

APPENDIX I

MADISON EAST-WEST BRT

Documented Categorical Exclusion
Hazardous Materials Technical Report

May 10, 2022

Prepared for:
City of Madison



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REVISIONS

Revision No.	Date	Prepared By

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1. Introduction

The Madison East-West Bus Rapid Transit (BRT) Project (the project) is a proposed 15-mile route serving east-west travel needs in central Madison, Wisconsin. The project extends from East Springs Drive on the east side of Madison to a proposed new park-and-ride at Junction Road on the west side of Madison. Operating primarily via East Washington Avenue, University Avenue, and Mineral Point Road, the BRT line would serve the major regional destinations of the isthmus (downtown Madison), the University of Wisconsin-Madison (UW) campus, Madison Area Technical College, and major employers and several shopping centers located throughout the corridor. BRT buses would use a combination of center-running bus lanes, side bus lanes, and mixed-traffic lanes. The project also includes electric bus charging infrastructure at the Sun Prairie Park-and-Ride and the Metro Satellite Maintenance Facility where BRT layovers will occur.

This technical report summarizes known potentially contaminated sites within the project area. This report was prepared for the documented Categorical Exclusion (DCE) in accordance with NEPA requirements. The following sections provide an overview of the existing conditions, potential impacts, and avoidance, minimization, and mitigation measures.

2. Potentially Contaminated Sites

The Wisconsin Department of Natural Resources (DNR) oversees regulations pertaining to hazardous waste management per Ch. NR 660-679,¹ Wis. Adm. Code and as required by the federal Resource Conservation and Recovery Act.² The DNR's Wisconsin Remediation and Redevelopment Database (WRRD)³ provides information on different contaminated land activities in Wisconsin, including investigations and cleanups of contaminated soil and/or groundwater, spills, and Superfund sites.

A review of the WRRD was conducted to identify and evaluate sites potentially containing hazardous or regulated materials or other sources of potential contamination. The study area included sites within 500 feet of the East-West corridor. Within the study area, 15 open sites and 177 closed sites were identified. Table 1 identifies potentially contaminated open sites by the site name and Bureau for Remediation and Redevelopment Tracking System (BRRTS) identification number. Yellow highlighting indicates sites that are within approximately 200 feet of proposed BRT stations. Figure 1, Figure 2, and Figure 3 illustrate the locations of sites potentially containing hazardous or regulated materials.

Table 1: WRRD Sites within 500 feet of the East-West corridor – Open Sites

Site Name	BRRTS No.	Activity Type*	Substances**
1322 E. Washington Ave Demolition	02-13-584558	ERP	Petroleum
Breese Stevens Field	02-13-550026	ERP	VOC
Former Car-X Site	02-13-581331	ERP	PCE, PAHs
Kwik Trip #955	03-13-580713	LUST	Petroleum, VOC
Marshall Court Investors, LLC	02-13-582444	ERP	PAHs, PCE, Petroleum
Mautz Paint Site #1	03-13-001608	LUST	VOC

1 Wisconsin Administrative Code Chapters NR 660-679. Available at https://docs.legis.wisconsin.gov/code/admin_code/nr/600. Accessed 18 November 2021.

2 42 U.S.C. §6901 Resource Conservation and Recovery Act (1976). Available at <https://www.epa.gov/laws-regulations/summary-resource-conservation-and-recovery-act>. Accessed 24 November 2021.

3 Wisconsin Remediation and Redevelopment Database. Available at <https://dnr.wisconsin.gov/topic/Brownfields/WRRD.html>. Accessed 24 November 2021.

Site Name	BRRS No.	Activity Type*	Substances**
McDonalds Restaurant	03-13-551041	LUST	Petroleum, VOC
Madison Gas & Electric Storage Yard	02-13-584085	ERP	Per-and Polyfluoroalkyl
Millers Liquor LLC	02-13-415322	ERP	VOC
Mobil Oil Corp	03-13-552495	LUST	VOC
Mobil Oil Corp	03-13-001614	LUST	Petroleum
Former One Hour Cleaner	02-13-556991	ERP	VOC/PCE
Shorewood Commons	02-13-560698	ERP	VOC/PCE
Union Corners Gas Station	02-13-578416	ERP	Petroleum, Metals
UW Madison Vivarium	02-13-551038	ERP	Petroleum, VOC

*Activity Code: Environmental Repair Program (ERP), leaking underground storage tank (LUST)

**Substances: Volatile organic compounds (VOC), Tetrachloroethene (PCE), Polynuclear aromatic hydrocarbons (PAHs)
 Yellow highlighting indicated sites within 200 feet of proposed BRT stations.

