shown in **Exhibit 1** represent the land uses that may be potentially impacted by construction noise.

Activities involved in construction would generate noise levels, as indicated in **Table 9**, ranging from 82 to 86 dBA at a distance of 100 feet. Construction activities would be temporary in nature and are anticipated to occur during normal daytime working hours. Construction noise impacts could result in annoyance or sleep disruption, if nighttime operations occur or if unusually noisy equipment is used. Construction operations will adhere to any local construction noise ordinances.

TABLE 9
Construction Equipment Noise

Construction Phase	Loudest Equipment	Maximum Sound Level at 30 Meters (100 Feet) (dBA)
Clearing and Grubbing	Bulldozer, backhoe	83 dBA
Earthwork	Scraper, bulldozer	85 dBA
Foundation	Backhoe, loader	82 dBA
Base Preparation	Truck, bulldozer	85 dBA
Paving	Paver, truck	86 dBA

Source: U.S. Department of Transportation, 1977.

Noise would also be generated during the construction phase by increased truck traffic on some local area roadways associated with transport of heavy materials and equipment. This noise increase would be of short duration and would occur primarily during daytime hours.

Although construction noise impacts would be temporary, the following standard measures are recommended to minimize such impacts.

- Whenever possible, limit operation of heavy equipment and other noisy procedures to the daylight hours.
- Install and maintain effective mufflers on equipment.
- Locate equipment and vehicle staging areas as far from residential areas as possible.
- Limit unnecessary idling of equipment.

I. Information for Local Officials

Noise predictions from the Noise Technical Report are provided to local officials so it can be used to help minimize future traffic noise impacts on currently undeveloped lands within the present Type I project.

This data will be generated for the Preferred Alternative during the project's Public Hearing.

All noise materials assume the following:

"The noise predictions do not represent predicted levels at every location at a particular distance back from the roadway. Sound levels will vary with changes in terrain and will be affected by the shielding of objects such as buildings. This information is being included to make local officials and planners aware of anticipated highway noise levels so that future development will be compatible with these levels."

J. References

Code of Federal Regulations [CFR], Title 23 CFR Part 772 -- Procedures for Abatement of Highway Traffic Noise and Construction Noise. 1992.

Missouri Department of Transportation, Section 127.13 Noise from the Engineering Policy Guide. 2018.

U.S. Department of Transportation. *Highway Construction Noise: Measurement, Prediction, and Mitigation*. 1977.

U.S. Department of Transportation, Federal Highway Administration. *FHWA Traffic Noise Model User's Guide*. Report No. FHWA-PD-96-009. Federal Highway Administration, Washington D.C., January 1998.

FHWA Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. Federal Highway Administration, Washington D.C., February 1998.

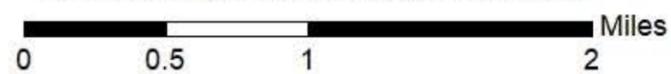
Technical Advisory T6640.8A -- Guidance for Preparing and Processing Environmental and Section 4(F) Documents. 1987.

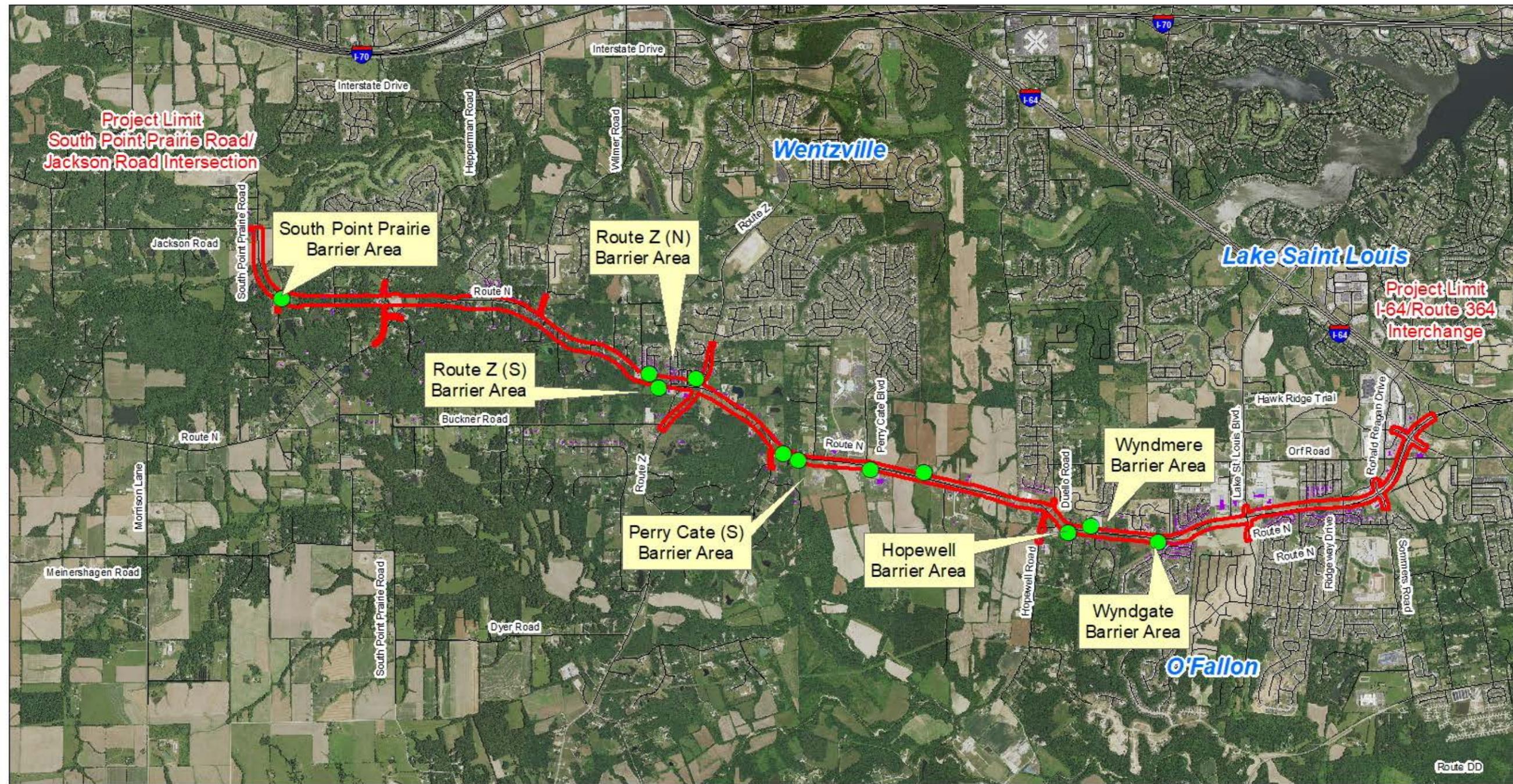
Appendix A
Exhibits



Legend
 Impacted Receptors
 ● Existing 2045

Exhibit 1
 Impacted Receptors: Existing 2008 and No-Build 2015
 Monitoring Locations
 Route N Environmental Assessment





Legend

Impacted Receptors

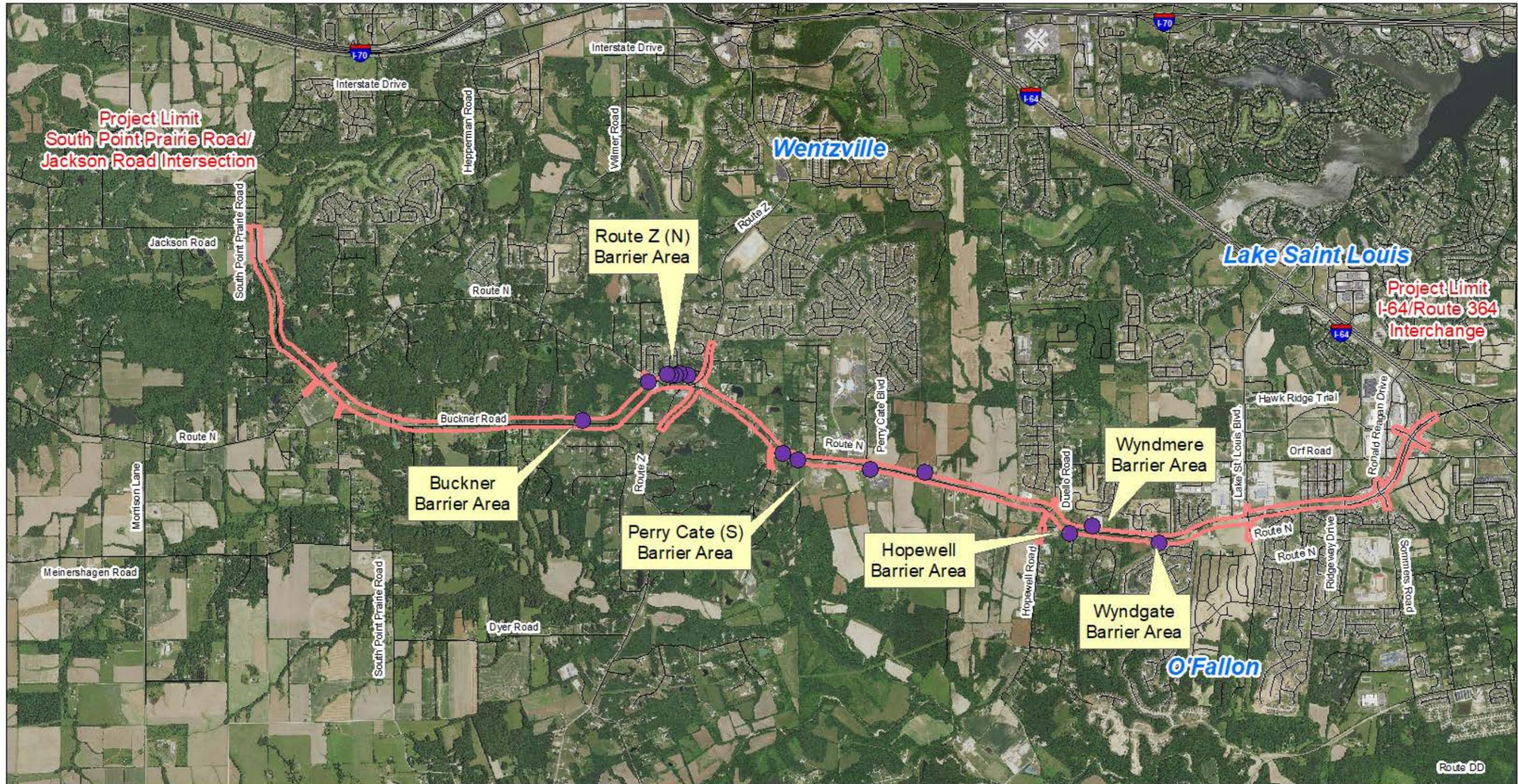
● Improve Existing

Reasonable Alternatives

▭ Improve Existing

**Exhibit 2
Improve Existing Alternative and Impacted Receptors
Route N Environmental Assessment**

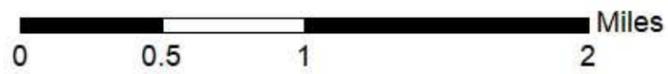


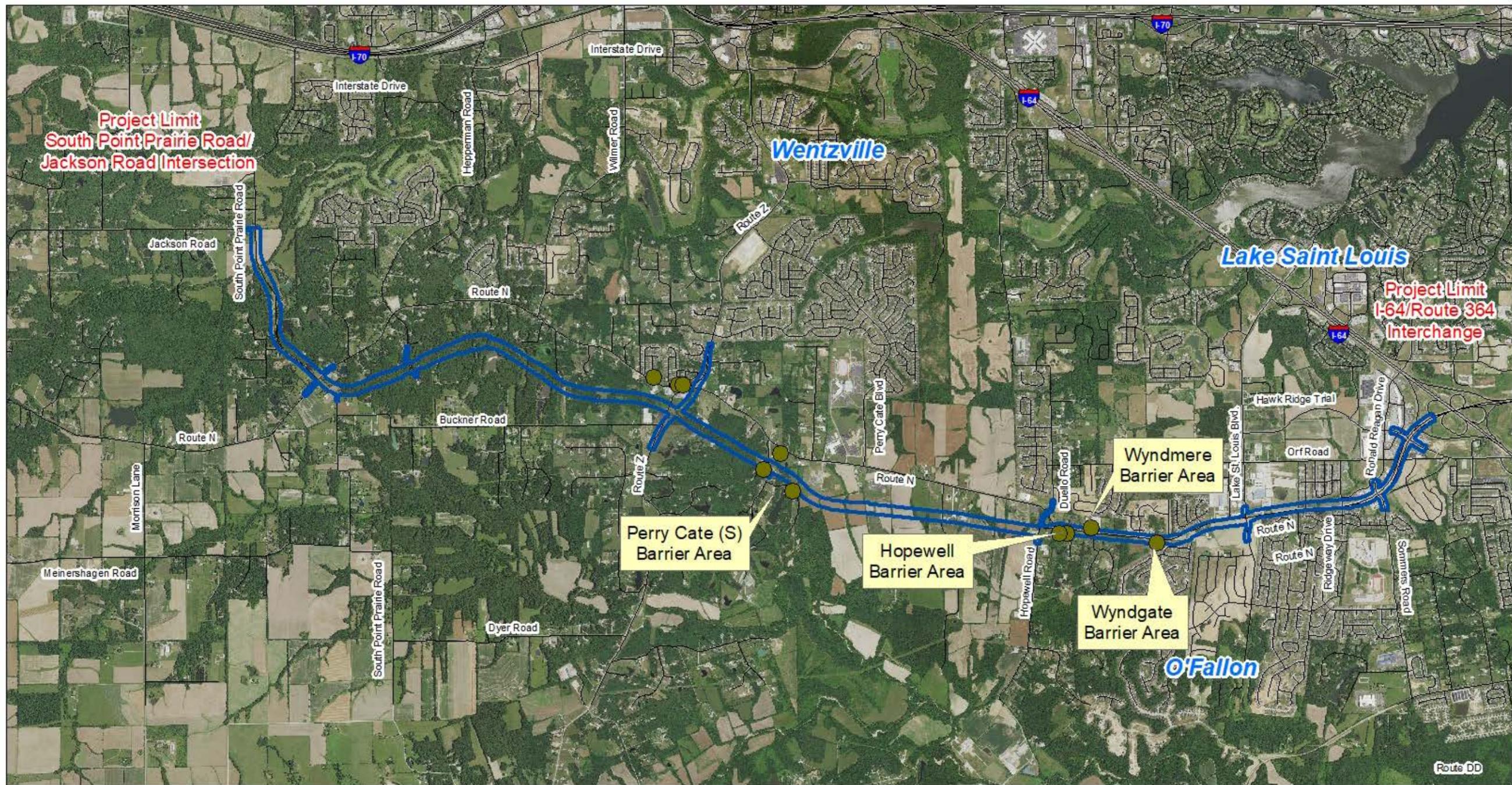


- Legend**
- Impacted Receptors**
 - Buckner
 - Reasonable Alternatives**
 - ▭ Buckner



Exhibit 3
Buckner Alternative and Impacted Receptors
Route N Environmental Assessment



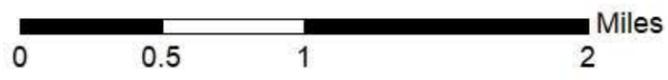


Legend

- Impacted Receptors**
- Near South
- Reasonable Alternatives**
- ▭ Near South



Exhibit 4
Near South Alternative and Impacted Receptors
Route N Environmental Assessment



Appendix B
Validation Data

Appendix C
TNM Output for Alternatives, 2019
Existing and 2045 No-Build Conditions

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

9 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Existing 2019

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier			Increase over existing		Type Impact	With Barrier				
				LAeq1h		Calculated	Crit'n	Calculated		Crit'n Sub'l Inc	Calculated LAeq1h dBA	Noise Reduction		
				Calculated	Crit'n							Calculated	Calculated	Goal
1001	54	1	0.0	46.0	66	46.0	10	---	46.0	0.0	8	-8.0		
1003	55	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0		
1005	56	1	0.0	48.0	66	48.0	10	---	48.0	0.0	8	-8.0		
1007	57	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0		
1009	58	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0		
1011	59	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0		
1013	60	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0		
1015	61	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0		
1017	62	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0		
1019	63	1	0.0	61.1	66	61.1	10	---	61.1	0.0	8	-8.0		
1021	64	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0		
1023	65	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0		
1025	66	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0		
1027	67	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0		
1029	68	1	0.0	48.5	66	48.5	10	---	48.5	0.0	8	-8.0		
1031	69	1	0.0	47.1	66	47.1	10	---	47.1	0.0	8	-8.0		
1033	70	1	0.0	46.1	66	46.1	10	---	46.1	0.0	8	-8.0		
1035	71	1	0.0	46.0	66	46.0	10	---	46.0	0.0	8	-8.0		
1037	72	1	0.0	46.4	66	46.4	10	---	46.4	0.0	8	-8.0		
1039	73	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0		
1041	74	1	0.0	47.8	66	47.8	10	---	47.8	0.0	8	-8.0		
1043	75	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0		
1045	76	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0		

