

REQUEST FOR SITE-SPECIFIC VIAC

FACILITY/SITE NAME AND OTHER IDENTIFIERS:

Name: 11545 Van Dyke, Detroit

Address: 11545 Van Dyke, Detroit

Facility/Site ID: 10000356

PROJECT MANAGER AND CONTACT INFORMATION:

Name: Beth Vens

District: SEMI

Phone: 5867533825

Email: vensb@michigan.gov

REVIEW TIMEFRAME: 2-3 weeks

HAZARDOUS SUBSTANCES WITH CAS NUMBERS PRESENT AT THE FACILITY/SITE:

Hazardous substance	CAS #
Methyl-tert-butyl-ether	1634044
Napthalene	91203
2-methylnapthalene	91576
2,2,4-trimethyl pentane	540841
n-hexane	110543
ethanol	64175
1,2,3-trimethylbenzene	526738
1,2,4-trimethylbenzene	95636
1,3,5-trimethylbenzene	108678
t-butyl alcohol	75650
1,2 dichloroethane	107062
t-butyl alcohol	75650
trichloroethylene	79016
tetrachloroethylene	127184
Cis-1,2-dichloroethylene	156592
Trans-1,2-dichloroethylene	156605
Vinyl chloride	75014
1,1 dichloroethylene	75354
1,1,1-trichloroethane	71556
1,1-dichloroethane	75343
1,1,2-trichloroethane	79005

Hazardous substance	CAS #
benzene	71432
ethylbenzene	100414
xylene	1330207
toluene	108883
n-butylbenzene	104518
n-propylbenzene	103651
Sec-butylbenzene	135988
Tert-butylbenzene	98066
isopropylbenzene	98828
Ethyl-tert-butyl ether	637923
Ethylene dibromide	106934

If multiple buildings are present that have different construction or different land use designations, when available, information should be provided for each. Where information is not available the most conservative inputs will be used.

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RESIDENTIAL LAND USE:

- | | |
|--|--|
| <input checked="" type="checkbox"/> House | <input type="checkbox"/> High-Rise Apartment |
| <input type="checkbox"/> Slab on grade | <input type="checkbox"/> Slab on grade |
| <input type="checkbox"/> Crawlspace | <input type="checkbox"/> Crawlspace |
| <input checked="" type="checkbox"/> Basement | <input type="checkbox"/> Basement |

3.5' depth : Depth to Groundwater: if Groundwater <3m:
Yes 1 m between bottom of foundation & groundwater

NONRESIDENTIAL LAND USE – Consistent with nonresidential criteria assumptions¹:

- ☒ Nonresidential structure < 50,000 ft²
- ☐ Nonresidential structure > 50,000 ft²
- ☐ Former residential structure now nonresidential use
 - ☒ Slab on grade
 - ☐ Crawlspace
 - ☐ Basement

¹ NONRESIDENTIAL LAND USE not consistent with nonresidential criteria exposure assumptions (*i.e., nonresidential criteria are applicable to commercial or industrial nonresidential land use categories with potential exposure to adult workers during a business day and potential exposures of adults and children who are customers, patrons, or visitors to commercial or industrial establishments during a portion of the business day; e.g., not school, day-care, campgrounds, recreational area*) will require more data, more coordination, and longer timeframe to develop site-specific VIAC.

3.5' depth : Depth to Groundwater: if Groundwater <3m:
Yes 1 m between bottom of foundation & groundwater

SOIL TYPE(S) PER USDA CLASSIFICATION: If not available will be based on sand; if more than a single soil type is identified the VIAC will be based on the soil type that results in the most protective VIAC.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Unknown | <input type="checkbox"/> Sandy Clay Loam |
| <input type="checkbox"/> Sand | <input type="checkbox"/> Clay Loam |
| <input type="checkbox"/> Loamy Sand | <input type="checkbox"/> Silty Clay Loam |
| <input type="checkbox"/> Sandy Loam | <input type="checkbox"/> Sandy Clay |
| <input type="checkbox"/> Loam | <input type="checkbox"/> Silty Clay |
| <input type="checkbox"/> Silty Loam | <input type="checkbox"/> Clay |

USCS classifications are not interchangeable for USDA Classifications

Note: If heterogeneous soils are present with more data, more coordination, and a longer development time frame site-specific VIAC can reflect the various soils types present.