Table 2 identifies closed potentially contaminated sites included in the WRRD data base within 500 feet of the East-West corridor.

Table 2: WRRD Sites within 500 feet of the East-West corridor – Closed Sites

Site Name	BRRS No.	Activity Type*	Substances**
1401 E WASHINGTON AVE	03-13-449121	LUST	Petroleum
2500 BLOCK UNIVERSITY AVE	02-13-558603	ERP	Petroleum
2526 E WASHINGTON AVE ROW	03-13-551915	LUST	Petroleum
2715 MARSHALL COURT LLC	02-13-559316	ERP	Petroleum
2900 E WASHINGTON AVE ROW	03-13-550755	LUST	Petroleum
309 W JOHNSON ST	02-13-560747	ERP	Petroleum, VOC
3098 E WASHINGTON AVE ROW	03-13-554252	LUST	Petroleum, VOC
325 W JOHNSON	02-13-560748	ERP	Petroleum, VOC
3868 E WASHINGTON AVE LLC	03-13-170385	LUST	Petroleum, VOC
4 SEASONS CAR WASH	03-13-548440	LUST	Petroleum, VOC
612 UNIVERSITY AVE ROW	03-13-553732	LUST	Petroleum, VOC
A T & T	03-13-001238	LUST	Petroleum
AMERICAN FAMILY INSURANCE	03-13-150582	LUST	Unknown
AMOCO #15389	03-13-001334	LUST	Petroleum
AMOCO #15567	03-13-001178	LUST	Petroleum
AMOCO #15568	03-13-099172	LUST	Unknown
AMOCO #15785	03-13-002092	LUST	Unknown
AMOCO #19689	03-13-000725	LUST	Petroleum
AUTOMOTIVE REPAIR & ACCESSORIES	03-13-002254	LUST	Unknown
B & B 76 SERVICE STATION	03-13-002110	LUST	Petroleum, VOC
BADGER CAB CO	03-13-001837	LUST	Unknown

Site Name	BRRTS No.	Activity Type*	Substances**
BADGER RADIATOR PROERTY FORMER	03-13-554497	LUST	Petroleum
BANK ONE	03-13-002573	LUST	Unknown
BERRYMAN APTS SITE #1	03-13-002334	LUST	Unknown
BERRYMAN APTS SITE #2	03-13-002335	LUST	Unknown
BERRYMAN APTS SITE #3	03-13-002336	LUST	Unknown
BLIED PRINTING	03-13-001077	LUST	Petroleum
BLOCK 89	02-13-119255	ERP	Unknown
BOSBEN PARTNERSHIP PROPERTY	03-13-279262	LUST	Petroleum, VOC
BREESE TERRACE UNION	02-13-556909	ERP	Petroleum, Metals
BRINKER PROPERTY	03-13-283347	LUST	Petroleum
BROOKINS MANAGEMENT CO	03-13-271643	LUST	Petroleum
BURKE TN	03-13-000233	LUST	Petroleum
CAPITAL CITY INTERNATIONAL FORMER	02-13-580855	ERP	Petroleum, VOC
CAPITAL CITY INTERNATIONAL FORMER	02-13-582515	ERP	Unknown
CAR CARE CLINIC	03-13-001486	LUST	Petroleum
CENTRAL FOCUS LLC	03-13-537738	LUST	Petroleum
CHAZEN MUSEUM EXPANSION CONSTRUCTION SITE	02-13-554473	ERP	Petroleum, VOC, Metals
CITGO QUICK MART	03-13-002732	LUST	Unknown
CITY EMPLOYEES CREDIT UNION	03-13-286299	LUST	Petroleum
CLARK OIL #03	03-13-001546	LUST	Petroleum
CLASSIC CLEANERS	02-13-522764	ERP	VOC
COCA COLA BOTTLING	03-13-000305	LUST	Petroleum
COMMERCIAL MANAGEMENT SERVICE	03-13-001065	LUST	Petroleum
COMMUNITY HOUSING & SERVICES	03-13-002817	LUST	Unknown
DON MILLER	02-13-577635	ERP	VOC
DON MILLER N 800 BLOCK	02-13-560609	ERP	Petroleum, VOC, Metals
DON MILLER PONTIAC EAST	03-13-001167	LUST	Petroleum
DON MILLER PONTIAC EAST	03-13-000293	LUST	Petroleum, other
DON MILLER PONTIAC EAST	03-13-000561	LUST	Other
DON MILLER PONTIAC GMC	03-13-529237	LUST	Petroleum
EDWARDOS PIZZA	03-13-001684	LUST	Unknown
Erickson Freedom Station	03-13-284909	LUST	Petroleum