RESULTS: SOUND LEVELS

Route N EA

1047	77	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1049	78	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1051	79	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1053	80	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1055	81	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1057	82	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
1059	83	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
1061	84	1	0.0	47.1	66	47.1	10	---	47.1	0.0	8	-8.0
1063	85	1	0.0	47.4	66	47.4	10	---	47.4	0.0	8	-8.0
1065	86	1	0.0	47.9	66	47.9	10	---	47.9	0.0	8	-8.0
1067	87	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1069	88	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1071	89	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1073	90	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1075	91	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1077	92	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1079	93	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1081	94	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1083	95	1	0.0	46.6	66	46.6	10	---	46.6	0.0	8	-8.0
1085	96	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
1087	97	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
1089	98	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1091	99	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1093	100	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1095	101	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1097	102	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1099	103	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
1101	104	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1103	105	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1105	106	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1107	107	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1109	108	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1111	109	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1113	110	1	0.0	47.6	66	47.6	10	---	47.6	0.0	8	-8.0
1115	111	1	0.0	48.1	66	48.1	10	---	48.1	0.0	8	-8.0
1117	112	1	0.0	48.0	66	48.0	10	---	48.0	0.0	8	-8.0
1119	113	1	0.0	47.7	66	47.7	10	---	47.7	0.0	8	-8.0
1121	114	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
1123	115	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
1125	116	1	0.0	62.5	66	62.5	10	---	62.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1127	117	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1129	118	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
1131	119	1	0.0	59.0	8	59.0	10	---	59.0	0.0	8	-8.0
1133	120	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1135	121	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1137	122	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
1139	123	1	0.0	64.6	66	64.6	10	---	64.6	0.0	8	-8.0
1141	124	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1143	125	1	0.0	65.9	66	65.9	10	---	65.9	0.0	8	-8.0
1145	126	1	0.0	63.8	66	63.8	10	---	63.8	0.0	8	-8.0
1147	127	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1149	128	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0
1151	129	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1153	130	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1155	131	1	0.0	62.7	66	62.7	10	---	62.7	0.0	8	-8.0
1157	132	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1159	133	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1161	134	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1163	135	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1165	136	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1167	137	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1169	138	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1171	139	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1173	140	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1175	141	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1177	142	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1179	143	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1181	144	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1183	145	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1185	146	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1187	147	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1189	148	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
1191	149	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
1193	150	1	0.0	48.0	66	48.0	10	---	48.0	0.0	8	-8.0
1195	151	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1197	152	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1199	153	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1201	154	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1203	155	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1205	156	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1207	157	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1209	158	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1211	159	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1213	160	1	0.0	47.7	66	47.7	10	---	47.7	0.0	8	-8.0
1215	161	1	0.0	48.1	66	48.1	10	---	48.1	0.0	8	-8.0
1217	162	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1219	163	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1221	164	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1223	165	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1225	166	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1227	167	1	0.0	65.3	66	65.3	10	---	65.3	0.0	8	-8.0
1229	168	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1231	169	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1233	170	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1235	171	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1237	172	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1239	173	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1241	174	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1243	175	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1245	176	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1247	177	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1249	178	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1251	179	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1253	180	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1255	181	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1257	182	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1259	183	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1261	184	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1263	185	1	0.0	63.3	66	63.3	10	---	63.3	0.0	8	-8.0
1265	186	1	0.0	64.5	66	64.5	10	---	64.5	0.0	8	-8.0
1267	187	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1269	188	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1271	189	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1273	190	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1275	191	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1277	192	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1279	193	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1281	194	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1283	195	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1285	196	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1287	197	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1289	198	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1291	199	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
1293	200	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
1295	201	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1297	202	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1299	203	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1301	204	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1303	205	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1305	206	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1307	207	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1309	208	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1311	209	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1313	210	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1315	211	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1317	212	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1319	213	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1321	214	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1323	215	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1325	216	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1327	217	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1329	218	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1331	219	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1333	220	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1335	221	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1337	222	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1339	223	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1341	224	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1343	225	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1345	226	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1347	227	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1349	228	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1351	229	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1353	230	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1355	231	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1357	232	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1359	233	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1361	234	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1363	235	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1365	236	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1367	237	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1369	238	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1371	239	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1373	240	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1375	241	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1377	242	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1379	243	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1381	244	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1383	245	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1385	246	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1387	247	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1389	248	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1391	249	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1393	250	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1395	251	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1397	252	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1399	253	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1401	254	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1403	255	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1405	256	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1407	257	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1409	258	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
1411	259	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0
1413	260	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1415	261	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
1417	262	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1419	263	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1421	264	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1423	265	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1425	266	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1427	267	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1429	268	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1431	269	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1433	270	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1435	271	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1437	272	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1439	273	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1441	274	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1443	275	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1445	276	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1447	277	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1449	278	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1451	279	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1453	280	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1455	281	1	0.0	46.6	66	46.6	10	---	46.6	0.0	8	-8.0
1457	282	1	0.0	47.4	66	47.4	10	---	47.4	0.0	8	-8.0
1458	283	1	0.0	44.4	66	44.4	10	---	44.4	0.0	8	-8.0
1000001	351	1	0.0	63.8	66	63.8	10	---	63.8	0.0	8	-8.0
1000003	352	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000005	353	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1000007	354	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000009	355	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000011	356	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000013	357	1	0.0	63.1	66	63.1	10	---	63.1	0.0	8	-8.0
1000015	358	1	0.0	63.5	66	63.5	10	---	63.5	0.0	8	-8.0
1000017	359	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
1000019	360	1	0.0	65.1	66	65.1	10	---	65.1	0.0	8	-8.0
1000021	361	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1000023	362	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1000025	363	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000027	364	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
1000029	365	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000031	366	1	0.0	62.8	66	62.8	10	---	62.8	0.0	8	-8.0
1000033	367	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1000035	368	1	0.0	65.8	66	65.8	10	---	65.8	0.0	8	-8.0
1000037	369	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000039	370	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000041	371	1	0.0	64.1	66	64.1	10	---	64.1	0.0	8	-8.0
1000043	372	1	0.0	65.7	66	65.7	10	---	65.7	0.0	8	-8.0
1000045	373	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1000047	374	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000049	375	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000051	376	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000053	377	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000055	378	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000057	379	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000059	380	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000061	381	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1000063	382	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0
1000065	383	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000067	384	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000069	385	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1000071	386	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1000073	387	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1000075	388	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000077	389	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000079	390	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000081	391	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1000083	392	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1000085	393	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000087	394	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1000089	395	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1000091	396	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1000093	397	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1000095	398	1	0.0	48.5	66	48.5	10	---	48.5	0.0	8	-8.0
1000097	399	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
1000099	400	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
1000101	401	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1000103	402	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1000105	403	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1000107	404	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1000109	405	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1000111	406	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1000113	407	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000115	408	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1000117	409	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000119	410	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1000121	411	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000123	412	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000125	413	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000127	414	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1000129	415	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000131	416	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000133	417	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000135	418	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1000137	419	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000139	420	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000141	421	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000143	422	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000145	423	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000147	424	1	0.0	50.8	66	50.8	10	----	50.8	0.0	8	-8.0
1000149	425	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0
1000151	426	1	0.0	49.0	66	49.0	10	----	49.0	0.0	8	-8.0
1000153	427	1	0.0	49.7	66	49.7	10	----	49.7	0.0	8	-8.0
1000155	428	1	0.0	50.7	66	50.7	10	----	50.7	0.0	8	-8.0
1000157	429	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
1000159	430	1	0.0	52.7	66	52.7	10	----	52.7	0.0	8	-8.0
1000161	431	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0
1000163	432	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
1000165	433	1	0.0	53.7	66	53.7	10	----	53.7	0.0	8	-8.0
1000167	434	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1000169	435	1	0.0	55.1	66	55.1	10	----	55.1	0.0	8	-8.0
1000171	436	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0
1000173	437	1	0.0	56.5	66	56.5	10	----	56.5	0.0	8	-8.0
1000175	438	1	0.0	58.0	66	58.0	10	----	58.0	0.0	8	-8.0
1000177	439	1	0.0	58.3	66	58.3	10	----	58.3	0.0	8	-8.0
1000179	440	1	0.0	59.8	66	59.8	10	----	59.8	0.0	8	-8.0
1000181	441	1	0.0	60.3	66	60.3	10	----	60.3	0.0	8	-8.0
1000183	442	1	0.0	61.7	66	61.7	10	----	61.7	0.0	8	-8.0
1000185	443	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0
1000187	444	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0
1000189	445	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
1000191	446	1	0.0	60.2	66	60.2	10	----	60.2	0.0	8	-8.0
1000193	447	1	0.0	58.6	66	58.6	10	----	58.6	0.0	8	-8.0
1000195	448	1	0.0	56.2	66	56.2	10	----	56.2	0.0	8	-8.0
1000197	449	1	0.0	54.2	66	54.2	10	----	54.2	0.0	8	-8.0
1000199	450	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
1000201	451	1	0.0	64.9	66	64.9	10	----	64.9	0.0	8	-8.0
1000203	452	1	0.0	60.1	66	60.1	10	----	60.1	0.0	8	-8.0
1000205	453	1	0.0	49.3	66	49.3	10	----	49.3	0.0	8	-8.0
1000207	454	1	0.0	50.6	66	50.6	10	----	50.6	0.0	8	-8.0
1000209	455	1	0.0	51.9	66	51.9	10	----	51.9	0.0	8	-8.0
1000211	456	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
1000213	457	1	0.0	49.9	66	49.9	10	----	49.9	0.0	8	-8.0
1000215	458	1	0.0	49.3	66	49.3	10	----	49.3	0.0	8	-8.0
1000217	459	1	0.0	51.1	66	51.1	10	----	51.1	0.0	8	-8.0
1000219	460	1	0.0	54.0	66	54.0	10	----	54.0	0.0	8	-8.0
1000221	461	1	0.0	54.8	66	54.8	10	----	54.8	0.0	8	-8.0
1000223	462	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0
1000225	463	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000227	464	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000229	465	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1000231	466	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000233	467	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1000235	468	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000237	469	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1000239	470	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1000241	471	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000243	472	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000245	473	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000247	474	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000249	475	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000251	476	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000253	477	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000255	478	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000257	479	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000259	480	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1000261	481	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000263	482	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000265	483	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000267	484	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000269	485	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000271	486	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000273	487	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000275	488	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000277	489	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000279	490	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000281	491	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000283	492	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000285	493	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000287	494	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1000289	495	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1000291	496	1	0.0	64.8	66	64.8	10	---	64.8	0.0	8	-8.0
1000293	497	1	0.0	69.9	66	69.9	10	Snd Lvl	69.9	0.0	8	-8.0
1000295	498	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1000297	499	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000299	500	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000301	501	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000303	502	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
1000305	503	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000307	504	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000309	505	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1000311	506	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1000313	507	1	0.0	65.3	66	65.3	10	---	65.3	0.0	8	-8.0
1000315	508	1	0.0	65.1	66	65.1	10	---	65.1	0.0	8	-8.0
1000317	509	1	0.0	65.6	66	65.6	10	---	65.6	0.0	8	-8.0
1000319	510	1	0.0	65.3	66	65.3	10	---	65.3	0.0	8	-8.0
1000321	511	1	0.0	63.5	66	63.5	10	---	63.5	0.0	8	-8.0
1000323	512	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1000325	513	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000327	514	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000329	515	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000331	516	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1000333	517	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000335	518	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000337	519	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1000339	520	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1000341	521	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1000343	522	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000344	523	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000346	524	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000348	525	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000350	526	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000352	527	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000354	528	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1000356	529	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000358	530	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000360	531	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000362	532	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000364	533	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000366	534	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1000368	535	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000370	536	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000372	537	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000374	538	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1000376	539	1	0.0	64.0	66	64.0	10	---	64.0	0.0	8	-8.0
1000378	540	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
1000380	541	1	0.0	63.8	66	63.8	10	---	63.8	0.0	8	-8.0
1000382	542	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1000384	543	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000386	544	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000388	545	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1000390	546	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000392	547	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1000394	548	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1000396	549	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1000398	550	1	0.0	62.1	66	62.1	10	---	62.1	0.0	8	-8.0
1000400	551	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000402	552	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000404	553	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000406	554	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000408	555	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000410	556	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000412	557	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000414	558	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000416	559	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000418	560	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1000420	561	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1000422	562	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1000424	563	1	0.0	61.1	66	61.1	10	---	61.1	0.0	8	-8.0
1000426	564	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0
1000428	565	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1000430	566	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1000432	567	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1000434	568	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1000436	569	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1000438	570	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000440	571	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000442	572	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000444	573	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000446	574	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1000448	575	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000450	576	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000452	577	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000454	578	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000456	579	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1000458	580	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1000460	581	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1000462	582	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000464	583	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5001	711	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
5003	712	1	0.0	39.3	66	39.3	10	---	39.3	0.0	8	-8.0
5005	713	1	0.0	44.1	66	44.1	10	---	44.1	0.0	8	-8.0
5007	714	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
5009	715	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
5011	716	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
5013	717	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
5015	718	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
5019	720	1	0.0	42.3	66	42.3	10	---	42.3	0.0	8	-8.0
5021	721	1	0.0	39.6	66	39.6	10	---	39.6	0.0	8	-8.0
5023	722	1	0.0	43.3	66	43.3	10	---	43.3	0.0	8	-8.0
5025	723	1	0.0	41.2	66	41.2	10	---	41.2	0.0	8	-8.0
5027	724	1	0.0	46.6	66	46.6	10	---	46.6	0.0	8	-8.0
5029	725	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
5031	726	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
5033	727	1	0.0	42.1	66	42.1	10	---	42.1	0.0	8	-8.0
5035	728	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
5036	729	1	0.0	42.6	66	42.6	10	---	42.6	0.0	8	-8.0
5501	730	1	0.0	36.3	66	36.3	10	---	36.3	0.0	8	-8.0
5503	731	1	0.0	40.8	66	40.8	10	---	40.8	0.0	8	-8.0
5505	732	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
5507	733	1	0.0	39.9	66	39.9	10	---	39.9	0.0	8	-8.0
5509	734	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
5511	735	1	0.0	41.0	66	41.0	10	---	41.0	0.0	8	-8.0
5513	736	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
5515	694	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
5517	737	1	0.0	40.1	66	40.1	10	---	40.1	0.0	8	-8.0
5519	738	1	0.0	39.2	66	39.2	10	---	39.2	0.0	8	-8.0
5521	739	1	0.0	38.9	66	38.9	10	---	38.9	0.0	8	-8.0
5523	740	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0
5525	741	1	0.0	41.8	66	41.8	10	---	41.8	0.0	8	-8.0
5527	742	1	0.0	45.0	66	45.0	10	---	45.0	0.0	8	-8.0
5529	743	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
5531	744	1	0.0	48.4	66	48.4	10	---	48.4	0.0	8	-8.0
5533	745	1	0.0	45.6	66	45.6	10	---	45.6	0.0	8	-8.0
5535	746	1	0.0	40.5	66	40.5	10	---	40.5	0.0	8	-8.0
5537	747	1	0.0	35.5	66	35.5	10	---	35.5	0.0	8	-8.0
5539	748	1	0.0	35.5	66	35.5	10	---	35.5	0.0	8	-8.0
5541	749	1	0.0	39.0	66	39.0	10	---	39.0	0.0	8	-8.0
5543	750	1	0.0	40.8	66	40.8	10	---	40.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5545	751	1	0.0	43.9	66	43.9	10	---	43.9	0.0	8	-8.0
5547	752	1	0.0	36.1	66	36.1	10	---	36.1	0.0	8	-8.0
5549	753	1	0.0	39.8	66	39.8	10	---	39.8	0.0	8	-8.0
5551	754	1	0.0	39.2	66	39.2	10	---	39.2	0.0	8	-8.0
5553	755	1	0.0	41.9	66	41.9	10	---	41.9	0.0	8	-8.0
5555	756	1	0.0	37.2	66	37.2	10	---	37.2	0.0	8	-8.0
5557	757	1	0.0	41.3	66	41.3	10	---	41.3	0.0	8	-8.0
5559	758	1	0.0	37.2	66	37.2	10	---	37.2	0.0	8	-8.0
5561	760	1	0.0	40.1	66	40.1	10	---	40.1	0.0	8	-8.0
5563	761	1	0.0	42.1	66	42.1	10	---	42.1	0.0	8	-8.0
5565	762	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5567	763	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5569	764	1	0.0	38.0	66	38.0	10	---	38.0	0.0	8	-8.0
5571	765	1	0.0	37.7	66	37.7	10	---	37.7	0.0	8	-8.0
5573	766	1	0.0	37.5	66	37.5	10	---	37.5	0.0	8	-8.0
5575	767	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5577	768	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5579	769	1	0.0	37.2	66	37.2	10	---	37.2	0.0	8	-8.0
5581	770	1	0.0	37.7	66	37.7	10	---	37.7	0.0	8	-8.0
5583	771	1	0.0	38.1	66	38.1	10	---	38.1	0.0	8	-8.0
5585	772	1	0.0	38.4	66	38.4	10	---	38.4	0.0	8	-8.0
5587	773	1	0.0	38.2	66	38.2	10	---	38.2	0.0	8	-8.0
check 5589	774	1	0.0	39.9	66	39.9	10	---	39.9	0.0	8	-8.0
5591	775	1	0.0	40.1	66	40.1	10	---	40.1	0.0	8	-8.0
check 5592	776	1	0.0	40.4	66	40.4	10	---	40.4	0.0	8	-8.0
7504	777	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
7501	778	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
7503	779	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
7505	780	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
7507	781	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
7509	782	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
7511	783	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
7513	784	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
7515	785	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
7517	786	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
7519	787	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
7521	788	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
7523	789	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
7525	790	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
7527	791	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7529	792	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
7531	793	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
7533	794	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
7535	795	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
7537	796	1	0.0	47.2	66	47.2	10	---	47.2	0.0	8	-8.0
7539	797	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
7541	798	1	0.0	44.7	66	44.7	10	---	44.7	0.0	8	-8.0
7543	799	1	0.0	44.3	66	44.3	10	---	44.3	0.0	8	-8.0
7545	800	1	0.0	44.1	66	44.1	10	---	44.1	0.0	8	-8.0
7547	801	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
7549	802	1	0.0	45.1	66	45.1	10	---	45.1	0.0	8	-8.0
7551	803	1	0.0	43.7	66	43.7	10	---	43.7	0.0	8	-8.0
7553	804	1	0.0	43.6	66	43.6	10	---	43.6	0.0	8	-8.0
7555	805	1	0.0	44.3	66	44.3	10	---	44.3	0.0	8	-8.0
7559	807	1	0.0	47.6	66	47.6	10	---	47.6	0.0	8	-8.0
7561	808	1	0.0	48.5	66	48.5	10	---	48.5	0.0	8	-8.0
7563	809	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
7565	810	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
7567	811	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
7569	812	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
7571	813	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
7573	814	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
7575	815	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
7577	816	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
7579	817	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
7581	818	1	0.0	45.0	66	45.0	10	---	45.0	0.0	8	-8.0
7583	819	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
7585	820	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
7587	821	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
7589	823	1	0.0	46.3	66	46.3	10	---	46.3	0.0	8	-8.0
7591	824	1	0.0	44.7	66	44.7	10	---	44.7	0.0	8	-8.0
7593	825	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
7595	826	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
7597	827	1	0.0	44.4	66	44.4	10	---	44.4	0.0	8	-8.0
7599	828	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
7601	829	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
7603	830	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
7605	831	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
7607	832	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
7609	833	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7611	834	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
7613	835	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
7615	836	1	0.0	46.6	66	46.6	10	---	46.6	0.0	8	-8.0
7617	837	1	0.0	47.2	66	47.2	10	---	47.2	0.0	8	-8.0
7619	838	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7621	839	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
7623	840	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
7625	841	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
7627	842	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
7629	843	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
7631	844	1	0.0	63.1	66	63.1	10	---	63.1	0.0	8	-8.0
7633	845	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
7635	846	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
7637	847	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
7639	848	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
7641	849	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
7643	850	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
7644	852	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	601	0.0	0.0	0.0
All Impacted	4	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

9 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Existing 2045

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h	No Barrier				With Barrier				
				LAeq1h	Crit'n	Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				Calculated		Crit'n	Calculated			Crit'n Sub'l Inc	Calculated	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
1001	54	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1003	55	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1005	56	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1007	57	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1009	58	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1011	59	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1013	60	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
1015	61	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1017	62	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
1019	63	1	0.0	64.1	66	64.1	10	---	64.1	0.0	8	-8.0
1021	64	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1023	65	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1025	66	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1027	67	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1029	68	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1031	69	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1033	70	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1035	71	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
1037	72	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1039	73	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
1041	74	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1043	75	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1045	76	1	0.0	62.5	66	62.5	10	---	62.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1047	77	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1049	78	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1051	79	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1053	80	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1055	81	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1057	82	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1059	83	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1061	84	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1063	85	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1065	86	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1067	87	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1069	88	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1071	89	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1073	90	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1075	91	1	0.0	64.1	66	64.1	10	---	64.1	0.0	8	-8.0
1077	92	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1079	93	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1081	94	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1083	95	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
1085	96	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1087	97	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1089	98	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1091	99	1	0.0	63.5	66	63.5	10	---	63.5	0.0	8	-8.0
1093	100	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1095	101	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1097	102	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1099	103	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1101	104	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1103	105	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1105	106	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1107	107	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1109	108	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1111	109	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1113	110	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1115	111	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1117	112	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1119	113	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1121	114	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1123	115	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1125	116	1	0.0	63.1	66	63.1	10	---	63.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1127	117	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1129	118	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1131	119	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1133	120	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1135	121	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1137	122	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1139	123	1	0.0	65.1	66	65.1	10	---	65.1	0.0	8	-8.0
1141	124	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1143	125	1	0.0	66.5	66	66.5	10	Snd Lvl	66.5	0.0	8	-8.0
1145	126	1	0.0	64.3	66	64.3	10	---	64.3	0.0	8	-8.0
1147	127	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1149	128	1	0.0	64.3	66	64.3	10	---	64.3	0.0	8	-8.0
1151	129	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1153	130	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1155	131	1	0.0	63.3	66	63.3	10	---	63.3	0.0	8	-8.0
1157	132	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
1159	133	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1161	134	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1163	135	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1165	136	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1167	137	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1169	138	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1171	139	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1173	140	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1175	141	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1177	142	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1179	143	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1181	144	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1183	145	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1185	146	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1187	147	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1189	148	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1191	149	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1193	150	1	0.0	48.5	66	48.5	10	---	48.5	0.0	8	-8.0
1195	151	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1197	152	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1199	153	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1201	154	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1203	155	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1205	156	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1207	157	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1209	158	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1211	159	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1213	160	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
1215	161	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1217	162	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1219	163	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1221	164	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1223	165	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
1225	166	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0
1227	167	1	0.0	65.9	66	65.9	10	---	65.9	0.0	8	-8.0
1229	168	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1231	169	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1233	170	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1235	171	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1237	172	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1239	173	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1241	174	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1243	175	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1245	176	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1247	177	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1249	178	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1251	179	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1253	180	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1255	181	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1257	182	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1259	183	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1261	184	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1263	185	1	0.0	63.9	66	63.9	10	---	63.9	0.0	8	-8.0
1265	186	1	0.0	65.1	66	65.1	10	---	65.1	0.0	8	-8.0
1267	187	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1269	188	1	0.0	63.0	66	63.0	10	---	63.0	0.0	8	-8.0
1271	189	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1273	190	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1275	191	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1277	192	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1279	193	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1281	194	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1283	195	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1285	196	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1287	197	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1289	198	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1291	199	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1293	200	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1295	201	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1297	202	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1299	203	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1301	204	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1303	205	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1305	206	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1307	207	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1309	208	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1311	209	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1313	210	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1315	211	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1317	212	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1319	213	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1321	214	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1323	215	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1325	216	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1327	217	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1329	218	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1331	219	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1333	220	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1335	221	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1337	222	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1339	223	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1341	224	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1343	225	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1345	226	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1347	227	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1349	228	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1351	229	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1353	230	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1355	231	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1357	232	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1359	233	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1361	234	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1363	235	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1365	236	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1367	237	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1369	238	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1371	239	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1373	240	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1375	241	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1377	242	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1379	243	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1381	244	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1383	245	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1385	246	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1387	247	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1389	248	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1391	249	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1393	250	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1395	251	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1397	252	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1399	253	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1401	254	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1403	255	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1405	256	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1407	257	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1409	258	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1411	259	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1413	260	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1415	261	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1417	262	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1419	263	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1421	264	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1423	265	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1425	266	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1427	267	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1429	268	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1431	269	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1433	270	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1435	271	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1437	272	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1439	273	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1441	274	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1443	275	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1445	276	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

										Route N EA			
1447	277	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0	
1449	278	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0	
1451	279	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0	
1453	280	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0	
1455	281	1	0.0	46.8	66	46.8	10	---	46.8	0.0	8	-8.0	
1457	282	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0	
1458	283	1	0.0	42.5	66	42.5	10	---	42.5	0.0	8	-8.0	
1000001	351	1	0.0	66.7	66	66.7	10	Snd Lvl	66.7	0.0	8	-8.0	
1000003	352	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0	
1000005	353	1	0.0	62.6	66	62.6	10	---	62.6	0.0	8	-8.0	
1000007	354	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0	
1000009	355	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0	
1000011	356	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0	
1000013	357	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0	
1000015	358	1	0.0	64.1	66	64.1	10	---	64.1	0.0	8	-8.0	
1000017	359	1	0.0	62.3	66	62.3	10	---	62.3	0.0	8	-8.0	
1000019	360	1	0.0	65.7	66	65.7	10	---	65.7	0.0	8	-8.0	
1000021	361	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0	
1000023	362	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0	
1000025	363	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0	
1000027	364	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0	
1000029	365	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0	
1000031	366	1	0.0	63.3	66	63.3	10	---	63.3	0.0	8	-8.0	
1000033	367	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0	
1000035	368	1	0.0	66.4	66	66.4	10	Snd Lvl	66.4	0.0	8	-8.0	
1000037	369	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0	
1000039	370	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0	
1000041	371	1	0.0	64.7	66	64.7	10	---	64.7	0.0	8	-8.0	
1000043	372	1	0.0	66.3	66	66.3	10	Snd Lvl	66.3	0.0	8	-8.0	
1000045	373	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0	
1000047	374	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0	
1000049	375	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0	
1000051	376	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0	
1000053	377	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0	
1000055	378	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0	
1000057	379	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0	
1000059	380	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0	
1000061	381	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0	
1000063	382	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0	
1000065	383	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0	

RESULTS: SOUND LEVELS

Route N EA

1000067	384	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1000069	385	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1000071	386	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000073	387	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1000075	388	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1000077	389	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000079	390	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000081	391	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000083	392	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1000085	393	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1000087	394	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1000089	395	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1000091	396	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000093	397	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
1000095	398	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1000097	399	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1000099	400	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1000101	401	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
1000103	402	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1000105	403	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1000107	404	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1000109	405	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000111	406	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000113	407	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000115	408	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1000117	409	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000119	410	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000121	411	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000123	412	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000125	413	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1000127	414	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0
1000129	415	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000131	416	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000133	417	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1000135	418	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000137	419	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1000139	420	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000141	421	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000143	422	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000145	423	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000147	424	1	0.0	51.4	66	51.4	10	----	51.4	0.0	8	-8.0
1000149	425	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
1000151	426	1	0.0	49.6	66	49.6	10	----	49.6	0.0	8	-8.0
1000153	427	1	0.0	50.3	66	50.3	10	----	50.3	0.0	8	-8.0
1000155	428	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0
1000157	429	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0
1000159	430	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0
1000161	431	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1000163	432	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0
1000165	433	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
1000167	434	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
1000169	435	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0
1000171	436	1	0.0	56.2	66	56.2	10	----	56.2	0.0	8	-8.0
1000173	437	1	0.0	57.1	66	57.1	10	----	57.1	0.0	8	-8.0
1000175	438	1	0.0	58.6	66	58.6	10	----	58.6	0.0	8	-8.0
1000177	439	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0
1000179	440	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
1000181	441	1	0.0	60.9	66	60.9	10	----	60.9	0.0	8	-8.0
1000183	442	1	0.0	62.3	66	62.3	10	----	62.3	0.0	8	-8.0
1000185	443	1	0.0	63.5	66	63.5	10	----	63.5	0.0	8	-8.0
1000187	444	1	0.0	63.2	66	63.2	10	----	63.2	0.0	8	-8.0
1000189	445	1	0.0	62.1	66	62.1	10	----	62.1	0.0	8	-8.0
1000191	446	1	0.0	60.8	66	60.8	10	----	60.8	0.0	8	-8.0
1000193	447	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0
1000195	448	1	0.0	56.8	66	56.8	10	----	56.8	0.0	8	-8.0
1000197	449	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
1000199	450	1	0.0	53.4	66	53.4	10	----	53.4	0.0	8	-8.0
1000201	451	1	0.0	65.5	66	65.5	10	----	65.5	0.0	8	-8.0
1000203	452	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0
1000205	453	1	0.0	50.2	66	50.2	10	----	50.2	0.0	8	-8.0
1000207	454	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
1000209	455	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
1000211	456	1	0.0	53.9	66	53.9	10	----	53.9	0.0	8	-8.0
1000213	457	1	0.0	50.9	66	50.9	10	----	50.9	0.0	8	-8.0
1000215	458	1	0.0	50.3	66	50.3	10	----	50.3	0.0	8	-8.0
1000217	459	1	0.0	52.1	66	52.1	10	----	52.1	0.0	8	-8.0
1000219	460	1	0.0	55.2	66	55.2	10	----	55.2	0.0	8	-8.0
1000221	461	1	0.0	55.9	66	55.9	10	----	55.9	0.0	8	-8.0
1000223	462	1	0.0	57.0	66	57.0	10	----	57.0	0.0	8	-8.0
1000225	463	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000227	464	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000229	465	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000231	466	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1000233	467	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1000235	468	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1000237	469	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000239	470	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000241	471	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000243	472	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000245	473	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000247	474	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000249	475	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000251	476	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000253	477	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000255	478	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1000257	479	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000259	480	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000261	481	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000263	482	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1000265	483	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1000267	484	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000269	485	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1000271	486	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000273	487	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000275	488	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000277	489	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000279	490	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000281	491	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1000283	492	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
1000285	493	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1000287	494	1	0.0	61.1	66	61.1	10	---	61.1	0.0	8	-8.0
1000289	495	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1000291	496	1	0.0	65.6	66	65.6	10	---	65.6	0.0	8	-8.0
1000293	497	1	0.0	69.9	66	69.9	10	Snd Lvl	69.9	0.0	8	-8.0
1000295	498	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000297	499	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000299	500	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1000301	501	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
1000303	502	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1000305	503	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000307	504	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000309	505	1	0.0	66.9	66	66.9	10	Snd Lvl	66.9	0.0	8	-8.0
1000311	506	1	0.0	66.7	66	66.7	10	Snd Lvl	66.7	0.0	8	-8.0
1000313	507	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
1000315	508	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1000317	509	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
1000319	510	1	0.0	66.0	66	66.0	10	Snd Lvl	66.0	0.0	8	-8.0
1000321	511	1	0.0	64.8	66	64.8	10	---	64.8	0.0	8	-8.0
1000323	512	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1000325	513	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000327	514	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000329	515	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000331	516	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000333	517	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000335	518	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000337	519	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000339	520	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000341	521	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000343	522	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000344	523	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000346	524	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000348	525	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000350	526	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000352	527	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000354	528	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000356	529	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000358	530	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000360	531	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000362	532	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000364	533	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000366	534	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000368	535	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000370	536	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000372	537	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1000374	538	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1000376	539	1	0.0	64.9	66	64.9	10	---	64.9	0.0	8	-8.0
1000378	540	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
1000380	541	1	0.0	64.6	66	64.6	10	---	64.6	0.0	8	-8.0
1000382	542	1	0.0	62.1	66	62.1	10	---	62.1	0.0	8	-8.0
1000384	543	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000386	544	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1000388	545	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000390	546	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000392	547	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1000394	548	1	0.0	62.7	66	62.7	10	---	62.7	0.0	8	-8.0
1000396	549	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1000398	550	1	0.0	63.1	66	63.1	10	---	63.1	0.0	8	-8.0
1000400	551	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000402	552	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000404	553	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000406	554	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000408	555	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000410	556	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000412	557	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000414	558	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000416	559	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000418	560	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000420	561	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1000422	562	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000424	563	1	0.0	62.1	66	62.1	10	---	62.1	0.0	8	-8.0
1000426	564	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1000428	565	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1000430	566	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1000432	567	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1000434	568	1	0.0	62.6	66	62.6	10	---	62.6	0.0	8	-8.0
1000436	569	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1000438	570	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000440	571	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1000442	572	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000444	573	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000446	574	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000448	575	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000450	576	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000452	577	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000454	578	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000456	579	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000458	580	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000460	581	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000462	582	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
1000464	583	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5001	711	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
5003	712	1	0.0	43.6	66	43.6	10	---	43.6	0.0	8	-8.0
5005	713	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
5007	714	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
5009	715	1	0.0	64.5	66	64.5	10	---	64.5	0.0	8	-8.0
5011	716	1	0.0	63.9	66	63.9	10	---	63.9	0.0	8	-8.0
5013	717	1	0.0	64.9	66	64.9	10	---	64.9	0.0	8	-8.0
5015	718	1	0.0	43.9	66	43.9	10	---	43.9	0.0	8	-8.0
5017	719	1	0.0	41.2	66	41.2	10	---	41.2	0.0	8	-8.0
5019	720	1	0.0	39.2	66	39.2	10	---	39.2	0.0	8	-8.0
5021	721	1	0.0	38.6	66	38.6	10	---	38.6	0.0	8	-8.0
5023	722	1	0.0	37.0	66	37.0	10	---	37.0	0.0	8	-8.0
5025	723	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5027	724	1	0.0	36.8	66	36.8	10	---	36.8	0.0	8	-8.0
5029	725	1	0.0	37.3	66	37.3	10	---	37.3	0.0	8	-8.0
5031	726	1	0.0	39.0	66	39.0	10	---	39.0	0.0	8	-8.0
5033	727	1	0.0	40.1	66	40.1	10	---	40.1	0.0	8	-8.0
5035	728	1	0.0	43.5	66	43.5	10	---	43.5	0.0	8	-8.0
5036	729	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
5501	730	1	0.0	40.3	66	40.3	10	---	40.3	0.0	8	-8.0
5503	731	1	0.0	45.0	66	45.0	10	---	45.0	0.0	8	-8.0
5505	732	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
5507	733	1	0.0	44.5	66	44.5	10	---	44.5	0.0	8	-8.0
5509	734	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
5511	735	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
5513	736	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
5515	694	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
5517	737	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
5519	738	1	0.0	43.5	66	43.5	10	---	43.5	0.0	8	-8.0
5521	739	1	0.0	43.1	66	43.1	10	---	43.1	0.0	8	-8.0
5523	740	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
5525	741	1	0.0	46.0	66	46.0	10	---	46.0	0.0	8	-8.0
5527	742	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
5529	743	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
5531	744	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
5533	745	1	0.0	46.7	66	46.7	10	---	46.7	0.0	8	-8.0
5535	746	1	0.0	41.3	66	41.3	10	---	41.3	0.0	8	-8.0
5537	747	1	0.0	38.6	66	38.6	10	---	38.6	0.0	8	-8.0
5539	748	1	0.0	38.6	66	38.6	10	---	38.6	0.0	8	-8.0
5541	749	1	0.0	37.9	66	37.9	10	---	37.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5543	750	1	0.0	37.7	66	37.7	10	---	37.7	0.0	8	-8.0
5545	751	1	0.0	37.5	66	37.5	10	---	37.5	0.0	8	-8.0
5547	752	1	0.0	36.4	66	36.4	10	---	36.4	0.0	8	-8.0
5549	753	1	0.0	36.5	66	36.5	10	---	36.5	0.0	8	-8.0
5551	754	1	0.0	36.2	66	36.2	10	---	36.2	0.0	8	-8.0
5553	755	1	0.0	36.6	66	36.6	10	---	36.6	0.0	8	-8.0
5555	756	1	0.0	36.5	66	36.5	10	---	36.5	0.0	8	-8.0
5557	757	1	0.0	36.9	66	36.9	10	---	36.9	0.0	8	-8.0
5559	758	1	0.0	36.8	66	36.8	10	---	36.8	0.0	8	-8.0
5561	760	1	0.0	37.2	66	37.2	10	---	37.2	0.0	8	-8.0
5563	761	1	0.0	37.4	66	37.4	10	---	37.4	0.0	8	-8.0
5565	762	1	0.0	36.9	66	36.9	10	---	36.9	0.0	8	-8.0
5567	763	1	0.0	37.2	66	37.2	10	---	37.2	0.0	8	-8.0
5569	764	1	0.0	37.6	66	37.6	10	---	37.6	0.0	8	-8.0
5571	765	1	0.0	37.8	66	37.8	10	---	37.8	0.0	8	-8.0
5573	766	1	0.0	38.0	66	38.0	10	---	38.0	0.0	8	-8.0
5575	767	1	0.0	38.1	66	38.1	10	---	38.1	0.0	8	-8.0
5577	768	1	0.0	38.3	66	38.3	10	---	38.3	0.0	8	-8.0
5579	769	1	0.0	38.6	66	38.6	10	---	38.6	0.0	1	-8.0
5581	770	1	0.0	38.8	66	38.8	10	---	38.8	0.0	8	-8.0
5583	771	1	0.0	39.1	66	39.1	10	---	39.1	0.0	8	-8.0
5585	772	1	0.0	39.3	66	39.3	10	---	39.3	0.0	8	-8.0
5587	773	1	0.0	39.3	66	39.3	10	---	39.3	0.0	8	-8.0
check 5589	774	1	0.0	41.0	66	41.0	10	---	41.0	0.0	8	-8.0
5591	775	1	0.0	41.3	66	41.3	10	---	41.3	0.0	8	-8.0
check 5592	776	1	0.0	41.6	66	41.6	10	---	41.6	0.0	8	-8.0
7504	777	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
7501	778	1	0.0	63.1	66	63.1	10	---	63.1	0.0	8	-8.0
7503	779	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
7505	780	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
7507	781	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
7509	782	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
7511	783	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
7513	784	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
7515	785	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
7517	786	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0
7519	787	1	0.0	61.3	66	61.3	10	---	61.3	0.0	8	-8.0
7521	788	1	0.0	65.2	66	65.2	10	---	65.2	0.0	8	-8.0
7523	789	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
7525	790	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0

RESULTS: SOUND LEVELS

				Route N EA								
7527	791	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
7529	792	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
7531	793	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
7533	794	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
7535	795	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
7537	796	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
7539	797	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
7541	798	1	0.0	47.6	66	47.6	10	---	47.6	0.0	8	-8.0
7543	799	1	0.0	47.3	66	47.3	10	---	47.3	0.0	8	-8.0
7545	800	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
7547	801	1	0.0	47.6	66	47.6	10	---	47.6	0.0	8	-8.0
7549	802	1	0.0	48.1	66	48.1	10	---	48.1	0.0	8	-8.0
7551	803	1	0.0	46.7	66	46.7	10	---	46.7	0.0	8	-8.0
7553	804	1	0.0	46.5	66	46.5	10	---	46.5	0.0	8	-8.0
7555	805	1	0.0	47.3	66	47.3	10	---	47.3	0.0	8	-8.0
7559	807	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
7561	808	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
7563	809	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
7565	810	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
7567	811	1	0.0	63.3	66	63.3	10	---	63.3	0.0	8	-8.0
7569	812	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
7571	813	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
7573	814	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
7575	815	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
7577	816	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
7579	817	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
7581	818	1	0.0	47.9	66	47.9	10	---	47.9	0.0	8	-8.0
7583	819	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
7585	820	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
7587	821	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
7589	823	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
7591	824	1	0.0	47.6	66	47.6	10	---	47.6	0.0	8	-8.0
7593	825	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
7595	826	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
7597	827	1	0.0	47.2	66	47.2	10	---	47.2	0.0	8	-8.0
7599	828	1	0.0	47.3	66	47.3	10	---	47.3	0.0	8	-8.0
7601	829	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
7603	830	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
7605	831	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
7607	832	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7609	833	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
7611	834	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7613	835	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7615	836	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
7617	837	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
7619	838	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
7621	839	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
7623	840	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
7625	841	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
7627	842	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
7629	843	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
7631	844	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
7633	845	1	0.0	64.5	66	64.5	10	---	64.5	0.0	8	-8.0
7635	846	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
7637	847	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
7639	848	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
7641	849	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
7643	850	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
7644	852	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	602	0.0	0.0	0.0
All Impacted	13	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

9 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing - 2015

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				Type Impact	With Barrier			
				LAeq1h Calculated dBA	Crit'n dBA	Increase over existing			Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA
						Calculated dB	Crit'n dB			Calculated dB	Goal dB	
1001	54	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0
1003	55	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1005	56	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1007	57	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1009	58	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1011	59	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1013	60	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1015	61	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1017	62	1	0.0	62.9	66	62.9	10	---	62.9	0.0	8	-8.0
1019	63	1	0.0	69.3	66	69.3	10	Snd Lvl	69.3	0.0	8	-8.0
1021	64	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1023	65	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1025	66	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1027	67	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1029	68	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1031	69	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1033	70	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1035	71	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1037	72	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1039	73	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1041	74	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1043	75	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1047	77	1	0.0	64.3	66	64.3	10	---	64.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1049	78	1	0.0	63.4	66	63.4	10	---	63.4	0.0	8	-8.0
1051	79	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1053	80	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1055	81	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1057	82	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1059	83	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1061	84	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1063	85	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1065	86	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1067	87	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1069	88	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1071	89	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1073	90	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1077	92	1	0.0	65.3	66	65.3	10	---	65.3	0.0	8	-8.0
1079	93	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
1081	94	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1083	95	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1085	96	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1087	97	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1089	98	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1091	99	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1093	100	1	0.0	61.3	66	61.3	10	---	61.3	0.0	8	-8.0
1095	101	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1097	102	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1099	103	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1101	104	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1103	105	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1105	106	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1107	107	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1109	108	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1111	109	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1113	110	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1115	111	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1117	112	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1119	113	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1121	114	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1123	115	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1125	116	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1127	117	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1129	118	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1131	119	1	0.0	57.6	66	57.6	10	----	57.6	0.0	8	-8.0
1133	120	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
1135	121	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
1137	122	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0
1139	123	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0
1141	124	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0
1143	125	1	0.0	64.2	66	64.2	10	----	64.2	0.0	8	-8.0
1145	126	1	0.0	63.4	66	63.4	10	----	63.4	0.0	8	-8.0
1147	127	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0
1149	128	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0
1151	129	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0
1153	130	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
1155	131	1	0.0	66.0	66	66.0	10	Snd Lvl	66.0	0.0	8	-8.0
1157	132	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0
1159	133	1	0.0	65.2	66	65.2	10	----	65.2	0.0	8	-8.0
1161	134	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0
1163	135	1	0.0	57.7	66	57.7	10	----	57.7	0.0	8	-8.0
1165	136	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0
1167	137	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
1169	138	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
1171	139	1	0.0	54.2	66	54.2	10	----	54.2	0.0	8	-8.0
1173	140	1	0.0	50.7	66	50.7	10	----	50.7	0.0	8	-8.0
1175	141	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
1177	142	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
1179	143	1	0.0	50.8	66	50.8	10	----	50.8	0.0	8	-8.0
1181	144	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1183	145	1	0.0	53.7	66	53.7	10	----	53.7	0.0	8	-8.0
1185	146	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
1187	147	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
1189	148	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0
1191	149	1	0.0	49.5	66	49.5	10	----	49.5	0.0	8	-8.0
1193	150	1	0.0	49.2	66	49.2	10	----	49.2	0.0	8	-8.0
1195	151	1	0.0	50.0	66	50.0	10	----	50.0	0.0	8	-8.0
1197	152	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
1199	153	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0
1201	154	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
1203	155	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
1205	156	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0
1207	157	1	0.0	53.4	66	53.4	10	----	53.4	0.0	8	-8.0
1209	158	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1211	159	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1213	160	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
1215	161	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1217	162	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1219	163	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1221	164	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1223	165	1	0.0	62.9	66	62.9	10	---	62.9	0.0	8	-8.0
1225	166	1	0.0	64.4	66	64.4	10	---	64.4	0.0	8	-8.0
1227	167	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
1229	168	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1231	169	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1233	170	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1235	171	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1237	172	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1239	173	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1241	174	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
1243	175	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
1245	176	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1247	177	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1249	178	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1251	179	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1253	180	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1255	181	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1257	182	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1259	183	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1261	184	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1263	185	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
1265	186	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1267	187	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1269	188	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1271	189	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1273	190	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1275	191	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1277	192	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1279	193	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1281	194	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1283	195	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1285	196	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1287	197	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1289	198	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1291	199	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1293	200	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1295	201	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1297	202	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1299	203	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1301	204	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1303	205	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1305	206	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1307	207	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1309	208	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1311	209	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1313	210	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1315	211	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
1317	212	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1319	213	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1321	214	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1323	215	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1325	216	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1327	217	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1329	218	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1331	219	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1333	220	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1335	221	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1337	222	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1339	223	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1341	224	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1343	225	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1345	226	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1347	227	1	0.0	63.6	66	63.6	10	---	63.6	0.0	8	-8.0
1349	228	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1351	229	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
1353	230	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0
1355	231	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1357	232	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1359	233	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1361	234	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1363	235	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1365	236	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1367	237	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1369	238	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1371	239	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1373	240	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1375	241	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1377	242	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1379	243	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1381	244	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1383	245	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1385	246	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1387	247	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1389	248	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1391	249	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1393	250	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1395	251	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1397	252	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1399	253	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1401	254	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1403	255	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1405	256	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1407	257	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1409	258	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1411	259	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1413	260	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1415	261	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1417	262	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1419	263	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1421	264	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1423	265	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0
1425	266	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1427	267	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1429	268	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1431	269	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1433	270	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1435	271	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1437	272	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1439	273	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1441	274	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1443	275	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1445	276	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1447	277	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1449	278	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1451	279	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1453	280	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1455	281	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1457	282	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1458	283	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000001	351	1	0.0	68.8	66	68.8	10	Snd Lvl	68.8	0.0	8	-8.0
1000003	352	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1000005	353	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
1000007	354	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1000009	355	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1000011	356	1	0.0	64.7	66	64.7	10	---	64.7	0.0	8	-8.0
1000013	357	1	0.0	74.3	66	74.3	10	Snd Lvl	74.3	0.0	8	-8.0
1000015	358	1	0.0	71.4	66	71.4	10	Snd Lvl	71.4	0.0	8	-8.0
1000017	359	1	0.0	63.9	66	63.9	10	---	63.9	0.0	8	-8.0
1000019	360	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1000021	361	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000023	362	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
1000025	363	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1000027	364	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1000029	365	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
1000033	367	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0
1000035	368	1	0.0	64.4	66	64.4	10	---	64.4	0.0	8	-8.0
1000037	369	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000039	370	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000041	371	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1000043	372	1	0.0	66.6	66	66.6	10	Snd Lvl	66.6	0.0	8	-8.0
1000045	373	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
1000047	374	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000049	375	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000051	376	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1000053	377	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
1000055	378	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1000057	379	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000059	380	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000061	381	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000063	382	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000065	383	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000067	384	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000069	385	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000071	386	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000073	387	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000075	388	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000077	389	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000079	390	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000081	391	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000083	392	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000085	393	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000087	394	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1000089	395	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000091	396	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000093	397	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1000095	398	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000097	399	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1000099	400	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000101	401	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1000103	402	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1000105	403	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000107	404	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000109	405	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000111	406	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000113	407	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000115	408	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000117	409	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000119	410	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000121	411	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000123	412	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000125	413	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1000127	414	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000129	415	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000131	416	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000133	417	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000135	418	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000137	419	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1000139	420	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1000141	421	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000143	422	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1000145	423	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000147	424	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000149	425	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000151	426	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000153	427	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000155	428	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000157	429	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1000159	430	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000161	431	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000163	432	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0
1000165	433	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1000167	434	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000169	435	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1000171	436	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1000173	437	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1000175	438	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1000177	439	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1000179	440	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1000181	441	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1000183	442	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1000185	443	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1000187	444	1	0.0	62.5	66	62.5	10	---	62.5	0.0	8	-8.0
1000189	445	1	0.0	62.1	66	62.1	10	---	62.1	0.0	8	-8.0
1000191	446	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
1000193	447	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1000195	448	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1000197	449	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000199	450	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000201	451	1	0.0	69.4	66	69.4	10	Snd Lvl	69.4	0.0	8	-8.0
1000203	452	1	0.0	65.8	66	65.8	10	---	65.8	0.0	8	-8.0
1000205	453	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000207	454	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000209	455	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000211	456	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000213	457	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000215	458	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000217	459	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1000219	460	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000221	461	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000223	462	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1000225	463	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000227	464	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000229	465	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000231	466	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000233	467	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000235	468	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000237	469	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000239	470	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1000241	471	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000243	472	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000245	473	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000247	474	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000249	475	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000251	476	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000253	477	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000255	478	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000257	479	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
1000259	480	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1000261	481	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1000263	482	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1000265	483	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1000267	484	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000269	485	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1000271	486	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000273	487	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000275	488	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000277	489	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000279	490	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000281	491	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1000283	492	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000285	493	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000287	494	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1000289	495	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
1000291	496	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1000293	497	1	0.0	64.5	66	64.5	10	---	64.5	0.0	8	-8.0
1000295	498	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000297	499	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000299	500	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1000301	501	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1000303	502	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
1000305	503	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
1000307	504	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1000309	505	1	0.0	62.7	66	62.7	10	---	62.7	0.0	8	-8.0
1000311	506	1	0.0	62.9	66	62.9	10	---	62.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000313	507	1	0.0	62.3	66	62.3	10	---	62.3	0.0	8	-8.0
1000315	508	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1000317	509	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1000319	510	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1000321	511	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
1000323	512	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000325	513	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000327	514	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000329	515	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000331	516	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000333	517	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000335	518	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000337	519	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000339	520	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1000341	521	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000343	522	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000344	523	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000346	524	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000348	525	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000350	526	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000352	527	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000354	528	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000356	529	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1000358	530	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000360	531	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000362	532	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000364	533	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000366	534	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000368	535	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000370	536	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000372	537	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000374	538	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000376	539	1	0.0	61.2	66	61.2	10	---	61.2	0.0	8	-8.0
1000378	540	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1000380	541	1	0.0	61.2	66	61.2	10	---	61.2	0.0	8	-8.0
1000382	542	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1000384	543	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000386	544	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000388	545	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000390	546	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000392	547	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0
1000394	548	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0
1000396	549	1	0.0	59.1	66	59.1	10	----	59.1	0.0	8	-8.0
1000398	550	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0
1000400	551	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
1000402	552	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0
1000404	553	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
1000406	554	1	0.0	52.5	66	52.5	10	----	52.5	0.0	8	-8.0
1000408	555	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
1000410	556	1	0.0	52.0	66	52.0	10	----	52.0	0.0	8	-8.0
1000412	557	1	0.0	54.0	66	54.0	10	----	54.0	0.0	8	-8.0
1000414	558	1	0.0	54.9	66	54.9	10	----	54.9	0.0	8	-8.0
1000416	559	1	0.0	55.4	66	55.4	10	----	55.4	0.0	8	-8.0
1000418	560	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0
1000420	561	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0
1000422	562	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0
1000424	563	1	0.0	58.9	66	58.9	10	----	58.9	0.0	8	-8.0
1000426	564	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0
1000428	565	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0
1000430	566	1	0.0	58.5	66	58.5	10	----	58.5	0.0	8	-8.0
1000432	567	1	0.0	59.4	66	59.4	10	----	59.4	0.0	8	-8.0
1000434	568	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0
1000436	569	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0
1000438	570	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
1000440	571	1	0.0	55.3	66	55.3	10	----	55.3	0.0	8	-8.0
1000442	572	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0
1000444	573	1	0.0	52.1	66	52.1	10	----	52.1	0.0	8	-8.0
1000446	574	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
1000448	575	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
1000450	576	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
1000452	577	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0
1000454	578	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
1000456	579	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
1000458	580	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
1000460	581	1	0.0	51.2	66	51.2	10	----	51.2	0.0	8	-8.0
1000462	582	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0
1000464	583	1	0.0	55.4	66	55.4	10	----	55.4	0.0	8	-8.0
5001	711	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8	-8.0
5003	712	1	0.0	46.3	66	46.3	10	----	46.3	0.0	8	-8.0
5005	713	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5007	714	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
5009	715	1	0.0	64.5	66	64.5	10	---	64.5	0.0	8	-8.0
5011	716	1	0.0	63.9	66	63.9	10	---	63.9	0.0	8	-8.0
5013	717	1	0.0	64.9	66	64.9	10	---	64.9	0.0	8	-8.0
5015	718	1	0.0	44.4	66	44.4	10	---	44.4	0.0	8	-8.0
5017	719	1	0.0	41.8	66	41.8	10	---	41.8	0.0	8	-8.0
5019	720	1	0.0	39.9	66	39.9	10	---	39.9	0.0	8	-8.0
5021	721	1	0.0	39.3	66	39.3	10	---	39.3	0.0	8	-8.0
5023	722	1	0.0	37.6	66	37.6	10	---	37.6	0.0	8	-8.0
5025	723	1	0.0	37.7	66	37.7	10	---	37.7	0.0	8	-8.0
5027	724	1	0.0	37.3	66	37.3	10	---	37.3	0.0	8	-8.0
5029	725	1	0.0	37.4	66	37.4	10	---	37.4	0.0	8	-8.0
5031	726	1	0.0	39.6	66	39.6	10	---	39.6	0.0	8	-8.0
5033	727	1	0.0	40.8	66	40.8	10	---	40.8	0.0	8	-8.0
5035	728	1	0.0	45.0	66	45.0	10	---	45.0	0.0	8	-8.0
5036	729	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
5501	730	1	0.0	42.5	66	42.5	10	---	42.5	0.0	8	-8.0
5503	731	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
5505	732	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
5507	733	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
5509	734	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
5511	735	1	0.0	46.8	66	46.8	10	---	46.8	0.0	8	-8.0
5513	736	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
5515	694	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
5517	737	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
5519	738	1	0.0	44.7	66	44.7	10	---	44.7	0.0	8	-8.0
5521	739	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
5523	740	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
5525	741	1	0.0	46.1	66	46.1	10	---	46.1	0.0	8	-8.0
5527	742	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0
5529	743	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
5531	744	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
5533	745	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
5535	746	1	0.0	42.0	66	42.0	10	---	42.0	0.0	8	-8.0
5537	747	1	0.0	39.2	66	39.2	10	---	39.2	0.0	8	-8.0
5539	748	1	0.0	39.2	66	39.2	10	---	39.2	0.0	8	-8.0
5541	749	1	0.0	38.5	66	38.5	10	---	38.5	0.0	8	-8.0
5543	750	1	0.0	38.3	66	38.3	10	---	38.3	0.0	8	-8.0
5545	751	1	0.0	38.2	66	38.2	10	---	38.2	0.0	8	-8.0
5547	752	1	0.0	37.0	66	37.0	10	---	37.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5549	753	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5551	754	1	0.0	36.8	66	36.8	10	---	36.8	0.0	8	-8.0
5553	755	1	0.0	36.8	66	36.8	10	---	36.8	0.0	8	-8.0
5555	756	1	0.0	36.7	66	36.7	10	---	36.7	0.0	8	-8.0
5557	757	1	0.0	37.0	66	37.0	10	---	37.0	0.0	8	-8.0
5559	758	1	0.0	36.9	66	36.9	10	---	36.9	0.0	8	-8.0
5561	760	1	0.0	37.4	66	37.4	10	---	37.4	0.0	8	-8.0
5563	761	1	0.0	37.6	66	37.6	10	---	37.6	0.0	8	-8.0
5565	762	1	0.0	37.1	66	37.1	10	---	37.1	0.0	8	-8.0
5567	763	1	0.0	37.5	66	37.5	10	---	37.5	0.0	8	-8.0
5569	764	1	0.0	37.8	66	37.8	10	---	37.8	0.0	8	-8.0
5571	765	1	0.0	38.2	66	38.2	10	---	38.2	0.0	8	-8.0
5573	766	1	0.0	38.5	66	38.5	10	---	38.5	0.0	8	-8.0
5575	767	1	0.0	38.8	66	38.8	10	---	38.8	0.0	8	-8.0
5577	768	1	0.0	39.0	66	39.0	10	---	39.0	0.0	8	-8.0
5579	769	1	0.0	39.4	66	39.4	10	---	39.4	0.0	8	-8.0
5581	8	1	0.0	39.7	66	39.7	10	---	39.7	0.0	8	-8.0
5583	771	1	0.0	40.0	66	40.0	10	---	40.0	0.0	8	-8.0
5585	772	1	0.0	40.3	66	40.3	10	---	40.3	0.0	8	-8.0
5587	773	1	0.0	40.5	66	40.5	10	---	40.5	0.0	8	-8.0
check 5589	774	1	0.0	42.5	66	42.5	10	---	42.5	0.0	8	-8.0
5591	775	1	0.0	43.3	66	43.3	10	---	43.3	0.0	8	-8.0
check 5592	776	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
7504	777	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
7501	778	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
7503	779	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
7505	780	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
7507	781	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
7509	782	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
7511	783	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
7513	784	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
7515	785	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
7517	786	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
7519	787	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
7521	788	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
7523	789	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7525	790	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7527	791	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7529	792	1	0.0	48.5	66	48.5	10	---	48.5	0.0	8	-8.0
7531	793	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7533	794	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
7535	795	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
7537	796	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
7539	797	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
7541	798	1	0.0	45.1	66	45.1	10	---	45.1	0.0	8	-8.0
7543	799	1	0.0	44.8	66	44.8	10	---	44.8	0.0	8	-8.0
7545	800	1	0.0	44.8	66	44.8	10	---	44.8	0.0	8	-8.0
7547	801	1	0.0	45.2	66	45.2	10	---	45.2	0.0	8	-8.0
7549	802	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
7551	803	1	0.0	44.2	66	44.2	10	---	44.2	0.0	8	-8.0
7553	804	1	0.0	44.2	66	44.2	10	---	44.2	0.0	8	-8.0
7555	805	1	0.0	44.7	66	44.7	10	---	44.7	0.0	8	-8.0
7559	807	1	0.0	47.1	66	47.1	10	---	47.1	0.0	8	-8.0
7561	808	1	0.0	47.7	66	47.7	10	---	47.7	0.0	8	-8.0
7563	809	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
7565	810	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
7567	811	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
7569	812	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
7571	813	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
7573	814	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
7575	815	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
7577	816	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
7579	817	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
7581	818	1	0.0	45.4	66	45.4	10	---	45.4	0.0	8	-8.0
7583	819	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
7585	820	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
7587	821	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
7589	823	1	0.0	46.3	66	46.3	10	---	46.3	0.0	8	-8.0
7591	824	1	0.0	44.9	66	44.9	10	---	44.9	0.0	8	-8.0
7593	825	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
7595	826	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
7597	827	1	0.0	45.1	66	45.1	10	---	45.1	0.0	8	-8.0
7599	828	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
7601	829	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
7603	830	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
7605	831	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
7607	832	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
7609	833	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
7611	834	1	0.0	46.5	66	46.5	10	---	46.5	0.0	8	-8.0
7613	835	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7615	836	1	0.0	47.9	66	47.9	10	---	47.9	0.0	8	-8.0
7617	837	1	0.0	48.4	66	48.4	10	---	48.4	0.0	8	-8.0
7619	838	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
7621	839	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
7623	840	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
7625	841	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
7627	842	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
7629	843	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
7631	844	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
7633	845	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
7635	846	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
7637	847	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
7639	848	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
7641	849	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
7643	850	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
7644	852	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	599	0.0	0.0	0.0
All Impacted	11	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