Site Name	BRRTS No.	Activity Type*	Substances**
FAUST PROPERTY	03-13-190167	LUST	Unknown
FIRSTAR BANK MADISON	03-13-002530	LUST	Unknown
FLAD REDEVELOPMENT	02-13-262211	ERP	VOC
FORBES PROPERTY	03-13-002683	LUST	Unknown
FOREST PRODUCTS LAB - USDA	03-13-001451	LUST	Petroleum
FRAME WORK SHOP FORMER	03-13-548371	LUST	Petroleum
GALAXIE	03-13-563667	LUST	Petroleum
GOEDEN RESTAURANT	03-13-002149	LUST	Unknown
GOODYEAR AUTO SERVICE CENTER	03-13-002050	LUST	Unknown
GREAT BIG PICTURES	02-13-001221	LUST	Unknown
GREAT DANE DEVELOPMENT	03-13-521331	LUST	Petroleum
HARDEES RESTAURANT PROPERTY	03-13-001416	LUST	Petroleum
HAWTHORNE COURT APTS	03-13-001424	LUST	Petroleum
HENKEL TRANSPORT	02-13-000878	ERP	Unknown
HERTZ CAR SALES	03-13-001526	LUST	Petroleum
HIGHLAND TRANSITIONAL CARE FACILITY	03-13-254686	LUST	Petroleum, VOC
HILDDALE SHELL	03-13-002209	LUST	VOC
HUB AT MADISON	03-13-561429	LUST	Petroleum
HUMISTON KEELING COMPANY	03-13-561428	LUST	Petroleum, VOC
IMPORT AUTO CLINIC INC	03-13-170394	LUST	Petroleum
IMPORT AUTO REDEVELOPMENT	03-13-563361	LUST	Petroleum
JOHNSON HOUSE	02-13-206378	ERP	Unknown
JOSHEF PROPERTY (FORMER)	03-13-544169	LUST	Petroleum, VOC
KLINKE CLEANERS	02-13-307195	ERP	VOC
KLINKE DRY CLEANERS CAMPUS	02-13-551964	ERP	VOC
KRAMER PRINTING	03-13-150572	LUST	Petroleum
KRISHNAIAH PROPERTIES	02-13-385969	ERP	Unknown
KRISHNAIAH PROPERTIES 3015 E WASH	02-13-385257	ERP	Petroleum, VOC, Metals
M & I PARKING LOT (FORMER)	03-13-292786	LUST	Unknown
MADISON COLLEGE TRUAX PARKING LOT	03-13-558612	LUST	Petroleum
MADISON CTY	02-13-001610	ERP	Unknown
MADISON CTY - DAYTON ST RAMP	02-13-001696	ERP	Unknown
MADISON DAIRY PRODUCE	03-13-000314	LUST	Petroleum, VOC
MADISON EAST SHOPPING CENTER	03-13-001969	LUST	Petroleum, VOC
MADISON FIRE DEPT MAINTENANCE	03-13-002400	LUST	Unknown