9 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Buckner

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h	No Barrier					With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal	
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal		
dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB				
1001	1	1	0.0	49.5	66	49.5	10	----	49.5	0.0	8	-8.0	
1003	2	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0	
1005	3	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0	
1007	4	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0	
1009	5	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0	
1011	6	1	0.0	54.9	66	54.9	10	----	54.9	0.0	8	-8.0	
1013	7	1	0.0	56.8	66	56.8	10	----	56.8	0.0	8	-8.0	
1015	8	1	0.0	59.7	66	59.7	10	----	59.7	0.0	8	-8.0	
1017	9	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0	
1019	10	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0	
1021	11	1	0.0	59.1	66	59.1	10	----	59.1	0.0	8	-8.0	
1023	12	1	0.0	56.4	66	56.4	10	----	56.4	0.0	8	-8.0	
1025	13	1	0.0	55.0	66	55.0	10	----	55.0	0.0	8	-8.0	
1027	14	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0	
1029	15	1	0.0	52.2	66	52.2	10	----	52.2	0.0	8	-8.0	
1031	16	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0	
1033	17	1	0.0	49.8	66	49.8	10	----	49.8	0.0	8	-8.0	
1035	18	1	0.0	51.1	66	51.1	10	----	51.1	0.0	8	-8.0	
1037	19	1	0.0	52.0	66	52.0	10	----	52.0	0.0	8	-8.0	
1039	20	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0	
1041	21	1	0.0	53.8	66	53.8	10	----	53.8	0.0	8	-8.0	
1043	22	1	0.0	59.6	66	59.6	10	----	59.6	0.0	8	-8.0	
1047	24	1	0.0	67.8	66	67.8	10	Snd Lvl	67.8	0.0	8	-8.0	

RESULTS: SOUND LEVELS

Route N EA

1049	25	1	0.0	66.9	66	66.9	10	Snd Lvl	66.9	0.0	8	-8.0
1051	26	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1053	27	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
1055	28	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1057	29	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1059	30	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1061	31	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1063	32	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1065	33	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1067	34	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1069	35	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1071	36	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1073	37	1	0.0	65.2	66	65.2	10	---	65.2	0.0	8	-8.0
1077	39	1	0.0	75.1	66	75.1	10	Snd Lvl	75.1	0.0	8	-8.0
1079	40	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1081	41	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1083	42	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1085	43	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1087	44	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1089	45	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1093	47	1	0.0	67.0	66	67.0	10	Snd Lvl	67.0	0.0	8	-8.0
1095	48	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1097	49	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1099	50	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1101	51	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1103	52	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1105	53	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1107	54	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1109	55	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1111	56	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1113	57	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1115	58	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1117	59	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1119	60	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1121	61	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1123	62	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1125	63	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1127	64	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1129	65	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
1131	66	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route NEA

1133	67	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1135	68	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1137	69	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1139	70	1	0.0	62.6	66	62.6	10	---	62.6	0.0	8	-8.0
1141	71	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1143	72	1	0.0	64.2	66	64.2	10	---	64.2	0.0	8	-8.0
1145	73	1	0.0	63.5	66	63.5	10	---	63.5	0.0	8	-8.0
1147	74	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1149	75	1	0.0	63.6	66	63.6	10	---	63.6	0.0	8	-8.0
1151	76	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1153	77	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1155	78	1	0.0	65.8	66	65.8	10	---	65.8	0.0	8	-8.0
1157	79	1	0.0	62.6	66	62.6	10	---	62.6	0.0	8	-8.0
1159	80	1	0.0	65.5	66	65.5	10	---	65.5	0.0	8	-8.0
1161	81	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1163	82	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1165	83	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1167	84	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1169	85	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1171	86	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1173	87	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1175	88	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1177	89	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1179	90	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1181	91	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1183	92	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1185	93	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1187	94	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1189	95	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1191	96	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1193	97	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
1195	98	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1197	99	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1199	100	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1201	101	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1203	102	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1205	103	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1207	104	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1209	105	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1211	106	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1213	107	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
1215	108	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1217	109	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1219	110	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1221	111	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1223	112	1	0.0	61.2	66	61.2	10	---	61.2	0.0	8	-8.0
1225	113	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1227	114	1	0.0	62.6	66	62.6	10	---	62.6	0.0	8	-8.0
1229	115	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1231	116	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1233	117	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1235	118	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1237	119	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1239	120	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1241	121	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1243	122	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1245	123	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1247	124	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1249	125	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1251	126	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1253	127	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1255	128	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1257	129	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1259	130	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1261	131	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1263	132	1	0.0	59.9	66	59.9	10	---	59.9	0.0	8	-8.0
1265	133	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1267	134	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1269	135	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1271	136	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1273	137	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1275	138	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1277	139	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1279	140	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1281	141	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1283	142	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1285	143	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1287	144	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1289	145	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1291	146	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1293	147	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
1295	148	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1297	149	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1299	150	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1301	151	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1303	152	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1305	153	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1307	154	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1309	155	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1311	156	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1313	157	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1315	158	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1317	159	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1319	160	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1321	161	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1323	162	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1325	163	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1327	164	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1329	165	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1331	166	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
1333	167	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1335	168	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1337	169	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1339	170	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1341	171	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1343	172	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0
1345	173	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1347	174	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1349	175	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1351	176	1	0.0	62.3	66	62.3	10	---	62.3	0.0	8	-8.0
1353	177	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1355	178	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
1357	179	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1359	180	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1361	181	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1363	182	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1365	183	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1367	184	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1369	185	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1371	186	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1373	187	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1375	188	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1377	189	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1379	190	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1381	191	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1383	192	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1385	193	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1387	194	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1389	195	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1391	196	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1393	197	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1395	198	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
1397	199	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1399	200	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1401	201	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1403	202	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1405	203	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1407	204	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1409	205	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1411	206	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1413	207	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1415	208	1	0.0	54.2	66	54.2	10	---	54.2	0.0	1	-8.0
1417	209	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1419	210	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1421	211	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1423	212	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1425	213	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1427	214	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1429	215	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1431	216	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1433	217	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1435	218	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1437	219	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1439	220	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1441	221	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1443	222	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1445	223	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1447	224	1	0.0	62.7	66	62.7	10	---	62.7	0.0	8	-8.0
1449	225	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1451	226	1	0.0	60.9	66	60.9	10	---	60.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1453	227	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1455	228	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1457	229	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
1458	230	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000001	231	1	0.0	67.5	66	67.5	10	Snd Lvl	67.5	0.0	8	-8.0
1000003	232	1	0.0	64.7	66	64.7	10	---	64.7	0.0	8	-8.0
1000005	233	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1000007	234	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1000009	235	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1000011	236	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0
1000013	237	1	0.0	74.3	66	74.3	10	Snd Lvl	74.3	0.0	8	-8.0
1000015	238	1	0.0	71.2	66	71.2	10	Snd Lvl	71.2	0.0	8	-8.0
1000017	239	1	0.0	63.8	66	63.8	10	---	63.8	0.0	8	-8.0
1000019	240	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
1000021	241	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
1000023	242	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1000025	243	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1000027	244	1	0.0	61.2	66	61.2	10	---	61.2	0.0	8	-8.0
1000029	245	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1000033	247	1	0.0	61.2	66	61.2	10	---	61.2	0.0	8	-8.0
1000035	248	1	0.0	64.5	66	64.5	10	---	64.5	0.0	8	-8.0
1000037	249	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000039	250	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000041	251	1	0.0	61.1	66	61.1	10	---	61.1	0.0	8	-8.0
1000043	252	1	0.0	64.3	66	64.3	10	---	64.3	0.0	8	-8.0
1000045	253	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000047	254	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000049	255	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000051	256	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000053	257	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1000055	258	1	0.0	61.1	66	61.1	10	---	61.1	0.0	8	-8.0
1000057	259	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1000059	260	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000061	261	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1000063	262	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000065	263	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000067	264	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000069	265	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000071	266	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000073	267	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000075	268	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000077	269	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000079	270	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000081	271	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000083	272	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000085	273	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000087	274	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1000089	275	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000091	276	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1000093	277	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
1000095	278	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1000097	279	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
1000099	280	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1000101	281	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1000103	282	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1000105	283	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1000107	284	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000109	285	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000111	286	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000113	287	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000115	288	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000117	289	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000119	290	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000121	291	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1000123	292	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000125	293	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000127	294	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000129	295	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000131	296	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000133	297	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000135	298	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000137	299	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000139	300	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000141	301	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000143	302	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000145	303	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000147	304	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000149	305	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000151	306	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000153	307	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000155	308	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000157	309	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000159	310	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000161	311	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000163	312	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1000165	313	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000167	314	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000169	315	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
1000171	316	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1000173	317	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1000175	318	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1000177	319	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1000179	320	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1000181	321	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1000183	322	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1000185	323	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1000187	324	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1000189	325	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1000191	326	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1000193	327	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1000195	328	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
1000197	329	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1000199	330	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000201	331	1	0.0	65.0	66	65.0	10	---	65.0	0.0	8	-8.0
1000203	332	1	0.0	65.1	66	65.1	10	---	65.1	0.0	8	-8.0
1000205	333	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000207	334	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000209	335	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1000211	336	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1000213	337	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000215	338	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000217	339	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000219	340	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000221	341	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000223	342	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000225	343	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000227	344	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000229	345	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000231	346	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000233	347	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000235	348	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1000237	349	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000239	350	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000241	351	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000243	352	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000245	353	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1000247	354	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000249	355	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1000251	356	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1000253	357	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000255	358	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1000257	359	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000259	360	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
1000261	361	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000263	362	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1000265	363	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1000267	364	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000269	365	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000271	366	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000273	367	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1000275	368	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000277	369	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1000279	370	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1000281	371	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
1000283	372	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
1000285	373	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1000287	374	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1000289	375	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1000291	376	1	0.0	62.8	66	62.8	10	---	62.8	0.0	8	-8.0
1000293	377	1	0.0	64.7	66	64.7	10	---	64.7	0.0	8	-8.0
1000295	378	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000297	379	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000299	380	1	0.0	58.0	66	58.0	10	---	58.0	0.0	8	-8.0
1000301	381	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1000303	382	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1000305	383	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
1000307	384	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000309	385	1	0.0	63.0	66	63.0	10	---	63.0	0.0	8	-8.0
1000311	386	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1000313	387	1	0.0	62.8	66	62.8	10	---	62.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000315	388	1	0.0	62.7	66	62.7	10	---	62.7	0.0	8	-8.0
1000317	389	1	0.0	62.7	66	62.7	10	---	62.7	0.0	8	-8.0
1000319	390	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
1000321	391	1	0.0	61.7	66	61.7	10	----	61.7	0.0	8	-8.0
1000323	392	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1000325	393	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000327	394	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000329	395	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000331	396	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000333	397	1	0.0	52.7	66	52.7	10	----	52.7	0.0	8	-8.0
1000335	398	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000337	399	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000339	400	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1000341	401	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000343	402	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000344	403	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000346	404	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000348	405	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000350	406	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
1000352	407	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000354	408	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
1000356	409	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000358	410	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000360	411	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1000362	412	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000364	413	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000366	414	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000368	415	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1000370	416	1	0.0	56.9	66	56.9	10	----	56.9	0.0	8	-8.0
1000372	417	1	0.0	57.9	66	57.9	10	----	57.9	0.0	8	-8.0
1000374	418	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0
1000376	419	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
1000378	420	1	0.0	63.1	66	63.1	10	----	63.1	0.0	8	-8.0
1000380	421	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
1000382	422	1	0.0	60.3	66	60.3	10	----	60.3	0.0	8	-8.0
1000384	423	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0
1000386	424	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0
1000388	425	1	0.0	56.7	66	56.7	10	----	56.7	0.0	8	-8.0
1000390	426	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000392	427	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000394	428	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1000396	429	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1000398	430	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1000400	431	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000402	432	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000404	433	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000406	434	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000408	435	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000410	436	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000412	437	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000414	438	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000416	439	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1000418	440	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000420	441	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1000422	442	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000424	443	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1000426	444	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1000428	445	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1000430	446	1	0.0	59.1	66	59.1	10	---	59.1	0.0	8	-8.0
1000432	447	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1000434	448	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
1000436	449	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1000438	450	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1000440	451	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000442	452	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000444	453	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1000446	454	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000448	455	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1000450	456	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000452	457	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000454	458	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000456	459	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000458	460	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000460	461	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000462	462	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1000464	463	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
5001	464	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
5003	465	1	0.0	44.5	66	44.5	10	---	44.5	0.0	8	-8.0
5005	466	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
5007	467	1	0.0	64.6	66	64.6	10	---	64.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA												
5009	468	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
5011	469	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
5013	470	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
5015	471	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0
5019	473	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
5021	474	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
5023	475	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0
5025	476	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
5027	477	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0
5029	478	1	0.0	62.1	66	62.1	10	---	62.1	0.0	8	-8.0
5031	479	1	0.0	69.2	66	69.2	10	Snd Lvl	69.2	0.0	8	-8.0
5033	480	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
5035	481	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
5036	482	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
5501	483	1	0.0	41.4	66	41.4	10	---	41.4	0.0	8	-8.0
5503	484	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
5505	485	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
5507	486	1	0.0	45.2	66	45.2	10	---	45.2	0.0	8	-8.0
5509	487	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
5511	488	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
5513	489	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
5515	490	1	0.0	64.1	66	64.1	10	---	64.1	0.0	8	-8.0
5517	491	1	0.0	46.3	66	46.3	10	---	46.3	0.0	8	-8.0
5519	492	1	0.0	45.0	66	45.0	10	---	45.0	0.0	8	-8.0
5521	493	1	0.0	43.7	66	43.7	10	---	43.7	0.0	8	-8.0
5523	494	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
5525	495	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
5527	496	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
5529	497	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
5531	498	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
5533	499	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
5535	500	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
5537	501	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
5539	502	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
5541	503	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
5543	504	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
5545	505	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
5547	506	1	0.0	50.4	66	50.4	10	---	50.4	0.0	8	-8.0
5549	507	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
5551	508	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5553	509	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
5555	510	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
5557	511	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
5559	512	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
5561	513	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
5563	514	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
5565	515	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
5567	516	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
5569	517	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
5571	518	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
5573	519	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
5575	520	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
5577	521	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
5579	522	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
5581	523	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
5583	524	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
5585	525	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
5587	526	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
check 5589	527	1	0.0	45.7	66	45.7	10	---	45.7	0.0	8	-8.0
5591	528	1	0.0	46.1	66	46.1	10	---	46.1	0.0	8	-8.0
check 5592	529	1	0.0	46.5	66	46.5	10	---	46.5	0.0	8	-8.0
7504	530	1	0.0	46.9	66	46.9	10	---	46.9	0.0	8	-8.0
7501	531	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
7503	532	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
7505	533	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
7507	534	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
7509	535	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
7511	536	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
7513	537	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
7515	538	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
7517	539	1	0.0	56.7	66	56.7	10	---	56.7	0.0	8	-8.0
7519	540	1	0.0	57.4	66	57.4	10	---	57.4	0.0	8	-8.0
7521	541	1	0.0	62.3	66	62.3	10	---	62.3	0.0	8	-8.0
7523	542	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
7525	543	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
7527	544	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
7529	545	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
7531	546	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
7533	547	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
7535	548	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7537	549	1	0.0	47.8	66	47.8	10	----	47.8	0.0	8	-8.0
7539	550	1	0.0	46.7	66	46.7	10	----	46.7	0.0	8	-8.0
7541	551	1	0.0	45.7	66	45.7	10	----	45.7	0.0	8	-8.0
7543	552	1	0.0	45.3	66	45.3	10	----	45.3	0.0	8	-8.0
7545	553	1	0.0	45.3	66	45.3	10	----	45.3	0.0	8	-8.0
7547	554	1	0.0	45.8	66	45.8	10	----	45.8	0.0	8	-8.0
7549	555	1	0.0	46.2	66	46.2	10	----	46.2	0.0	8	-8.0
7551	556	1	0.0	45.1	66	45.1	10	----	45.1	0.0	8	-8.0
7553	557	1	0.0	45.0	66	45.0	10	----	45.0	0.0	8	-8.0
7555	558	1	0.0	45.6	66	45.6	10	----	45.6	0.0	8	-8.0
7559	559	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0
7561	560	1	0.0	49.2	66	49.2	10	----	49.2	0.0	8	-8.0
7563	561	1	0.0	50.5	66	50.5	10	----	50.5	0.0	8	-8.0
7565	562	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
7567	563	1	0.0	60.1	66	60.1	10	----	60.1	0.0	8	-8.0
7569	564	1	0.0	53.7	66	53.7	10	----	53.7	0.0	8	-8.0
7571	565	1	0.0	56.2	66	56.2	10	----	56.2	0.0	8	-8.0
7573	566	1	0.0	54.6	66	54.6	10	----	54.6	0.0	8	-8.0
7575	567	1	0.0	52.4	66	52.4	10	----	52.4	0.0	8	-8.0
7577	568	1	0.0	58.1	66	58.1	10	----	58.1	0.0	8	-8.0
7579	569	1	0.0	49.9	66	49.9	10	----	49.9	0.0	8	-8.0
7581	570	1	0.0	46.0	66	46.0	10	----	46.0	0.0	8	-8.0
7583	571	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
7585	572	1	0.0	59.6	66	59.6	10	----	59.6	0.0	8	-8.0
7587	573	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0
7589	574	1	0.0	47.6	66	47.6	10	----	47.6	0.0	8	-8.0
7591	575	1	0.0	46.4	66	46.4	10	----	46.4	0.0	8	-8.0
7593	576	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
7595	577	1	0.0	53.4	66	53.4	10	----	53.4	0.0	8	-8.0
7597	578	1	0.0	46.6	66	46.6	10	----	46.6	0.0	8	-8.0
7599	579	1	0.0	47.3	66	47.3	10	----	47.3	0.0	8	-8.0
7601	580	1	0.0	48.7	66	48.7	10	----	48.7	0.0	8	-8.0
7603	581	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0
7605	582	1	0.0	58.1	66	58.1	10	----	58.1	0.0	8	-8.0
7607	583	1	0.0	56.8	66	56.8	10	----	56.8	0.0	8	-8.0
7609	584	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0
7611	585	1	0.0	48.0	66	48.0	10	----	48.0	0.0	8	-8.0
7613	586	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0
7615	587	1	0.0	49.3	66	49.3	10	----	49.3	0.0	8	-8.0
7617	588	1	0.0	49.8	66	49.8	10	----	49.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7619	589	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
7621	590	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
7623	591	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
7625	592	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
7627	593	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
7629	594	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
7631	595	1	0.0	63.9	66	63.9	10	---	63.9	0.0	8	-8.0
7633	596	1	0.0	62.6	66	62.6	10	---	62.6	0.0	8	-8.0
7635	597	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
7637	598	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
7639	599	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
7641	600	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
7643	601	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
7644	602	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	597	0.0	0.0	0.0
All Impacted	10	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

RESULTS: SOUND LEVELS

Route N EA

#1 NS

Jacobs
RLM

9 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Near South

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Original Neck south - 2002 Two mats are attached

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier					With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA	
				Calculated	Crit'n	Calculated	Crit'n			Sub'l Inc	Calculated		Goal
1001	1	1	0.0	47.9	66	47.9	10	---	47.9	0.0	8	-8.0	
1003	2	1	0.0	48.4	66	48.4	10	---	48.4	0.0	8	-8.0	
1005	3	1	0.0	49.2	66	49.2	10	---	49.2	0.0	8	-8.0	
1007	4	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0	
1009	5	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0	
1011	6	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0	
1013	7	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0	
1015	8	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0	
1017	9	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0	
1019	10	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0	
1021	11	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0	
1023	12	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0	
1025	13	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0	
1027	14	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0	
1029	15	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0	
1031	16	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0	
1033	17	1	0.0	47.9	66	47.9	10	---	47.9	0.0	8	-8.0	
1035	18	1	0.0	47.7	66	47.7	10	---	47.7	0.0	8	-8.0	
1037	19	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0	
1039	20	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0	
1041	21	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0	
1043	22	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0	
1045	23	1	0.0	70.4	66	70.4	10	Snd Lvl	70.4	0.0	8	-8.0	

See Reduct #2

RESULTS: SOUND LEVELS

Route N EA

1047	24	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1049	25	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1051	26	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1053	27	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1055	28	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1057	29	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1059	30	1	0.0	50.1	66	50.1	10	---	50.1	0.0	8	-8.0
1061	31	1	0.0	49.6	66	49.6	10	---	49.6	0.0	8	-8.0
1063	32	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1065	33	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1067	34	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1069	35	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1071	36	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1073	37	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
1075	38	1	0.0	70.0	66	70.0	10	Snd Lvl	70.0	0.0	8	-8.0
1077	39	1	0.0	67.2	66	67.2	10	Snd Lvl	67.2	0.0	8	-8.0
1079	40	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1081	41	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1083	42	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
1085	43	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
1087	44	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1089	45	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1093	47	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
1095	48	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1097	49	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1099	50	1	0.0	59.4	66	59.4	10	---	59.4	0.0	8	-8.0
1101	51	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1103	52	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1105	53	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1107	54	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1109	55	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1111	56	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1113	57	1	0.0	50.8	66	50.8	10	---	50.8	0.0	8	-8.0
1115	58	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1117	59	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1119	60	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1121	61	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1123	62	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0
1125	63	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1127	64	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1129	65	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1131	66	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
1133	67	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
1135	68	1	0.0	48.4	66	48.4	10	---	48.4	0.0	8	-8.0
1137	69	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1139	70	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1141	71	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1143	72	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1145	73	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1147	74	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1149	75	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1151	76	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1153	77	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
1155	78	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1157	79	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1159	80	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1161	81	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1163	82	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
1165	83	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
1167	84	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0
1169	85	1	0.0	49.5	66	49.5	10	---	49.5	0.0	8	-8.0
1171	86	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
1173	87	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
1175	88	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
1177	89	1	0.0	48.2	66	48.2	10	---	48.2	0.0	8	-8.0
1179	90	1	0.0	47.5	66	47.5	10	---	47.5	0.0	8	-8.0
1181	91	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
1183	92	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
1185	93	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1187	94	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	-8.0
1189	95	1	0.0	46.9	66	46.9	10	---	46.9	0.0	8	-8.0
1191	96	1	0.0	46.3	66	46.3	10	---	46.3	0.0	8	-8.0
1193	97	1	0.0	45.9	66	45.9	10	---	45.9	0.0	8	-8.0
1195	98	1	0.0	46.3	66	46.3	10	---	46.3	0.0	8	-8.0
1197	99	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1199	100	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1201	101	1	0.0	48.6	66	48.6	10	---	48.6	0.0	8	-8.0
1203	102	1	0.0	48.7	66	48.7	10	---	48.7	0.0	8	-8.0
1205	103	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0
1207	104	1	0.0	48.8	66	48.8	10	---	48.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1209	105	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
1211	106	1	0.0	46.4	66	46.4	10	---	46.4	0.0	8	-8.0
1213	107	1	0.0	46.2	66	46.2	10	---	46.2	0.0	8	-8.0
1215	108	1	0.0	46.7	66	46.7	10	---	46.7	0.0	8	-8.0
1217	109	1	0.0	48.0	66	48.0	10	---	48.0	0.0	8	-8.0
1219	110	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1221	111	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1223	112	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1225	113	1	0.0	63.5	66	63.5	10	---	63.5	0.0	8	-8.0
1227	114	1	0.0	66.0	66	66.0	10	Snd Lvl	66.0	0.0	8	-8.0
1229	115	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	-8.0
1231	116	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1233	117	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1235	118	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1237	119	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1239	120	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1241	121	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
1243	122	1	0.0	57.1	66	57.1	10	---	57.1	0.0	8	-8.0
1245	123	1	0.0	58.1	66	58.1	10	---	58.1	0.0	8	-8.0
1247	124	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1249	125	1	0.0	57.6	66	57.6	10	---	57.6	0.0	8	-8.0
1251	126	1	0.0	51.3	66	51.3	10	---	51.3	0.0	8	-8.0
1253	127	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1255	128	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1257	129	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1259	130	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1261	131	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1263	132	1	0.0	61.6	66	61.6	10	---	61.6	0.0	8	-8.0
1265	133	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1267	134	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1269	135	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1271	136	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1273	137	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1275	138	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1277	139	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1279	140	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1281	141	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
1283	142	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1285	143	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1287	144	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1289	145	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1291	146	1	0.0	58.8	66	58.8	10	---	58.8	0.0	8	-8.0
1293	147	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1295	148	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1297	149	1	0.0	59.0	66	59.0	10	---	59.0	0.0	8	-8.0
1299	150	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1301	151	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1303	152	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1305	153	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1307	154	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1309	155	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1311	156	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1313	157	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1315	158	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1317	159	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1319	160	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1321	161	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1323	162	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1325	163	1	0.0	50.9	66	50.9	10	---	50.9	0.0	8	-8.0
1327	164	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1329	165	1	0.0	52.4	66	52.4	10	---	52.4	0.0	8	-8.0
1331	166	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
1333	167	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1335	168	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1337	169	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1339	170	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1341	171	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1343	172	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1345	173	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1347	174	1	0.0	64.2	66	64.2	10	---	64.2	0.0	8	-8.0
1349	175	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1351	176	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1353	177	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
1355	178	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1357	179	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1359	180	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1361	181	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1363	182	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1365	183	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1367	184	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1369	185	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1371	186	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1373	187	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1375	188	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1377	189	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1379	190	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1381	191	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1383	192	1	0.0	55.4	66	55.4	10	---	55.4	0.0	8	-8.0
1385	193	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1387	194	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1389	195	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1391	196	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1393	197	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1395	198	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1397	199	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1399	200	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1401	201	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1403	202	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
1405	203	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1407	204	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1409	205	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1411	206	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1413	207	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1415	208	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1417	209	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1419	210	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1421	211	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1423	212	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1425	213	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1427	214	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1429	215	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1431	216	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1433	217	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1435	218	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1437	219	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1439	220	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1441	221	1	0.0	54.3	66	54.3	10	---	54.3	0.0	8	-8.0
1443	222	1	0.0	55.7	66	55.7	10	---	55.7	0.0	8	-8.0
1445	223	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1447	224	1	0.0	62.3	66	62.3	10	---	62.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1449	225	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1451	226	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1453	227	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1455	228	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1457	229	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0
1458	230	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000001	231	1	0.0	61.0	66	61.0	10	---	61.0	0.0	8	-8.0
1000003	232	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1000005	233	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000007	234	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1000009	235	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000011	236	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000013	237	1	0.0	68.4	66	68.4	10	Snd Lvl	68.4	0.0	8	-8.0
1000015	238	1	0.0	65.1	66	65.1	10	---	65.1	0.0	8	-8.0
1000017	239	1	0.0	56.1	66	56.1	10	---	56.1	0.0	8	-8.0
1000019	240	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
1000021	241	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
1000023	242	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000025	243	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1000027	244	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
1000029	245	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
1000033	247	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
1000035	248	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000037	249	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1000039	250	1	0.0	63.7	66	63.7	10	---	63.7	0.0	8	-8.0
1000041	251	1	0.0	66.3	66	66.3	10	Snd Lvl	66.3	0.0	8	-8.0
1000043	252	1	0.0	67.5	66	67.5	10	Snd Lvl	67.5	0.0	8	-8.0
1000045	253	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000047	254	1	0.0	54.4	66	54.4	10	---	54.4	0.0	8	-8.0
1000049	255	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000051	256	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1000053	257	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1000055	258	1	0.0	61.3	66	61.3	10	---	61.3	0.0	8	-8.0
1000057	259	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000059	260	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1000061	261	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000063	262	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1000065	263	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000067	264	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000069	265	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000071	266	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1000073	267	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
1000075	268	1	0.0	52.7	66	52.7	10	----	52.7	0.0	8	-8.0
1000077	269	1	0.0	54.9	66	54.9	10	----	54.9	0.0	8	-8.0
1000079	270	1	0.0	55.1	66	55.1	10	----	55.1	0.0	8	-8.0
1000081	271	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
1000083	272	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0
1000085	273	1	0.0	52.2	66	52.2	10	----	52.2	0.0	8	-8.0
1000087	274	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
1000089	275	1	0.0	51.4	66	51.4	10	----	51.4	0.0	8	-8.0
1000091	276	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
1000093	277	1	0.0	50.7	66	50.7	10	----	50.7	0.0	8	-8.0
1000095	278	1	0.0	50.5	66	50.5	10	----	50.5	0.0	8	-8.0
1000097	279	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0
1000099	280	1	0.0	50.7	66	50.7	10	----	50.7	0.0	8	-8.0
1000101	281	1	0.0	51.1	66	51.1	10	----	51.1	0.0	8	-8.0
1000103	282	1	0.0	51.4	66	51.4	10	----	51.4	0.0	8	-8.0
1000105	283	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
1000107	284	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
1000109	285	1	0.0	52.1	66	52.1	10	----	52.1	0.0	8	-8.0
1000111	286	1	0.0	52.4	66	52.4	10	----	52.4	0.0	8	-8.0
1000113	287	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0
1000115	288	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0
1000117	289	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
1000119	290	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
1000121	291	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0
1000123	292	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
1000125	293	1	0.0	56.3	66	56.3	10	----	56.3	0.0	8	-8.0
1000127	294	1	0.0	57.0	66	57.0	10	----	57.0	0.0	8	-8.0
1000129	295	1	0.0	56.9	66	56.9	10	----	56.9	0.0	8	-8.0
1000131	296	1	0.0	56.5	66	56.5	10	----	56.5	0.0	8	-8.0
1000133	297	1	0.0	56.0	66	56.0	10	----	56.0	0.0	8	-8.0
1000135	298	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0
1000137	299	1	0.0	54.8	66	54.8	10	----	54.8	0.0	8	-8.0
1000139	300	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
1000141	301	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1000143	302	1	0.0	53.7	66	53.7	10	----	53.7	0.0	8	-8.0
1000145	303	1	0.0	53.4	66	53.4	10	----	53.4	0.0	8	-8.0
1000147	304	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0
1000149	305	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000151	306	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
1000153	307	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000155	308	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000157	309	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000159	310	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000161	311	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000163	312	1	0.0	55.3	66	55.3	10	---	55.3	0.0	8	-8.0
1000165	313	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000167	314	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000169	315	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000171	316	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000173	317	1	0.0	58.4	66	58.4	10	---	58.4	0.0	8	-8.0
1000175	318	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1000177	319	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1000179	320	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1000181	321	1	0.0	60.8	66	60.8	10	---	60.8	0.0	8	-8.0
1000183	322	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
1000185	323	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1000187	324	1	0.0	62.5	66	62.5	10	---	62.5	0.0	8	-8.0
1000189	325	1	0.0	62.1	66	62.1	10	---	62.1	0.0	8	-8.0
1000191	326	1	0.0	61.5	66	61.5	10	---	61.5	0.0	8	-8.0
1000193	327	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1000195	328	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1000197	329	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000199	330	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1000201	331	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0
1000203	332	1	0.0	65.7	66	65.7	10	---	65.7	0.0	8	-8.0
1000205	333	1	0.0	52.3	66	52.3	10	---	52.3	0.0	8	-8.0
1000207	334	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
1000209	335	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
1000211	336	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000213	337	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000215	338	1	0.0	51.9	66	51.9	10	---	51.9	0.0	8	-8.0
1000217	339	1	0.0	53.8	66	53.8	10	---	53.8	0.0	8	-8.0
1000219	340	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000221	341	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	-8.0
1000223	342	1	0.0	57.9	66	57.9	10	---	57.9	0.0	8	-8.0
1000225	343	1	0.0	54.8	66	54.8	10	---	54.8	0.0	8	-8.0
1000227	344	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000229	345	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000231	346	1	0.0	52.0	66	52.0	10	----	52.0	0.0	8	-8.0
1000233	347	1	0.0	51.4	66	51.4	10	----	51.4	0.0	8	-8.0
1000235	348	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
1000237	349	1	0.0	51.9	66	51.9	10	----	51.9	0.0	8	-8.0
1000239	350	1	0.0	52.2	66	52.2	10	----	52.2	0.0	8	-8.0
1000241	351	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0
1000243	352	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
1000245	353	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
1000247	354	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0
1000249	355	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1000251	356	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
1000253	357	1	0.0	55.3	66	55.3	10	----	55.3	0.0	8	-8.0
1000255	358	1	0.0	56.1	66	56.1	10	----	56.1	0.0	8	-8.0
1000257	359	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0
1000259	360	1	0.0	58.1	66	58.1	10	----	58.1	0.0	8	-8.0
1000261	361	1	0.0	57.0	66	57.0	10	----	57.0	0.0	8	-8.0
1000263	362	1	0.0	56.3	66	56.3	10	----	56.3	0.0	8	-8.0
1000265	363	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0
1000267	364	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0
1000269	365	1	0.0	55.1	66	55.1	10	----	55.1	0.0	8	-8.0
1000271	366	1	0.0	54.4	66	54.4	10	----	54.4	0.0	8	-8.0
1000273	367	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
1000275	368	1	0.0	54.4	66	54.4	10	----	54.4	0.0	8	-8.0
1000277	369	1	0.0	55.3	66	55.3	10	----	55.3	0.0	8	-8.0
1000279	370	1	0.0	56.3	66	56.3	10	----	56.3	0.0	8	-8.0
1000281	371	1	0.0	58.2	66	58.2	10	----	58.2	0.0	8	-8.0
1000283	372	1	0.0	59.1	66	59.1	10	----	59.1	0.0	8	-8.0
1000285	373	1	0.0	59.3	66	59.3	10	----	59.3	0.0	8	-8.0
1000287	374	1	0.0	60.2	66	60.2	10	----	60.2	0.0	8	-8.0
1000289	375	1	0.0	60.8	66	60.8	10	----	60.8	0.0	8	-8.0
1000291	376	1	0.0	63.1	66	63.1	10	----	63.1	0.0	8	-8.0
1000293	377	1	0.0	65.9	66	65.9	10	----	65.9	0.0	8	-8.0
1000295	378	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0
1000297	379	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
1000299	380	1	0.0	58.2	66	58.2	10	----	58.2	0.0	8	-8.0
1000301	381	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0
1000303	382	1	0.0	58.9	66	58.9	10	----	58.9	0.0	8	-8.0
1000305	383	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0
1000307	384	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0
1000309	385	1	0.0	63.9	66	63.9	10	----	63.9	0.0	8	-8.0

RESULTS: SOUND LEVELS

				Route N EA								
1000311	386	1	0.0	63.6	66	63.6	10	---	63.6	0.0	8	-8.0
1000313	387	1	0.0	63.3	66	63.3	10	---	63.3	0.0	8	-8.0
1000315	388	1	0.0	63.1	66	63.1	10	---	63.1	0.0	8	-8.0
1000317	389	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1000319	390	1	0.0	62.9	66	62.9	10	---	62.9	0.0	8	-8.0
1000321	391	1	0.0	61.7	66	61.7	10	---	61.7	0.0	8	-8.0
1000323	392	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1000325	393	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000327	394	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
1000329	395	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000331	396	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000333	397	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000335	398	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
1000337	399	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000339	400	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
1000341	401	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000343	402	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1000344	403	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000346	404	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000348	405	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000350	406	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1000352	407	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000354	408	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0
1000356	409	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
1000358	410	1	0.0	55.0	66	55.0	10	---	55.0	0.0	8	-8.0
1000360	411	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000362	412	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000364	413	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
1000366	414	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0
1000368	415	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1000370	416	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000372	417	1	0.0	57.8	66	57.8	10	---	57.8	0.0	8	-8.0
1000374	418	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000376	419	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1000378	420	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	-8.0
1000380	421	1	0.0	61.9	66	61.9	10	---	61.9	0.0	8	-8.0
1000382	422	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
1000384	423	1	0.0	58.2	66	58.2	10	---	58.2	0.0	8	-8.0
1000386	424	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1000388	425	1	0.0	56.6	66	56.6	10	---	56.6	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

1000390	426	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000392	427	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
1000394	428	1	0.0	60.2	66	60.2	10	---	60.2	0.0	8	-8.0
1000396	429	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1000398	430	1	0.0	60.6	66	60.6	10	---	60.6	0.0	8	-8.0
1000400	431	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000402	432	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000404	433	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
1000406	434	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1000408	435	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000410	436	1	0.0	53.0	66	53.0	10	---	53.0	0.0	8	-8.0
1000412	437	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
1000414	438	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
1000416	439	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1000418	440	1	0.0	56.8	66	56.8	10	---	56.8	0.0	8	-8.0
1000420	441	1	0.0	56.9	66	56.9	10	---	56.9	0.0	8	-8.0
1000422	442	1	0.0	57.0	66	57.0	10	---	57.0	0.0	8	-8.0
1000424	443	1	0.0	60.3	66	60.3	10	---	60.3	0.0	8	-8.0
1000426	444	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1000428	445	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
1000430	446	1	0.0	59.7	66	59.7	10	---	59.7	0.0	8	-8.0
1000432	447	1	0.0	60.7	66	60.7	10	---	60.7	0.0	8	-8.0
1000434	448	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1000436	449	1	0.0	60.5	66	60.5	10	---	60.5	0.0	8	-8.0
1000438	450	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
1000440	451	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
1000442	452	1	0.0	54.5	66	54.5	10	---	54.5	0.0	8	-8.0
1000444	453	1	0.0	53.1	66	53.1	10	---	53.1	0.0	8	-8.0
1000446	454	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000448	455	1	0.0	52.8	66	52.8	10	---	52.8	0.0	8	-8.0
1000450	456	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1000452	457	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
1000454	458	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
1000456	459	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
1000458	460	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1000460	461	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
1000462	462	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
1000464	463	1	0.0	56.3	66	56.3	10	---	56.3	0.0	8	-8.0
5001	464	1	0.0	53.5	66	53.5	10	---	53.5	0.0	8	-8.0
5003	465	1	0.0	44.1	66	44.1	10	---	44.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5005	466	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
5007	467	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
5009	468	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
5011	469	1	0.0	57.5	66	57.5	10	---	57.5	0.0	8	-8.0
5013	470	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
5015	471	1	0.0	61.4	66	61.4	10	---	61.4	0.0	8	-8.0
5019	472	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
5021	473	1	0.0	47.8	66	47.8	10	---	47.8	0.0	8	-8.0
5023	474	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
5025	475	1	0.0	44.0	66	44.0	10	---	44.0	0.0	8	-8.0
5027	476	1	0.0	47.4	66	47.4	10	---	47.4	0.0	8	-8.0
5029	477	1	0.0	46.1	66	46.1	10	---	46.1	0.0	8	-8.0
5031	478	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
5033	479	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
5035	480	1	0.0	54.1	66	54.1	10	---	54.1	0.0	8	-8.0
5036	481	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
5501	482	1	0.0	41.0	66	41.0	10	---	41.0	0.0	8	-8.0
5503	483	1	0.0	45.6	66	45.6	10	---	45.6	0.0	8	-8.0
5505	484	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
5507	485	1	0.0	44.8	66	44.8	10	---	44.8	0.0	8	-8.0
5509	486	1	0.0	55.5	66	55.5	10	---	55.5	0.0	8	-8.0
5511	487	1	0.0	46.7	66	46.7	10	---	46.7	0.0	8	-8.0
5513	488	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
5515	489	1	0.0	63.3	66	63.3	10	---	63.3	0.0	8	-8.0
5517	490	1	0.0	45.5	66	45.5	10	---	45.5	0.0	8	-8.0
5519	491	1	0.0	44.1	66	44.1	10	---	44.1	0.0	8	-8.0
5521	492	1	0.0	43.2	66	43.2	10	---	43.2	0.0	8	-8.0
5523	493	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
5525	494	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
5527	495	1	0.0	47.9	66	47.9	10	---	47.9	0.0	8	-8.0
5529	496	1	0.0	52.0	66	52.0	10	---	52.0	0.0	8	-8.0
5531	497	1	0.0	55.9	66	55.9	10	---	55.9	0.0	8	-8.0
5533	498	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
5535	499	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
5537	500	1	0.0	43.0	66	43.0	10	---	43.0	0.0	8	-8.0
5539	501	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
5541	502	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
5543	503	1	0.0	46.6	66	46.6	10	---	46.6	0.0	8	-8.0
5545	504	1	0.0	49.3	66	49.3	10	---	49.3	0.0	8	-8.0
5547	505	1	0.0	42.5	66	42.5	10	---	42.5	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