Site Name	BRRTS No.	Activity Type*	Substances**
MADISON GAS & ELECTRIC	03-13-116690	LUST	Unknown
MADISON METRO TRANSIT	03-13-241755	LUST	Unknown
MARKETPLACE	03-13-001143	LUST	Petroleum
MARLING LUMBER	02-13-563231	ERP	Petroleum
MARLING LUMBER	03-13-001377	LUST	Petroleum
MARQUIP INC	02-13-182522	ERP	Unknown
MARQUIP INC	03-13-252697	LUST	Unknown
MARQUIP INC UST D	03-13-252675	LUST	Petroleum
MATC	03-13-001769	LUST	Unknown
MATC DAYTON ST RAMP	03-13-002735	LUST	Unknown
MAUTZ PAINT SITE #2	03-13-101143	LUST	VOC
MAUTZ PAINT SITE #3	03-13-002513	LUST	VOC
MCCORMICK PROPERTY SITE #1	03-13-178409	LUST	Unknown
MCCORMICK PROPERTY SITE #2	03-13-178414	LUST	Unknown
MCCORMICK PROPERTY SITE #3	03-13-178419	LUST	Unknown
MCGETTIGAN PROPERTY	02-13-321347	ERP	VOC
MESSNER INC	03-13-000521	LUST	Petroleum
MIDDLETON TN GARAGE	03-13-000722	LUST	VOC, other
MOBIL #05-EGN	03-13-000060	LUST	Petroleum, other
MOBIL #05-G05	03-13-000642	LUST	Petroleum
MULLINS PROPERTY	03-13-001634	LUST	Unknown
MURIE-COX PROPERTY	03-13-234783	LUST	Petroleum, VOC
NEW FREEDOM SERVICE STATION	03-13-000519	LUST	Petroleum
NORDIC AUTOMOTIVE	03-13-001502	LUST	Petroleum
NORTH SQUARE ASSOCIATES	03-13-116733	LUST	Unknown
OCTOPUS CAR WASH	03-13-002758	LUST	VOC
OCTOPUS CAR WASH	03-13-002759	LUST	VOC
ONE EAST MAIN ASSOCIATES LTD	03-13-113257	LUST	Unknown
PAHL TIRE CO	03-13-182441	LUST	Unknown
PAHL TIRE FORMER	03-13-576700	LUST	Petroleum
PDQ #120	03-13-000785	LUST	Petroleum
PDQ #124	03-13-002767	LUST	Unknown
PDQ #125	03-13-099075	LUST	Unknown
PETTY FAMILY TRUST PROPERTY	03-13-369183	LUST	Petroleum
PICKETTS 76 SERVICE	03-13-002421	LUST	Unknown
PROCO	03-13-258424	LUST	Petroleum
PROPOSED CLINIC	03-13-576054	LUST	Petroleum, VOC
REYNOLDS TRANSFER & STORAGE	03-13-002737	LUST	Unknown

Site Name	BRRTS No.	Activity Type*	Substances**
RITE-WAY LEASING CO	03-13-001552	LUST	Unknown
ROADWAY TRANSMISSION	03-13-448868	LUST	Petroleum
ROWLEY SCHLIMGEN	03-13-001662	LUST	Petroleum
ROWLEY SCHLIMGEN	03-13-000397	LUST	Petroleum
SAFC INC	02-13-561655	ERP	VOC
SAVIDUSKYS INC	03-13-207239	LUST	Petroleum, VOC
SCHAPPE PROPERTY	03-13-002428	LUST	Unknown
SECURITY STATE SAVINGS BANK	03-13-001596	LUST	Unknown
SEVERSINS SERVICE	03-13-193999	LUST	Petroleum, VOC
SHOREWOOD SERVICE CENTER	03-13-104773	LUST	Petroleum, VOC
SPAHN PROPERTY	03-13-001993	LUST	Unknown
SPEEDWAY #2013	03-13-096633	LUST	Unknown
SPEEDY MUFFLER	02-13-548255	ERP	Unknown
SPIRIT FINANCE	02-13-555145	ERP	VOC
STRAUS PRINTING PROPERTY	02-13-307189	ERP	Petroleum, Metals
TENNY BUILDING	03-13-556195	LUST	Petroleum
TENNY PLAZA	03-13-000062	LUST	Petroleum
TOMS AUTO CLINIC	03-13-000464	LUST	Other
TOTAL MART	03-13-001808	LUST	Petroleum
U W BABCOCK GREENHOUSES	02-13-001564	ERP	Unknown
U W MANDT FARM PROPERTY	02-13-001639	ERP	Unknown
U W MECHANICAL ENGINEERING	03-13-198734	LUST	Unknown
UNION CORNERS GAS STATION	03-13-558161	LUST	Petroleum
UNIVERSITY OF WI LOT 47	03-13-546660	LUST	Unknown
UNIVERSITY SQUARE SHOPPING CENTER	03-13-547953	LUST	Unknown
USDA FOREST PRODUCTS LAB	03-13-002691	LUST	Unknown
USDA FOREST PRODUCTS LAB SITE #2	03-13-202877	LUST	Unknown
UW BABCOCK GREENHOUSE-MADISON	02-13-547100	ERP	Unknown
UW CHARMANY FARMS	03-13-000766	LUST	Petroleum
UW DAIRY BARN	03-13-000618	LUST	Petroleum
UW GROUNDS DEPT	03-13-000645	LUST	Petroleum
UW MADISON CAPITAL HEAT & POWER PLT	03-13-187147	LUST	Unknown
UW MADISON CHEMISTRY BLDG	03-13-234784	LUST	Petroleum
UW MADISON WALNUT ST PLT	03-13-194016	LUST	Petroleum, VOC
UW MEDICAL SCIENCE CENTER	03-13-002443	LUST	Unknown
UW PETERSON BLDG	03-13-001760	LUST	Unknown
UW SCHOOL OF BUSINESS	03-13-001105	LUST	Petroleum
VARSITY OF MADISON LLC	03-13-543092	LUST	Petroleum