5549	506	1	0.0	43.9	66	43.9	10	---	43.9	0.0	8	-8.0
5551	507	1	0.0	42.7	66	42.7	10	---	42.7	0.0	8	-8.0
5553	508	1	0.0	44.0	66	44.0	10	---	44.0	0.0	8	-8.0
5555	509	1	0.0	45.4	66	45.4	10	---	45.4	0.0	8	-8.0
5557	510	1	0.0	43.5	66	43.5	10	---	43.5	0.0	8	-8.0
5559	511	1	0.0	42.7	66	42.7	10	---	42.7	0.0	8	-8.0
5561	512	1	0.0	46.4	66	46.4	10	---	46.4	0.0	8	-8.0
5563	513	1	0.0	45.7	66	45.7	10	---	45.7	0.0	8	-8.0
5565	514	1	0.0	43.4	66	43.4	10	---	43.4	0.0	8	-8.0
5567	515	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
5569	516	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
5571	517	1	0.0	46.1	66	46.1	10	---	46.1	0.0	8	-8.0
5573	518	1	0.0	44.9	66	44.9	10	---	44.9	0.0	8	-8.0
5575	519	1	0.0	43.5	66	43.5	10	---	43.5	0.0	8	-8.0
5577	520	1	0.0	42.6	66	42.6	10	---	42.6	0.0	8	-8.0
5579	521	1	0.0	42.1	66	42.1	10	---	42.1	0.0	8	-8.0
5581	522	1	0.0	43.2	66	43.2	10	---	43.2	0.0	8	-8.0
5583	523	1	0.0	43.8	66	43.8	10	---	43.8	0.0	8	-8.0
5585	524	1	0.0	43.6	66	43.6	10	---	43.6	0.0	8	-8.0
5587	525	1	0.0	43.9	66	43.9	10	---	43.9	0.0	8	-8.0
check 5589	526	1	0.0	51.7	66	51.7	10	---	51.7	0.0	8	-8.0
5591	527	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
check 5592	528	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
7504	529	1	0.0	45.4	66	45.4	10	---	45.4	0.0	8	-8.0
7501	530	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
7503	531	1	0.0	47.2	66	47.2	10	---	47.2	0.0	8	-8.0
7505	532	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
7507	533	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
7509	534	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
7511	535	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	-8.0
7513	536	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
7515	537	1	0.0	55.1	66	55.1	10	---	55.1	0.0	8	-8.0
7517	538	1	0.0	53.3	66	53.3	10	---	53.3	0.0	8	-8.0
7519	539	1	0.0	53.9	66	53.9	10	---	53.9	0.0	8	-8.0
7521	540	1	0.0	58.5	66	58.5	10	---	58.5	0.0	8	-8.0
7523	541	1	0.0	47.3	66	47.3	10	---	47.3	0.0	8	-8.0
7525	542	1	0.0	47.2	66	47.2	10	---	47.2	0.0	8	-8.0
7527	543	1	0.0	47.2	66	47.2	10	---	47.2	0.0	8	-8.0
7529	544	1	0.0	47.1	66	47.1	10	---	47.1	0.0	8	-8.0
7531	545	1	0.0	47.3	66	47.3	10	---	47.3	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA												
7533	546	1	0.0	47.3	66	47.3	10	---	47.3	0.0	8	-8.0
7535	547	1	0.0	46.4	66	46.4	10	---	46.4	0.0	8	-8.0
7537	548	1	0.0	45.9	66	45.9	10	---	45.9	0.0	8	-8.0
7539	549	1	0.0	45.1	66	45.1	10	---	45.1	0.0	8	-8.0
7541	550	1	0.0	44.5	66	44.5	10	---	44.5	0.0	8	-8.0
7543	551	1	0.0	44.2	66	44.2	10	---	44.2	0.0	8	-8.0
7545	552	1	0.0	44.3	66	44.3	10	---	44.3	0.0	8	-8.0
7547	553	1	0.0	44.6	66	44.6	10	---	44.6	0.0	8	-8.0
7549	554	1	0.0	44.9	66	44.9	10	---	44.9	0.0	8	-8.0
7551	555	1	0.0	44.0	66	44.0	10	---	44.0	0.0	8	-8.0
7553	556	1	0.0	43.9	66	43.9	10	---	43.9	0.0	8	-8.0
7555	557	1	0.0	44.4	66	44.4	10	---	44.4	0.0	8	-8.0
7559	558	1	0.0	46.4	66	46.4	10	---	46.4	0.0	8	-8.0
7561	559	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
7563	560	1	0.0	48.1	66	48.1	10	---	48.1	0.0	8	-8.0
7565	561	1	0.0	51.2	66	51.2	10	---	51.2	0.0	8	-8.0
7567	562	1	0.0	56.4	66	56.4	10	---	56.4	0.0	8	-8.0
7569	563	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
7571	564	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
7573	565	1	0.0	51.4	66	51.4	10	---	51.4	0.0	8	-8.0
7575	566	1	0.0	49.4	66	49.4	10	---	49.4	0.0	8	-8.0
7577	567	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
7579	568	1	0.0	48.0	66	48.0	10	---	48.0	0.0	8	-8.0
7581	569	1	0.0	45.0	66	45.0	10	---	45.0	0.0	8	-8.0
7583	570	1	0.0	50.5	66	50.5	10	---	50.5	0.0	8	-8.0
7585	571	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
7587	572	1	0.0	50.7	66	50.7	10	---	50.7	0.0	8	-8.0
7589	573	1	0.0	46.2	66	46.2	10	---	46.2	0.0	8	-8.0
7591	574	1	0.0	45.6	66	45.6	10	---	45.6	0.0	8	-8.0
7593	575	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	-8.0
7595	576	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
7597	577	1	0.0	45.6	66	45.6	10	---	45.6	0.0	8	-8.0
7599	578	1	0.0	45.8	66	45.8	10	---	45.8	0.0	8	-8.0
7601	579	1	0.0	46.5	66	46.5	10	---	46.5	0.0	8	-8.0
7603	580	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
7605	581	1	0.0	54.6	66	54.6	10	---	54.6	0.0	8	-8.0
7607	582	1	0.0	53.4	66	53.4	10	---	53.4	0.0	8	-8.0
7609	583	1	0.0	50.2	66	50.2	10	---	50.2	0.0	8	-8.0
7611	584	1	0.0	47.0	66	47.0	10	---	47.0	0.0	8	-8.0
7613	585	1	0.0	47.1	66	47.1	10	---	47.1	0.0	8	-8.0

RESULTS: SOUND LEVELS

Route N EA

7615	586	1	0.0	47.8	66	47.8	10	---	47.8	0.0	8	-8.0
7617	587	1	0.0	48.1	66	48.1	10	---	48.1	0.0	8	-8.0
7619	588	1	0.0	48.9	66	48.9	10	---	48.9	0.0	8	-8.0
7621	589	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	-8.0
7623	590	1	0.0	50.3	66	50.3	10	---	50.3	0.0	8	-8.0
7625	591	1	0.0	51.1	66	51.1	10	---	51.1	0.0	8	-8.0
7627	592	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
7629	593	1	0.0	56.0	66	56.0	10	---	56.0	0.0	8	-8.0
7631	594	1	0.0	60.1	66	60.1	10	---	60.1	0.0	8	-8.0
7633	595	1	0.0	58.7	66	58.7	10	---	58.7	0.0	8	-8.0
7635	596	1	0.0	54.9	66	54.9	10	---	54.9	0.0	8	-8.0
7637	597	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	-8.0
7639	598	1	0.0	51.0	66	51.0	10	---	51.0	0.0	8	-8.0
7641	599	1	0.0	50.0	66	50.0	10	---	50.0	0.0	8	-8.0
7643	600	1	0.0	49.9	66	49.9	10	---	49.9	0.0	8	-8.0
7644	601	1	0.0	48.5	66	48.5	10	---	48.5	0.0	8	-8.0
Dwelling Units	# DUs	Noise Reduction										
		Min	Avg	Max								
		dB	dB	dB								
All Selected	599	0.0	0.0	0.0								
All Impacted	8	0.0	0.0	0.0								
All that meet NR Goal	0	0.0	0.0	0.0								

RESULTS: SOUND LEVELS

<Project Name?>

<Organization?>
<Analysis By?>

9 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

<Project Name?>

RUN:

<Run Title?>

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

*ADDED RECEPTORS
ALONG NEW ALIGNMENT
(SEE PAGE 16)*

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dB
				Calculated dBA	Crit'n dBA	Calculated dB	Crit'n Sub'l Inc dB			Calculated dB	Goal dB	
1001	1	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1003	2	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1005	3	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1007	4	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1009	5	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1011	6	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1013	7	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1015	8	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1017	9	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1019	10	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1021	11	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1023	12	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1025	13	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1027	14	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1029	15	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1031	16	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1033	17	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1035	18	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1037	19	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1039	20	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1041	21	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1043	22	1	0.0	52.2	66	52.2	10	---	52.2	0.0	8	0.0
1045	23	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

<Project Name?>

1047	24	1	0.0	55.8	66	55.8	10	---	55.8	0.0	8	-8.0
1049	25	1	0.0	55.6	66	55.6	10	---	55.6	0.0	8	-8.0
1051	26	1	0.0	52.6	66	52.6	10	---	52.6	0.0	8	-8.0
1053	27	1	0.0	51.8	66	51.8	10	---	51.8	0.0	8	-8.0
1055	28	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1057	29	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1059	30	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1061	31	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1063	32	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1065	33	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1067	34	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1069	35	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1071	36	1	0.0	52.9	66	52.9	10	---	52.9	0.0	8	-8.0
1073	37	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	-8.0
1075	38	1	0.0	62.4	66	62.4	10	---	62.4	0.0	8	-8.0
1077	39	1	0.0	59.5	66	59.5	10	---	59.5	0.0	8	-8.0
1079	40	1	0.0	56.5	66	56.5	10	---	56.5	0.0	8	-8.0
1081	41	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1083	42	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1085	43	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1087	44	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1089	45	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1093	47	1	0.0	59.8	66	59.8	10	---	59.8	0.0	8	-8.0
1095	48	1	0.0	54.0	66	54.0	10	---	54.0	0.0	8	-8.0
1097	49	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1099	50	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1101	51	1	0.0	59.2	66	59.2	10	---	59.2	0.0	8	-8.0
1103	52	1	0.0	59.3	66	59.3	10	---	59.3	0.0	8	-8.0
1105	53	1	0.0	58.6	66	58.6	10	---	58.6	0.0	8	-8.0
1107	54	1	0.0	53.6	66	53.6	10	---	53.6	0.0	8	-8.0
1109	55	1	0.0	52.1	66	52.1	10	---	52.1	0.0	8	-8.0
1111	56	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1113	57	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1115	58	1	0.0	53.2	66	53.2	10	---	53.2	0.0	8	-8.0
1117	59	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1119	60	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1121	61	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
1123	62	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1125	63	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1127	64	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

CRASH 66
Replaces
no.

RESULTS: SOUND LEVELS

					<Project Name?>							
1129	65	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1131	66	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1133	67	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1135	68	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1137	69	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1139	70	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1141	71	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1143	72	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1145	73	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1147	74	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1149	75	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1151	76	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1153	77	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1155	78	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1157	79	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1159	80	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1161	81	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1163	82	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1165	83	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1167	84	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1169	85	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1171	86	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1173	87	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1175	88	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1177	89	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1179	90	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1181	91	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1183	92	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1185	93	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1187	94	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1189	95	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1191	96	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1193	97	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1195	98	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1197	99	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1199	100	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1201	101	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1203	102	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1205	103	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1207	104	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

<Project Name?>

1209	105	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1211	106	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1213	107	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1215	108	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1217	109	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1219	110	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1221	111	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1223	112	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1225	113	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1227	114	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1229	115	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1231	116	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1233	117	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1235	118	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1237	119	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1239	120	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1241	121	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1243	122	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1245	123	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1247	124	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1249	125	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1251	126	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1253	127	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1255	128	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1257	129	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1259	130	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1261	131	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1263	132	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1265	133	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1267	134	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1269	135	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1271	136	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1273	137	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1275	138	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1277	139	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1279	140	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1281	141	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1283	142	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1285	143	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1287	144	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

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1289	145	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1291	146	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1293	147	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1295	148	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1297	149	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1299	150	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1301	151	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1303	152	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1305	153	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1307	154	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1309	155	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1311	156	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1313	157	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1315	158	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1317	159	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1319	160	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1321	161	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1323	162	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1325	163	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1327	164	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1329	165	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1331	166	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1333	167	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1335	168	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1337	169	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1339	170	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1341	171	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1343	172	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1345	173	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1347	174	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1349	175	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1351	176	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1353	177	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1355	178	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1357	179	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1359	180	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1361	181	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1363	182	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1365	183	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1367	184	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

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1369	185	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1371	186	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1373	187	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1375	188	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1377	189	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1379	190	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1381	191	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1383	192	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1385	193	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1387	194	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1389	195	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1391	196	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1393	197	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1395	198	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1397	199	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1399	200	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1401	201	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1403	202	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1405	203	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1407	204	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1409	205	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1411	206	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1413	207	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1415	208	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1417	209	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1419	210	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1421	211	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1423	212	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1425	213	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1427	214	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1429	215	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1431	216	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1433	217	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1435	218	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1437	219	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1439	220	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1441	221	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1443	222	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1445	223	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1447	224	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

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1449	225	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1451	226	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1453	227	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1455	228	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1457	229	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1458	230	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000001	231	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
1000003	232	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0
1000005	233	1	0.0	60.4	66	60.4	10	---	60.4	0.0	8	-8.0
1000007	234	1	0.0	59.6	66	59.6	10	---	59.6	0.0	8	-8.0
1000009	235	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000011	236	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000013	237	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000015	238	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000017	239	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000019	240	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000021	241	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000023	242	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000025	243	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000027	244	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000029	245	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000033	247	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000035	248	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000037	249	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000039	250	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000041	251	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000043	252	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000045	253	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000047	254	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000049	255	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000051	256	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000053	257	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000055	258	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000057	259	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000059	260	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000061	261	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000063	262	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000065	263	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000067	264	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000069	265	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

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1000071	266	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000073	267	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000075	268	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000077	269	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000079	270	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000081	271	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000083	272	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000085	273	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000087	274	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000089	275	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000091	276	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000093	277	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000095	278	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000097	279	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000099	280	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000101	281	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000103	282	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000105	283	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000107	284	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000109	285	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000111	286	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000113	287	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000115	288	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000117	289	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000119	290	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000121	291	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000123	292	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000125	293	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000127	294	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000129	295	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000131	296	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000133	297	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000135	298	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000137	299	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000139	300	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000141	301	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000143	302	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000145	303	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000147	304	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000149	305	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

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1000151	306	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000153	307	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000155	308	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000157	309	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000159	310	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000161	311	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000163	312	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000165	313	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000167	314	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000169	315	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000171	316	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000173	317	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000175	318	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000177	319	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000179	320	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000181	321	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000183	322	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000185	323	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000187	324	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000189	325	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000191	326	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000193	327	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000195	328	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000197	329	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000199	330	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000201	331	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000203	332	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000205	333	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000207	334	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000209	335	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000211	336	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000213	337	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000215	338	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000217	339	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000219	340	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000221	341	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000223	342	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000225	343	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000227	344	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000229	345	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

							<Project Name?>					
1000231	346	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000233	347	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000235	348	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000237	349	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000239	350	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000241	351	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000243	352	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000245	353	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000247	354	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000249	355	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000251	356	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000253	357	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000255	358	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000257	359	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000259	360	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000261	361	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000263	362	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000265	363	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000267	364	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000269	365	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000271	366	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000273	367	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000275	368	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000277	369	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000279	370	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000281	371	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000283	372	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000285	373	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000287	374	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000289	375	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000291	376	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000293	377	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000295	378	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000297	379	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000299	380	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000301	381	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000303	382	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000305	383	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000307	384	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	
1000309	385	1	0.0	0.0	66	0.0	10 inactive	0.0	0.0	8	0.0	

RESULTS: SOUND LEVELS

						<Project Name?>						
1000311	386	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000313	387	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000315	388	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000317	389	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000319	390	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000321	391	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000323	392	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000325	393	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000327	394	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000329	395	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000331	396	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000333	397	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000335	398	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000337	399	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000339	400	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000341	401	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000343	402	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000344	403	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000346	404	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000348	405	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000350	406	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000352	407	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000354	408	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000356	409	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000358	410	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000360	411	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000362	412	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000364	413	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000366	414	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000368	415	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000370	416	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000372	417	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000374	418	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000376	419	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000378	420	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000380	421	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000382	422	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000384	423	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000386	424	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000388	425	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

												<Project Name?>	
1000390	426	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000392	427	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000394	428	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000396	429	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000398	430	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000400	431	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000402	432	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000404	433	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000406	434	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000408	435	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000410	436	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000412	437	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000414	438	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000416	439	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000418	440	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000420	441	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000422	442	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000424	443	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000426	444	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000428	445	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000430	446	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000432	447	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000434	448	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000436	449	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000438	450	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000440	451	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000442	452	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000444	453	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000446	454	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000448	455	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000450	456	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000452	457	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000454	458	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000456	459	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000458	460	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000460	461	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000462	462	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1000464	463	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
5001	464	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
5003	465	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	

RESULTS: SOUND LEVELS

						<Project Name?>						
5005	466	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5007	467	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5009	468	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5011	469	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5013	470	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5015	471	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5019	472	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5021	473	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5023	474	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5025	475	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5027	476	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5029	477	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5031	478	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5033	479	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5035	480	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5036	481	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5501	482	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5503	483	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5505	484	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5507	485	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5509	486	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5511	487	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5513	488	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5515	489	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5517	490	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5519	491	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5521	492	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5523	493	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5525	494	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5527	495	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5529	496	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5531	497	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5533	498	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5535	499	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5537	500	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5539	501	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5541	502	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5543	503	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5545	504	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5547	505	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

<Project Name?>

5549	506	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5551	507	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5553	508	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5555	509	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5557	510	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5559	511	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5561	512	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5563	513	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5565	514	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5567	515	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5569	516	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5571	517	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5573	518	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5575	519	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5577	520	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5579	521	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5581	522	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5583	523	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5585	524	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5587	525	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
check 5589	526	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5591	527	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
check 5592	528	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7504	529	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7501	530	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7503	531	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7505	532	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7507	533	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7509	534	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7511	535	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7513	536	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7515	537	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7517	538	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7519	539	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7521	540	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7523	541	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7525	542	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7527	543	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7529	544	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7531	545	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

											<Project Name?>	
7533	546	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7535	547	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7537	548	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7539	549	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7541	550	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7543	551	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7545	552	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7547	553	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7549	554	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7551	555	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7553	556	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7555	557	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7559	558	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7561	559	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7563	560	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7565	561	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7567	562	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7569	563	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7571	564	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7573	565	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7575	566	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7577	567	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7579	568	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7581	569	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7583	570	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7585	571	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7587	572	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7589	573	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7591	574	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7593	575	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7595	576	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7597	577	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7599	578	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7601	579	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7603	580	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7605	581	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7607	582	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7609	583	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7611	584	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7613	585	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

<Project Name?>

7615	586	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7617	587	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7619	588	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7621	589	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7623	590	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7625	591	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7627	592	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7629	593	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7631	594	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7633	595	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7635	596	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7637	597	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7639	598	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7641	599	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7643	600	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7644	601	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
0+00.0000	602	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
3+22.5822	603	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
13+27.0211	604	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
16+85.5969	605	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
21+45.4980	606	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
63+89.4099	607	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
65+20.9889	608	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
67+28.6738	609	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
111+04.9464	610	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
120+14.1346	611	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
140+04.2395	612	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
145+94.6333	613	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
149+01.0126	614	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	-8.0
152+90.4571	615	1	0.0	66.3	66	66.3	10	Snd Lvl	66.3	0.0	8	-8.0
155+81.0832	616	1	0.0	57.7	66	57.7	10	---	57.7	0.0	8	-8.0
160+03.5998	617	1	0.0	62.2	66	62.2	10	---	62.2	0.0	8	-8.0
162+34.4884	618	1	0.0	66.7	66	66.7	10	Snd Lvl	66.7	0.0	8	-8.0
165+21.3593	619	1	0.0	58.3	66	58.3	10	---	58.3	0.0	8	-8.0
168+43.4059	620	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
219+88.9202	621	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
249+64.9918	622	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB

RESULTS: SOUND LEVELS

<Project Name?>

All Selected	620	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

#3 NS

RESULTS: SOUND LEVELS

Roate N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

ReRun to
Castlegate MH.
(NO Impacts)

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Roate N EA

RUN:

Near South - Route N/Z - Castlegate

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dB
				Calculated	Crit'n dBA	Calculated	Crit'n dB			Calculated	Goal dB	
1001	1	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1003	2	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1005	3	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1007	4	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1009	5	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1011	6	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1013	7	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1015	8	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1017	9	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1019	10	1	0.0	59.6	66	59.6	10	---	56.9	2.7	8	-5.3
1021	11	1	0.0	54.4	66	54.4	10	---	50.9	3.5	8	-4.5
1023	12	1	0.0	52.4	66	52.4	10	---	50.2	2.2	8	-5.8
1025	13	1	0.0	51.3	66	51.3	10	---	49.6	1.7	8	-6.3
1027	14	1	0.0	49.7	66	49.7	10	---	48.3	1.4	8	-6.6
1029	15	1	0.0	48.5	66	48.5	10	---	47.1	1.4	8	-6.6
1031	16	1	0.0	47.6	66	47.6	10	---	46.2	1.4	8	-6.6
1033	17	1	0.0	46.7	66	46.7	10	---	45.5	1.2	8	-6.8
1035	18	1	0.0	46.3	66	46.3	10	---	44.2	2.1	8	-5.9
1037	19	1	0.0	47.0	66	47.0	10	---	44.7	2.3	8	-5.7
1039	20	1	0.0	47.6	66	47.6	10	---	45.0	2.6	8	-5.4
1041	21	1	0.0	48.5	66	48.5	10	---	45.5	3.0	8	-5.0
1043	22	1	0.0	51.9	66	51.9	10	---	47.5	4.4	8	-3.6
1045	23	1	0.0	59.6	66	59.6	10	---	50.9	8.7	8	0.7

RESULTS: SOUND LEVELS

Roate N EA

1047	24	1	0.0	55.5	66	55.5	10	---	49.4	6.1	8	-1.9
1049	25	1	0.0	55.3	66	55.3	10	----	49.4	5.9	8	-2.1
1051	26	1	0.0	51.7	66	51.7	10	----	47.5	4.2	8	-3.8
1053	27	1	0.0	50.6	66	50.6	10	----	46.8	3.8	8	-4.2
1055	28	1	0.0	49.8	66	49.8	10	----	46.2	3.6	8	-4.4
1057	29	1	0.0	48.8	66	48.8	10	----	45.6	3.2	8	-4.8
1059	30	1	0.0	48.1	66	48.1	10	----	45.2	2.9	8	-5.1
1061	31	1	0.0	47.7	66	47.7	10	----	44.8	2.9	8	-5.1
1063	32	1	0.0	48.0	66	48.0	10	---	45.0	3.0	8	-5.0
1065	33	1	0.0	48.6	66	48.6	10	----	45.4	3.2	8	-4.8
1067	34	1	0.0	49.9	66	49.9	10	----	46.4	3.5	8	-4.5
1069	35	1	0.0	50.9	66	50.9	10	----	46.9	4.0	8	-4.0
1071	36	1	0.0	51.8	66	51.8	10	----	47.5	4.3	8	-3.7
1073	37	1	0.0	54.8	66	54.8	10	----	49.1	5.7	8	-2.3
1075	38	1	0.0	62.3	66	62.3	10	---	53.0	9.3	8	1.3
1077	39	1	0.0	59.3	66	59.3	10	----	51.4	7.9	8	-0.1
1079	40	1	0.0	56.1	66	56.1	10	----	49.7	6.4	8	-1.6
1081	41	1	0.0	51.9	66	51.9	10	----	47.6	4.3	8	-3.7
1083	42	1	0.0	47.9	66	47.9	10	----	44.7	3.2	8	-4.8
1085	43	1	0.0	48.7	66	48.7	10	----	45.2	3.5	8	-4.5
1087	44	1	0.0	50.5	66	50.5	10	----	46.1	4.4	8	-3.6
1089	45	1	0.0	51.3	66	51.3	10	----	46.6	4.7	8	-3.3
1093	47	1	0.0	59.6	66	59.6	10	----	51.2	8.4	8	0.4
1095	48	1	0.0	53.5	66	53.5	10	----	48.0	5.5	8	-2.5
1097	49	1	0.0	50.8	66	50.8	10	----	46.2	4.6	8	-3.4
1099	50	1	0.0	59.0	66	59.0	10	----	50.9	8.1	8	0.1
1101	51	1	0.0	58.6	66	58.6	10	----	50.5	8.1	8	0.1
1103	52	1	0.0	56.7	66	56.7	10	----	49.8	6.9	8	-1.1
1105	53	1	0.0	56.3	66	56.3	10	----	49.3	7.0	8	-1.0
1107	54	1	0.0	52.5	66	52.5	10	----	47.3	5.2	8	-2.8
1109	55	1	0.0	51.3	66	51.3	10	----	46.5	4.8	8	-3.2
1111	56	1	0.0	50.7	66	50.7	10	----	46.1	4.6	8	-3.4
1113	57	1	0.0	49.6	66	49.6	10	----	45.2	4.4	8	-3.6
1115	58	1	0.0	51.8	66	51.8	10	----	46.5	5.3	8	-2.7
1117	59	1	0.0	53.3	66	53.3	10	----	47.3	6.0	8	-2.0
1119	60	1	0.0	57.5	66	57.5	10	----	48.8	8.7	8	0.7
1121	61	1	0.0	62.1	66	62.1	10	---	51.0	11.1	8	3.1
1123	62	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1125	63	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1127	64	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Rooute N EA

1129	65	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1131	66	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1133	67	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1135	68	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1137	69	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1139	70	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1141	71	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1143	72	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1145	73	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1147	74	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1149	75	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1151	76	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1153	77	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1155	78	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1157	79	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1159	80	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1161	81	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1163	82	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1165	83	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1167	84	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1169	85	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1171	86	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1173	87	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1175	88	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1177	89	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1179	90	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1181	91	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1183	92	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1185	93	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1187	94	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1189	95	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1191	96	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1193	97	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1195	98	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1197	99	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1199	100	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1201	101	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1203	102	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1205	103	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1207	104	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

1209	105	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1211	106	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1213	107	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1215	108	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1217	109	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1219	110	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1221	111	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1223	112	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1225	113	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1227	114	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1229	115	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1231	116	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1233	117	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1235	118	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1237	119	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1239	120	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1241	121	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1243	122	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1245	123	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1247	124	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1249	125	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1251	126	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1253	127	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1255	128	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1257	129	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1259	130	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1261	131	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1263	132	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1265	133	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1267	134	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1269	135	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1271	136	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1273	137	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1275	138	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1277	139	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1279	140	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1281	141	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1283	142	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1285	143	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1287	144	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roaute N EA

1289	145	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1291	146	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1293	147	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1295	148	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1297	149	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1299	150	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1301	151	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1303	152	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1305	153	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1307	154	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1309	155	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1311	156	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1313	157	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1315	158	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1317	159	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1319	160	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1321	161	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1323	162	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1325	163	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1327	164	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1329	165	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1331	166	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1333	167	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1335	168	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1337	169	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1339	170	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1341	171	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1343	172	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1345	173	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1347	174	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1349	175	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1351	176	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1353	177	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1355	178	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1357	179	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1359	180	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1361	181	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1363	182	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1365	183	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1367	184	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

1369	185	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1371	186	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1373	187	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1375	188	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1377	189	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1379	190	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1381	191	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1383	192	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1385	193	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1387	194	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1389	195	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1391	196	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1393	197	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1395	198	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1397	199	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1399	200	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1401	201	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1403	202	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1405	203	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1407	204	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1409	205	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1411	206	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1413	207	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1415	208	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1417	209	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1419	210	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1421	211	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1423	212	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1425	213	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1427	214	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1429	215	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1431	216	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1433	217	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1435	218	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1437	219	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1439	220	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1441	221	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1443	222	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1445	223	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1447	224	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

1449	225	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1451	226	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1453	227	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1455	228	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1457	229	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1458	230	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000001	231	1	0.0	61.9	66	61.9	10	----	61.9	0.0	8	-8.0
1000003	232	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0
1000005	233	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
1000007	234	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0
1000009	235	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000011	236	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000013	237	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000015	238	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000017	239	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000019	240	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000021	241	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000023	242	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000025	243	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000027	244	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000029	245	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000033	247	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000035	248	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000037	249	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000039	250	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000041	251	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000043	252	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000045	253	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000047	254	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000049	255	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000051	256	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000053	257	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000055	258	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000057	259	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000059	260	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000061	261	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000063	262	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000065	263	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000067	264	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000069	265	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

1000071	266	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000073	267	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000075	268	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000077	269	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000079	270	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000081	271	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000083	272	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000085	273	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000087	274	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000089	275	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000091	276	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000093	277	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000095	278	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000097	279	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000099	280	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000101	281	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000103	282	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000105	283	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000107	284	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000109	285	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000111	286	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000113	287	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000115	288	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000117	289	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000119	290	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000121	291	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000123	292	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000125	293	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000127	294	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000129	295	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000131	296	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000133	297	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000135	298	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000137	299	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000139	300	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000141	301	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000143	302	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000145	303	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000147	304	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000149	305	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roaute N EA

1000151	306	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000153	307	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000155	308	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000157	309	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000159	310	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000161	311	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000163	312	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000165	313	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000167	314	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000169	315	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000171	316	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000173	317	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000175	318	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000177	319	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000179	320	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000181	321	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000183	322	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000185	323	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000187	324	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000189	325	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000191	326	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000193	327	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000195	328	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000197	329	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000199	330	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000201	331	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000203	332	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000205	333	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000207	334	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000209	335	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000211	336	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000213	337	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000215	338	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000217	339	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000219	340	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000221	341	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000223	342	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000225	343	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000227	344	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000229	345	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

1000231	346	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000233	347	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000235	348	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000237	349	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000239	350	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000241	351	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000243	352	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000245	353	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000247	354	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000249	355	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000251	356	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000253	357	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000255	358	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000257	359	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000259	360	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000261	361	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000263	362	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000265	363	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000267	364	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000269	365	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000271	366	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000273	367	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000275	368	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000277	369	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000279	370	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000281	371	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000283	372	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000285	373	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000287	374	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000289	375	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000291	376	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000293	377	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000295	378	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000297	379	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000299	380	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000301	381	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000303	382	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000305	383	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000307	384	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000309	385	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Rooute N EA

1000311	386	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000313	387	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000315	388	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000317	389	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000319	390	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000321	391	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000323	392	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000325	393	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000327	394	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000329	395	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000331	396	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000333	397	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000335	398	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000337	399	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000339	400	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000341	401	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000343	402	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000344	403	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000346	404	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000348	405	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000350	406	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000352	407	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000354	408	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000356	409	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000358	410	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000360	411	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000362	412	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000364	413	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000366	414	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000368	415	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000370	416	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000372	417	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000374	418	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000376	419	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000378	420	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000380	421	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000382	422	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000384	423	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000386	424	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000388	425	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Rooute N EA

1000390	426	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000392	427	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000394	428	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000396	429	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000398	430	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000400	431	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000402	432	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000404	433	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000406	434	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000408	435	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000410	436	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000412	437	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000414	438	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000416	439	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000418	440	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000420	441	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000422	442	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000424	443	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000426	444	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000428	445	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000430	446	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000432	447	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000434	448	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000436	449	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000438	450	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000440	451	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000442	452	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000444	453	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000446	454	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000448	455	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000450	456	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000452	457	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000454	458	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000456	459	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000458	460	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000460	461	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000462	462	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000464	463	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5001	464	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5003	465	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

5005	466	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5007	467	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5009	468	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5011	469	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5013	470	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5015	471	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5019	472	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5021	473	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5023	474	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5025	475	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5027	476	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5029	477	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5031	478	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5033	479	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5035	480	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5036	481	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5501	482	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5503	483	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5505	484	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5507	485	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5509	486	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5511	487	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5513	488	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5515	489	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5517	490	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5519	491	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5521	492	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5523	493	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5525	494	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5527	495	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5529	496	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5531	497	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5533	498	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5535	499	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5537	500	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5539	501	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5541	502	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5543	503	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5545	504	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5547	505	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Rooute N EA

5549	506	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5551	507	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5553	508	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5555	509	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5557	510	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5559	511	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5561	512	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5563	513	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5565	514	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5567	515	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5569	516	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5571	517	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5573	518	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5575	519	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5577	520	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5579	521	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5581	522	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5583	523	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5585	524	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5587	525	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
check 5589	526	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
5591	527	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
check 5592	528	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7504	529	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7501	530	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7503	531	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7505	532	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7507	533	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7509	534	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7511	535	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7513	536	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7515	537	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7517	538	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7519	539	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7521	540	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7523	541	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7525	542	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7527	543	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7529	544	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7531	545	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

Roate N EA

7533	546	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7535	547	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7537	548	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7539	549	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7541	550	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7543	551	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7545	552	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7547	553	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7549	554	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7551	555	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7553	556	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7555	557	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7559	558	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7561	559	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7563	560	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7565	561	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7567	562	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7569	563	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7571	564	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7573	565	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7575	566	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7577	567	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7579	568	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7581	569	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7583	570	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7585	571	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7587	572	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7589	573	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7591	574	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7593	575	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7595	576	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7597	577	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7599	578	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7601	579	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7603	580	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7605	581	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7607	582	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7609	583	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7611	584	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7613	585	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

RESULTS: SOUND LEVELS

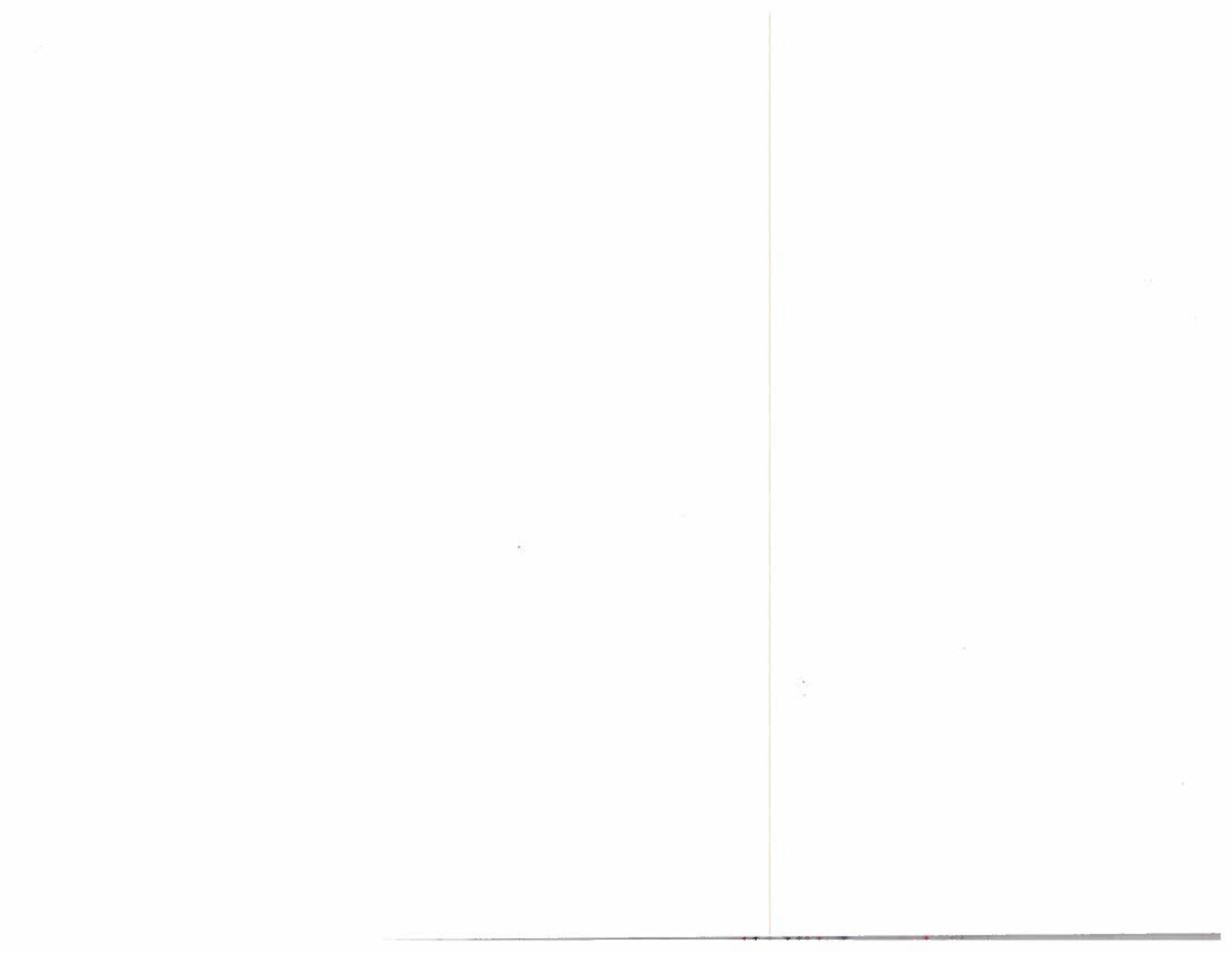
Rooute N EA

7615	586	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7617	587	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7619	588	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7621	589	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7623	590	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7625	591	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7627	592	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7629	593	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7631	594	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7633	595	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7635	596	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7637	597	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7639	598	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7641	599	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7643	600	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
7644	601	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
0+00.0000	602	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
3+22.5822	603	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
13+27.0211	604	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
16+85.5969	605	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
21+45.4980	606	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
63+89.4099	607	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
65+20.9889	608	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
67+28.6738	609	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
111+04.9464	610	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
120+14.1346	611	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
140+04.2395	612	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
145+94.6333	613	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
149+01.0126	614	1	0.0	39.0	66	39.0	10	---	39.0	0.0	8	-8.0
152+90.4571	615	1	0.0	36.5	66	36.5	10	---	36.5	0.0	8	-8.0
155+81.0832	616	1	0.0	36.7	66	36.7	10	---	36.7	0.0	8	-8.0
160+03.5998	617	1	0.0	35.3	66	35.3	10	---	35.3	0.0	8	-8.0
162+34.4884	618	1	0.0	34.4	66	34.4	10	---	34.4	0.0	8	-8.0
165+21.3593	619	1	0.0	34.8	66	34.8	10	---	34.8	0.0	8	-8.0
168+43.4059	620	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
219+88.9202	621	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
249+64.9918	622	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
Dwelling Units	# DUs	Noise Reduction										
		Min	Avg	Max								
		dB	dB	dB								

RESULTS: SOUND LEVELS

Roate N EA

All Selected	620	0.0	0.4	11.1
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	7	8.1	8.9	11.1



Appendix D
TNM Design Barriers

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing ~~Condition~~

BARRIER DESIGN:

IE-SPP-Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				Type Impact	With Barrier				
				LAeq1h		Increase over existing			Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA	
				Calculated	Crit'n	Calculated	Crit'n			Calculated	Goal		
5515	694	1	0.0	57.3	66	57.3	10	---	57.3	0.0	8	-8.0	
5513	736	1	0.0	54.7	66	54.7	10	---	54.7	0.0	8	-8.0	
5003	854	1	0.0	43.0	66	43.0	10	---	42.6	0.4	8	-7.6	
5509	734	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
5001	853	1	0.0	64.0	66	64.0	10	---	54.3	9.7	8	1.7	

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	5	0.0	2.0	9.7
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	1	9.7	9.7	9.7

~~NR~~ ONLY ONE Impacted Receiver
∴ NOT Feasible

Access to property to SSP Allows
for Complete Barrier @ Rebrated Route N.

RESULTS: SOUND LEVELS

Route N EA

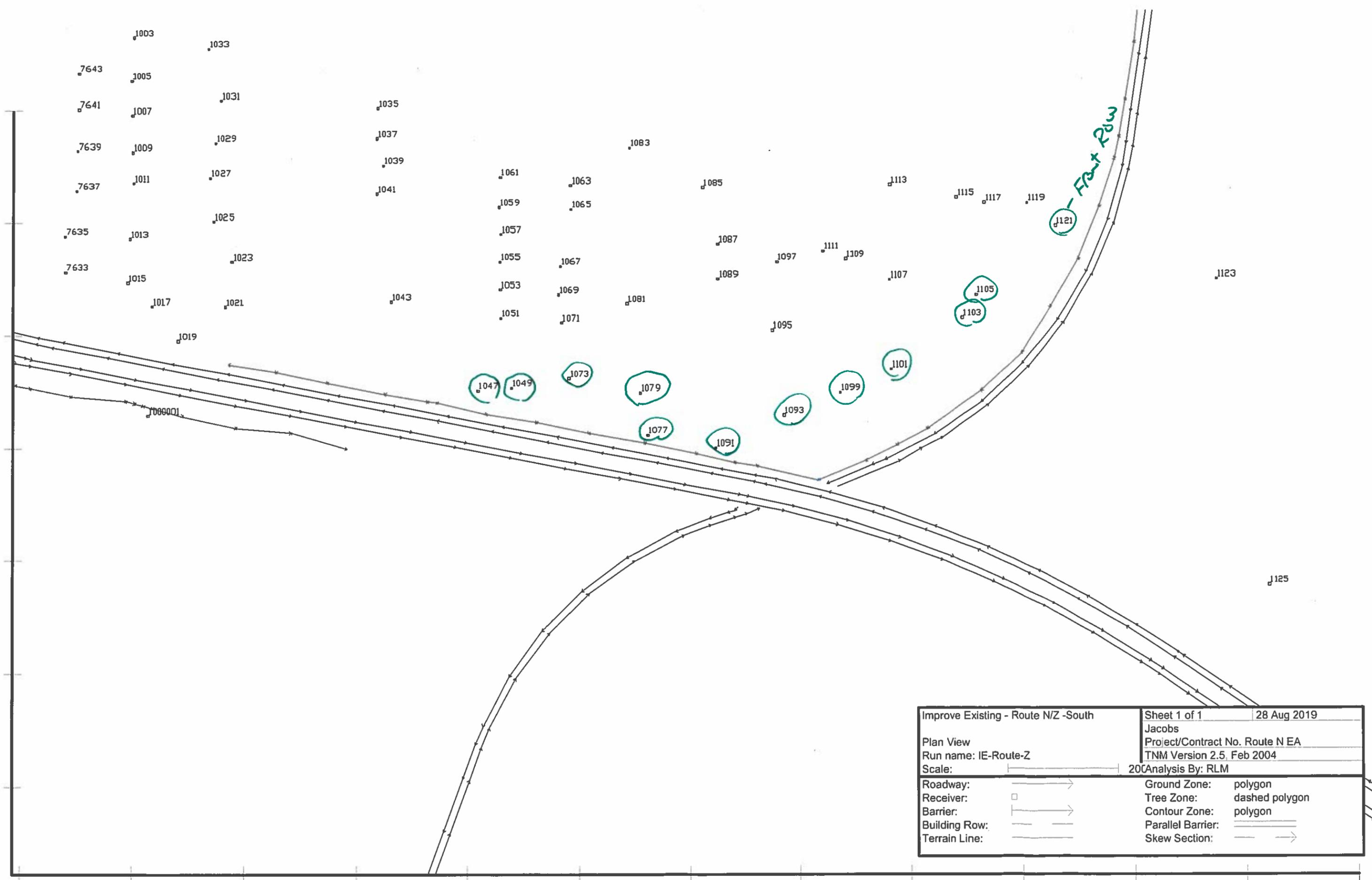
Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: Route N EA
RUN: Improve Existing - Route N/Z -South
BARRIER DESIGN: Route Z/N (north) - Max
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier					With Barrier			
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
1109	108	1	0.0	54.7	66	54.7	10	---	49.9	4.8	8	-3.2
1107	107	1	0.0	55.7	66	55.7	10	---	50.0	5.7	8	-2.3
1095	101	1	0.0	57.6	66	57.6	10	---	52.6	5.0	8	-3.0
1079	93	1	0.0	62.4	66	62.4	10	---	56.8	5.6	8	-2.4
1073	90	1	0.0	62.7	66	62.7	10	---	57.6	5.1	8	-2.9
1049	78	1	0.0	64.6	66	64.6	10	---	58.7	5.9	8	-2.1
1077	92	1	0.0	66.2	66	66.2	10	Snd Lvl	55.8	10.4	8	2.4
1091	99	1	0.0	66.3	66	66.3	10	Snd Lvl	55.8	10.5	8	2.5
1093	100	1	0.0	62.5	66	62.5	10	---	54.9	7.6	8	-0.4
1099	103	1	0.0	61.3	66	61.3	10	---	53.6	7.7	8	-0.3
1101	104	1	0.0	60.7	66	60.7	10	---	52.3	8.4	8	0.4
1103	105	1	0.0	59.8	66	59.8	10	---	50.4	9.4	8	1.4
1105	106	1	0.0	59.3	66	59.3	10	---	49.9	9.4	8	1.4
1121	114	1	0.0	62.3	66	62.3	10	---	49.5	12.8	8	4.8
1119	113	1	0.0	58.5	66	58.5	10	---	48.5	10.0	8	2.0
1117	112	1	0.0	55.7	66	55.7	10	---	48.2	7.5	8	-0.5
1115	111	1	0.0	54.3	66	54.3	10	---	48.0	6.3	8	-1.7
1113	110	1	0.0	52.6	66	52.6	10	---	48.0	4.6	8	-3.4
1111	109	1	0.0	54.5	66	54.5	10	---	50.0	4.5	8	-3.5
1097	102	1	0.0	55.0	66	55.0	10	---	50.7	4.3	8	-3.7
1089	98	1	0.0	55.8	66	55.8	10	---	52.0	3.8	8	-4.2
1081	94	1	0.0	57.8	66	57.8	10	---	54.1	3.7	8	-4.3
1071	89	1	0.0	59.5	66	59.5	10	---	55.3	4.2	8	-3.8



00 715600 715800 716000 716200 716400 716600 716800 717000 717200 717400 717600 717800

Improve Existing - Route N/Z -South		Sheet 1 of 1	28 Aug 2019
Plan View		Jacobs	
Run name: IE-Route-Z		Project/Contract No. Route N EA	
Scale:		TNM Version 2.5, Feb 2004	
		20Analysis By: RLM	
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Route N EA
RUN: Improve Existing - Route N/Z -South
BARRIER DESIGN: Route N/Z (south) - Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				Type Impact	With Barrier			
				LAeq1h Calculated dBA	Crit'n dBA	Increase over existing			Calculated LAeq1h dBA	Noise Reduction		
						Calculated dB	Crit'n dB			Calculated dB	Goal dB	Calculated minus Goal dB
1000001	853	1	0.0	69.0	66	69.0	10	Snd Lvl	56.6	12.4	8	4.4

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	1	12.4	12.4	12.4
All Impacted	1	12.4	12.4	12.4
All that meet NR Goal	1	12.4	12.4	12.4

*only 1 receptor,
w/ Gap for Access,
not 7.8dB IL
(see next page)*

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing - Route N/Z -South

BARRIER DESIGN:

Route N/Z (south) - Max w/ Gap

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Receiver Name	No.	#DUs	Existing LAeq1h dBA	No Barrier LAeq1h				Type Impact	With Barrier			
				Calculated		Increase over existing			Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA
				Calculated	Crit'n	Calculated	Crit'n			Calculated	Goal	
1000001	853	1	0.0	69.0	66	69.0	10	Snd Lvl	66.2	2.8	8	-5.2

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	1	2.8	2.8	2.8
All Impacted	1	2.8	2.8	2.8
All that meet NR Goal	0	0.0	0.0	0.0

Not Feasible w/ Gap for Access

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing - Perry Cate N/S

BARRIER DESIGN:

IE-Perry Cate S (max)

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h	No Barrier				Type Impact	With Barrier			
				LAeq1h		Increase over existing			Calculated LAeq1h	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB		dB	dB	dB	dB	
1000023	861	1	0.0	61.7	66	61.7	10	---	61.6	0.1	8	-7.9
1000017	858	1	0.0	64.7	66	64.7	10	---	60.2	4.5	8	-3.5
1000015	857	1	0.0	64.8	66	64.8	10	---	60.2	4.6	8	-3.4
1000013	856	1	0.0	66.2	66	66.2	10	Snd Lvl	63.0	3.2	8	-4.8
1000011	855	1	0.0	64.6	66	64.6	10	---	55.7	8.9	8	0.9

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	5	0.1	4.3	8.9
All Impacted	1	3.2	3.2	3.2
All that meet NR Goal	1	8.9	8.9	8.9

100 78db w/ Access. only 1 Impact.