Site Name	BRRTS No.	Activity Type*	Substances**
VIENTIANE PALACE RESTAURANT	03-13-120650	LUST	VOC
VISTA U-PUMP #8	03-13-187028	LUST	VOC
WALGREENS	03-13-259899	LUST	Petroleum
WALK-IN MEDICAL CLINIC	03-13-002012	LUST	Unknown
WALLER PROPERTY	03-13-001380	LUST	Petroleum
WASHINGTON PLAZA	03-13-532116	LUST	Petroleum
WEST CAMPUS COGENERATION FACILITY	02-13-548726	ERP	Unknown
WEST TOWNE AMOCO	03-13-558028	LUST	Petroleum
WI DEPT OF REVENUE	03-13-001132	LUST	Petroleum
WI DOA HILL FARMS HEATING PLT	03-13-208083	LUST	Unknown
WIS BELL - KEDZIE RD	03-13-000289	LUST	Unknown
WISCONSIN BELL	03-13-002056	LUST	Unknown
YAHARA SQUARE	03-13-000509	LUST	Petroleum

*Activity Code: Environmental Repair Program (ERP), leaking underground storage tank (LUST)

**Substances: Volatile organic compounds (VOC), Tetrachloroethene (PCE), Polynuclear aromatic hydrocarbons (PAHs)
Yellow highlighting indicated sites within 200 feet of proposed BRT stations.

Table 3 lists the one open potentially contaminated site and 12 closed potentially contaminated sites within the limits of disturbance for the East-West BRT Project.

Table 3: Potentially Contaminated Sites within Project Limits of Disturbance

Site Name	BRRTS No.	Activity Type	Substances	Status
Breese Stevens Field	02-13-550026	ERP	VOC	Open
1401 E Washington Ave.	03-13-449121	LUST	Petroleum	Closed
2526 E Washington Ave.	03-13-551915	LUST	Petroleum	Closed
2900 E Washington Ave.	03-13-550755	LUST	Petroleum	Closed
3098 E Washington Ave.	03-13-554252	LUST	Petroleum, VOC	Closed
612 University Ave.	03-13-553732	LUST	Petroleum, VOC	Closed
AT&T	03-13-001238	LUST	Petroleum	Closed
Firstar Bank Madison	03-13-002530	LUST	Unknown	Closed
Humiston Keeling Company	03-13-561428	LUST	Petroleum, VOC	Closed
M & I Parking Lot (Former)	03-13-292786	LUST	Unknown	Closed
One East Main Associates Ltd.	03-13-113257	LUST	Unknown	Closed
PDQ #120	03-13-000785	LUST	Petroleum	Closed
Speedy Muffler	02-13-548255	ERP	Unknown	Closed

3. Avoidance, Minimization and Mitigation Measures

The project would largely occur within the existing right-of-way. Ground disturbance and work outside of the existing right-of-way would be required at proposed BRT stations. The project would not require building demolition.

There would be no hazardous or regulated materials produced by the project during its operation. No permanent storage tanks would be installed for as part of this project. The collection and disposal of oils, grease, and other waste materials generated during vehicle maintenance and repair activities would be performed in accordance with recognized industry best management practices (BMPs) for bus maintenance facilities and in accordance with regulatory requirements.

During final design, the City of Madison will conduct a Phase I Environmental Site Assessment (ESA) for all disturbance areas in accordance with the US Environmental Protection Agency's All Appropriate Inquires Rule. The results of the investigation would be used to determine if impacts to contaminated sites could be minimized or avoided or if additional investigation is needed (Phase II ESA). A Contaminated Materials Management Plan approved by the DNR would be implemented during construction as a proper method of handling contamination and regulated waste materials and providing protection for construction workers.