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing - Perry Cate N/S

BARRIER DESIGN:

IE-Perry Cate N (max)

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				Type Impact	With Barrier			
				LAeq1h		Increase over existing			Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA
				Calculated	Crit'n	Calculated	Crit'n			Calculated	Goal	
				dBA	dBA	dB	dB		dBA	dB	dB	dB
1155	131	1	0.0	65.9	66	65.9	10	----	61.9	4.0	8	-4.0
1157	132	1	0.0	62.9	66	62.9	10	----	59.4	3.5	8	-4.5
1159	133	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	3	0.0	2.5	4.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

NO Impacts upon Review

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing - Hopewell and Wynds

BARRIER DESIGN:

Hopewell-Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				Type Impact	With Barrier				
				LAeq1h		Increase over existing			Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA	
				Calculated	Crit'n	Calculated	Crit'n			Calculated	Goal		
1000051	78	1	0.0	58.8	66	58.8	10	---	57.0	1.8	8	-6.2	
1000045	74	1	0.0	57.9	66	57.9	10	---	54.1	3.8	8	-4.2	
1000043	73	1	0.0	66.7	66	66.7	10	Snd Lvl	62.0	4.7	8	-3.3	
1000041	72	1	0.0	61.6	66	61.6	10	---	57.2	4.4	8	-3.6	
1000039	71	1	0.0	53.7	66	53.7	10	---	51.9	1.8	8	-6.2	
1000037	70	1	0.0	56.2	66	56.2	10	---	55.2	1.0	8	-7.0	

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	6	1.0	2.9	4.7
All Impacted	1	4.7	4.7	4.7
All that meet NR Goal	0	0.0	0.0	0.0

*NOT feasible w/ Gap for Access.
only 1 impact.*

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Route N EA
RUN: Improve Existing - Wyndmere
BARRIER DESIGN: Wyndmere - Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver

Name	No.	#DUs	No Barrier					With Barrier				
			Existing LAeq1h	No Barrier LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		
			Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Calculated	Calculated	Goal	Calculated minus Goal		
			dB	dB	dB	dB		dB	dB	dB	dB	
1221	850	1	0.0	61.8	66	61.8	10	---	61.8	0.0	8	-8.0
1223	885	1	0.0	62.6	66	62.6	10	---	62.3	0.3	8	-7.7
1225	886	1	0.0	64.2	66	64.2	10	---	60.1	4.1	8	-3.9
1227	887	1	0.0	66.1	66	66.1	10	Snd Lvl	60.3	5.8	8	-2.2

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	4	0.0	2.5	5.8
All Impacted	1	5.8	5.8	5.8
All that meet NR Goal	0	0.0	0.0	0.0

NOT Feasible w/ GAP for Access. Only 1 impacted

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Improve Existing - Wyndgate

BARRIER DESIGN:

Wyndgate-Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h	No Barrier				With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				Calculated	Crit'n	Calculated	Crit'n			Calculated	Goal	
dB	dB	dB	dB	dB	dB	dB	dB	dB	dB			
1000173	140	1	0.0	56.3	66	56.3	10	---	52.2	4.1	8	-3.9
1000129	118	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1000175	141	1	0.0	56.8	66	56.8	10	---	51.8	5.0	8	-3.0
1000177	142	1	0.0	57.1	66	57.1	10	---	51.5	5.6	8	-2.4
1000179	143	1	0.0	57.4	66	57.4	10	---	50.8	6.6	8	-1.4
1000181	144	1	0.0	57.6	66	57.6	10	---	50.6	7.0	8	-1.0
1000183	145	1	0.0	57.5	66	57.5	10	---	50.6	6.9	8	-1.1
1000185	146	1	0.0	58.1	66	58.1	10	---	50.8	7.3	8	-0.7
1000187	147	1	0.0	58.7	66	58.7	10	---	51.1	7.6	8	-0.4
1000189	148	1	0.0	59.6	66	59.6	10	---	51.2	8.4	8	0.4
1000191	149	1	0.0	59.8	66	59.8	10	---	51.3	8.5	8	0.5
1000193	150	1	0.0	58.7	66	58.7	10	---	51.1	7.6	8	-0.4
1000201	154	1	0.0	69.5	66	69.5	10	Snd Lvl	66.8	2.7	8	-5.3

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	13	0.0	5.9	8.5
All Impacted	1	2.7	2.7	2.7
All that meet NR Goal	2	8.4	8.4	8.5

W/ GAP NOT Feasible

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Route N EA
RUN: Buckner-Buckner
BARRIER DESIGN: Buckner-Buckner-Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier					With Barrier			
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA
				Calculated dBA	Crit'n dBA	Calculated dB	Crit'n Sub'l Inc dB			Calculated dB	Goal dB	
5031	479	1	0.0	69.5	66	69.5	10	Snd Lvl	67.0	2.5	8	-5.5
Dwelling Units		# DUs	Noise Reduction			NOT Feasible w/ gap for Access Only 1 Receptor Affected						
			Min dB	Avg dB	Max dB							
All Selected		1	2.5	2.5	2.5							
All Impacted		1	2.5	2.5	2.5							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Route N EA

RUN:

Buckner at Castlegate

BARRIER DESIGN:

Castlegate-Optimum

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing		No Barrier				Type Impact	With Barrier			
			LAeq1h	dBA	LAeq1h		Increase over existing			Calculated LAeq1h	Noise Reduction		
					Calculated	Crit'n	Calculated	Crit'n Sub'l Inc			Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
1119	60	1	0.0	58.4	66	58.4	10	---	51.4	7.0	8	-1.0	
1107	54	1	0.0	55.7	66	55.7	10	---	50.3	5.4	8	-2.6	
1095	48	1	0.0	58.0	66	58.0	10	---	52.0	6.0	8	-2.0	
1081	41	1	0.0	58.6	66	58.6	10	---	53.2	5.4	8	-2.6	
1071	36	1	0.0	60.2	66	60.2	10	---	54.6	5.6	8	-2.4	
1051	26	1	0.0	60.1	66	60.1	10	---	55.5	4.6	8	-3.4	
1043	22	1	0.0	59.5	66	59.5	10	---	58.1	1.4	8	-6.6	
1021	11	1	0.0	59.2	66	59.2	10	---	58.9	0.3	8	-7.7	
1019	10	1	0.0	63.3	66	63.3	10	---	63.2	0.1	8	-7.9	
1000001	231	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1121	61	1	0.0	62.5	66	62.5	10	---	52.7	9.8	8	1.8	
1105	53	1	0.0	59.4	66	59.4	10	---	51.3	8.1	8	0.1	
1103	52	1	0.0	60.0	66	60.0	10	---	51.7	8.3	8	0.3	
1101	51	1	0.0	60.8	66	60.8	10	---	53.3	7.5	8	-0.5	
1099	50	1	0.0	62.6	66	62.6	10	---	54.5	8.1	8	0.1	
1093	47	1	0.0	67.3	66	67.3	10	Snd Lvl	56.3	11.0	8	3.0	
1077	39	1	0.0	71.0	66	71.0	10	Snd Lvl	58.3	12.7	8	4.7	
1079	40	1	0.0	66.4	66	66.4	10	Snd Lvl	56.3	10.1	8	2.1	
1073	37	1	0.0	65.2	66	65.2	10	---	57.1	8.1	8	0.1	
1049	25	1	0.0	66.9	66	66.9	10	Snd Lvl	59.1	7.8	8	-0.2	
1047	24	1	0.0	67.9	66	67.9	10	Snd Lvl	60.9	7.0	8	-1.0	

FR
↓

Dwelling Units

# DUs	Noise Reduction		
	Min	Avg	Max

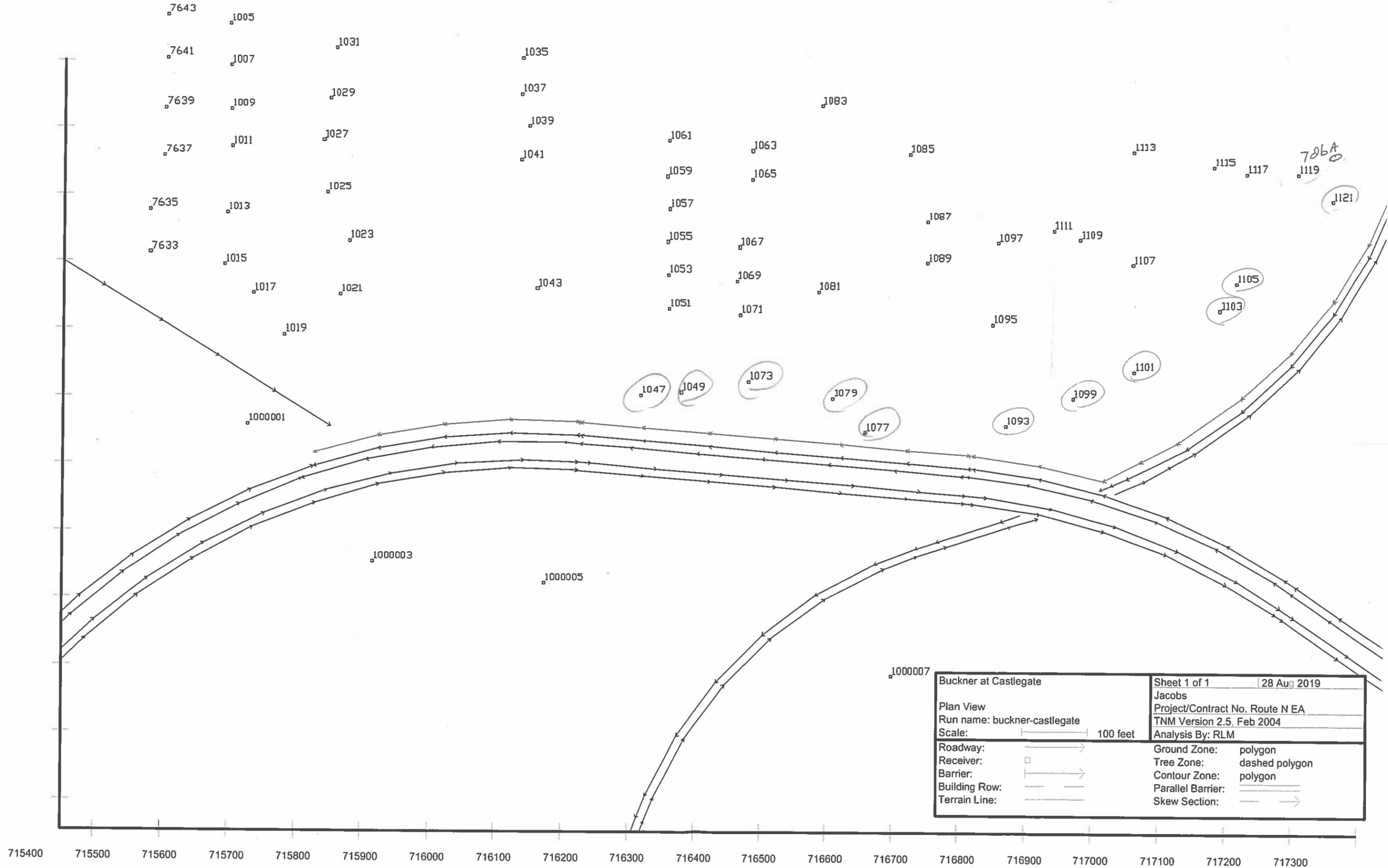
All FR w/ 7 dBA I.L.

N=12

RESULTS: SOUND LEVELS

Route N EA

Jacobs		28 August 2019											
RLM		TNM 2.5											
RESULTS: SOUND LEVELS		Calculated with TNM 2.5											
PROJECT/CONTRACT:		Route N EA											
RUN:		Buckner at Castlegate											
BARRIER DESIGN:		Castlegate-Max											
ATMOSPHERICS:		68 deg F, 50% RH											
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.													
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier			Increase over existing		Type Impact	With Barrier			
				Calculated	Crit'n	Crit'n	Sub'l Inc	Calculated LAeq1h		Noise Reduction Calculated	Goal	Calculated minus Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
1119	60	1	0.0	58.4	66	58.4	10	---	46.8	11.6	8	3.6	
1107	54	1	0.0	55.7	66	55.7	10	---	47.5	8.2	8	0.2	
1095	48	1	0.0	58.0	66	58.0	10	---	49.4	8.6	8	0.6	
1081	41	1	0.0	58.6	66	58.6	10	---	50.3	8.3	8	0.3	
1071	36	1	0.0	60.2	66	60.2	10	---	51.6	8.6	8	0.6	
1051	26	1	0.0	60.1	66	60.1	10	---	52.6	7.5	8	-0.5	
1043	22	1	0.0	59.5	66	59.5	10	---	55.4	4.1	8	-3.9	
1021	11	1	0.0	59.2	66	59.2	10	---	56.4	2.8	8	-5.2	
1019	10	1	0.0	63.3	66	63.3	10	---	62.4	0.9	8	-7.1	
1000001	231	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0	
1121	61	1	0.0	62.5	66	62.5	10	---	48.2	14.3	8	6.3	
1105	53	1	0.0	59.4	66	59.4	10	---	48.1	11.3	8	3.3	
1103	52	1	0.0	60.0	66	60.0	10	---	48.7	11.3	8	3.3	
1101	51	1	0.0	60.8	66	60.8	10	---	50.3	10.5	8	2.5	
1099	50	1	0.0	62.6	66	62.6	10	---	51.5	11.1	8	3.1	
1093	47	1	0.0	67.3	66	67.3	10	Snd Lvl	53.2	14.1	8	6.1	
1077	39	1	0.0	71.0	66	71.0	10	Snd Lvl	54.2	16.8	8	8.8	
1079	40	1	0.0	66.4	66	66.4	10	Snd Lvl	53.0	13.4	8	5.4	
1073	37	1	0.0	65.2	66	65.2	10	---	54.7	10.5	8	2.5	
1049	25	1	0.0	66.9	66	66.9	10	Snd Lvl	57.0	9.9	8	1.9	
1047	24	1	0.0	67.9	66	67.9	10	Snd Lvl	59.5	8.4	8	0.4	
Dwelling Units		# DUs	Noise Reduction			5 impacts							
N=11			Min	Avg	Max								



706A

Buckner at Castlegate		Sheet 1 of 1	28 Aug 2019
Plan View		Jacobs	
Run name: buckner-castlegate		Project/Contract No. Route N EA	
Scale:  100 feet		TNM Version 2.5, Feb 2004	
Analysis By: RLM			
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

RESULTS: BARRIER DESCRIPTIONS

Route N EA

Jacobs
RLM
28 August 2019
TNM 2.5

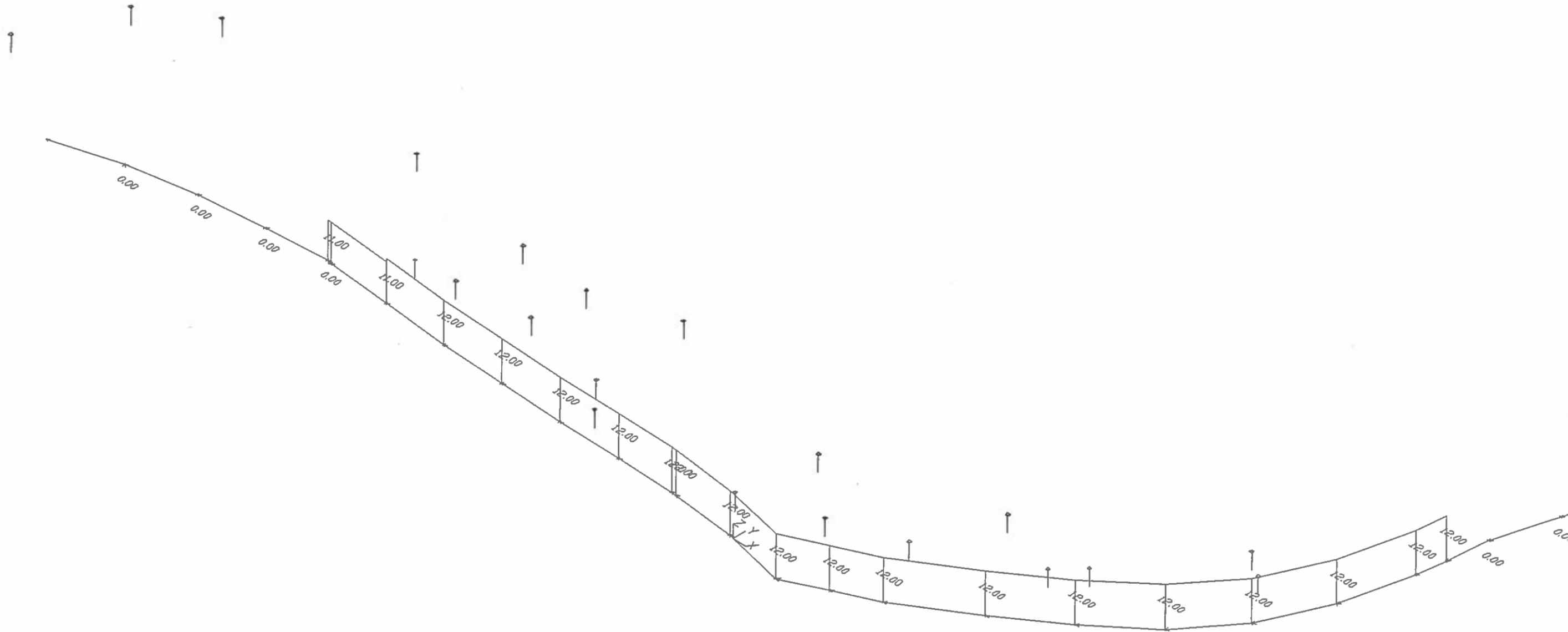
RESULTS: BARRIER DESCRIPTIONS

PROJECT/CONTRACT: Route N EA
RUN: Buckner at Castlegate
BARRIER DESIGN: Castlegate-Optimum

Barriers

Name	Type	Heights along Barrier			Length	If Wall	If Berm		Run:Rise	Cost
		Min	Avg	Max		Area	Volume	Top Width		
		ft	ft	ft	ft	sq ft	cu yd	ft	ft:ft	\$
castlegate	W	11.00	11.94	12.00	1582	18888				0
									Total Cost:	0

~~12~~ 12 Receptrs w/ 7 dBA IL
= 1,574 SF per Receptor
∴ NOT Reasonable



Buckner at Castlegate		Sheet 1 of 1	28 Aug 2019
Barrier View-Castlegate-Optimum		Jacobs	
Run name: buckner-castlegate		Project/Contract No. Route N EA	
Scale: <DNA - due to perspective>		TNM Version 2.5, Feb 2004	
		Analysis By: RLM	
Roadway:	—————>	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	—————>	Contour Zone:	polygon
Building Row:	— — — — —	Parallel Barrier:	=====
Terrain Line:	—————	Skew Section:	— — — — —>

RESULTS: SOUND LEVELS

Rooute N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

*Re Run
- NO Impact
@ N/Z*

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Rooute N EA

RUN:

Near South - Route N/Z - Castlegate

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				With Barrier				
				LAeq1h		Increase over existing		Type Impact	Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA
				Calculated dBA	Crit'n dBA	Calculated dB	Crit'n dB			Calculated dB	Goal dB	
1001	1	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1003	2	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1005	3	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1007	4	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1009	5	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1011	6	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1013	7	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1015	8	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1017	9	1	0.0	0.0	66	0.0	10	inactive	0.0	0.0	8	0.0
1019	10	1	0.0	59.6	66	59.6	10	---	56.9	2.7	8	-5.3
1021	11	1	0.0	54.4	66	54.4	10	---	50.9	3.5	8	-4.5
1023	12	1	0.0	52.4	66	52.4	10	---	50.2	2.2	8	-5.8
1025	13	1	0.0	51.3	66	51.3	10	---	49.6	1.7	8	-6.3
1027	14	1	0.0	49.7	66	49.7	10	---	48.3	1.4	8	-6.6
1029	15	1	0.0	48.5	66	48.5	10	---	47.1	1.4	8	-6.6
1031	16	1	0.0	47.6	66	47.6	10	---	46.2	1.4	8	-6.6
1033	17	1	0.0	46.7	66	46.7	10	---	45.5	1.2	8	-6.8
1035	18	1	0.0	46.3	66	46.3	10	---	44.2	2.1	8	-5.9
1037	19	1	0.0	47.0	66	47.0	10	---	44.7	2.3	8	-5.7
1039	20	1	0.0	47.6	66	47.6	10	---	45.0	2.6	8	-5.4
1041	21	1	0.0	48.5	66	48.5	10	---	45.5	3.0	8	-5.0
1043	22	1	0.0	51.9	66	51.9	10	---	47.5	4.4	8	-3.6
1045	23	1	0.0	59.6	66	59.6	10	---	50.9	8.7	8	0.7

RESULTS: SOUND LEVELS

Route N EA

Jacobs
RLM

28 August 2019
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Route N EA
RUN: Near South - Perry Cate - S
BARRIER DESIGN: NS-Parry Cate - Max

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h dBA	No Barrier				Type Impact	With Barrier			
				LAeq1h		Increase over existing			Calculated LAeq1h dBA	Noise Reduction		Calculated minus Goal dBA
				Calculated dBA	Crit'n dBA	Calculated dB	Crit'n dB			Calculated dB	Goal dB	
145+94.6333	613	1	0.0	55.2	66	55.2	10	---	55.0	0.2	8	-7.8
149+01.0126	614	1	0.0	59.9	66	59.9	10	---	59.5	0.4	8	-7.6
152+90.4571	615	1	0.0	66.3	66	66.3	10	Snd Lvl	61.9	4.4	8	-3.6
155+81.0832	616	1	0.0	57.7	66	57.7	10	---	52.3	5.4	8	-2.6
160+03.5998	617	1	0.0	62.2	66	62.2	10	---	53.4	8.8	8	0.8
162+34.4884	618	1	0.0	66.7	66	66.7	10	Snd Lvl	63.7	3.0	8	-5.0
165+21.3593	619	1	0.0	58.3	66	58.3	10	---	55.0	3.3	8	-4.7
168+43.4059	620	1	0.0	53.0	66	53.0	10	---	51.6	1.4	8	-6.6

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	8	0.2	3.4	8.8
All Impacted	2	3.0	3.7	4.4
All that meet NR Goal	1	8.8	8.8	8.8

NOT Feasible w/ ACCESS