Construction materials and debris, including fuels, oil, and other liquid substances, would be stored in the construction area in a manner that would prevent them from entering a wetland, waterbody, or groundwater source as a result of spillage, natural runoff, or flooding. If a spill of any potential pollutant should occur, it would be the responsibility of the City of Madison to remove such material, minimize any contamination resulting from the spill, and immediately notify the State Duty Officer.

Figure 1: Known Potentially Contaminated Sites (West Segment)

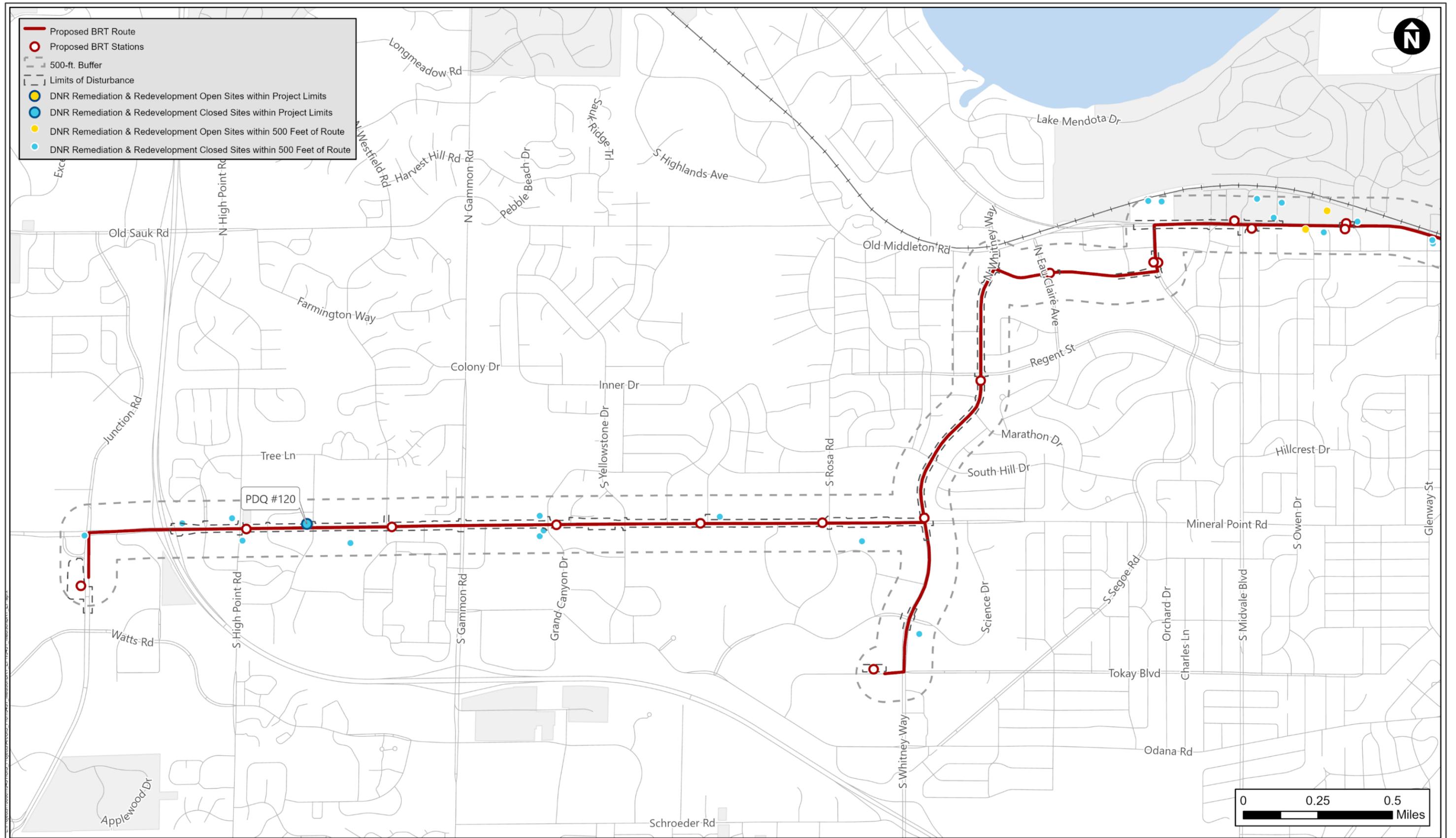


Figure 2: Known Potentially Contaminated Sites (Center Segment)

