

## **Technical Summary Report of Environmental Conditions on Property controlled by MDOT Instructions**

The Technical Summary Report of Environmental Conditions on operational right-of-way or other MDOT property shall provide specific information on the environmental contamination as it has impacted and will impact the specific area of MDOT controlled property. The information shall be specifically provided and **not** referenced in note(s).

**The generated Technical Summary Report (TSR) of environmental contamination conditions within the identified operational right-of-way or other MDOT property shall include information on the following:**

- TSR shall be written using Table of Contents format found on MDOT's public web page in the examples section.
- Site history including soil removal, remediation systems, presence of Non-Aqueous Phase Liquids (NAPL) and/or C sat soils.
- Location and extent of groundwater and soil contamination within operational right-of-way or other MDOT property.
- Recent sampling data for groundwater and soils located on a scaled site map.
- Due care issues, (e.g. worker safety, exposure concerns, relevant pathways that may affect construction, and necessary due care precautions) within the Area of Contamination.
- Impact to storm water system as it affects MDOT's National Pollutant Discharge Elimination System Permit. If storm water system is, or may be impacted, a conditional license may be necessary. Provide information documenting how the contamination is not entering the storm water system (i.e. sealed storm sewer), or how the contamination is attenuating. (See special section located in Examples area of public web page for instructions on preparation of storm system assessment)
- Assessment of utility corridors/trenches where contamination has affected the utility. Provide a written assessment to define contaminant pathways and potential impacts within the RESTRICTED AREA WITHIN PROPERTY OWNED/CONTROLLED BY MDOT.
- Provide costs estimates for contaminated soil and/or groundwater removal and disposal within the RESTRICTED AREA WITHIN PROPERTY OWNED/CONTROLLED BY MDOT if construction activities were to be needed in the future. This information will be used to determine if bonding is necessary to mitigate impacts of the contamination on future construction costs.
- Global Positioning System (GPS) coordinates in decimal degrees for the center of the RESTRICTED AREA WITHIN PROPERTY OWNED/CONTROLLED BY MDOT.
- MDOT may request additional information from a draft closure report or draft no further action document to make a construction risk assessment by MDOT staff.

### **Supporting Documentation**

Submit information on the type of MDOT property that will be reviewed. Is the property or Right-of-Way MDOT easement, fee, statutory, or dedicated? This information will be required if the applicant is pursuing a waiver from the license agreement.

Maps and tables to be included with the submittal:

- Monitor wells and boring locations (well history not needed)
- Groundwater elevation contours to show groundwater flow direction.
- Iso-concentration map(s) for contaminants of concern.
- Soil verification data and estimated extent of soil contamination
- Vertical and horizontal cross sections showing the extent of groundwater and soil contamination and location of utilities within the operational right-of-way or other MDOT impacted property.
- Utility locations and depths identified and provided on maps with any impacts from contamination identified.

### **Additional**

The RESTRICTED AREA WITHIN PROPERTY OWNED/CONTROLLED BY MDOT is depicted on the Scaled Drawing (Exhibit 1) of the application package. Exhibit 1 shall also include the Property Description, describing the subject property, obtained from a title commitment or vesting deed. MDOT will use the Scaled Drawing and Property Description to evaluate the property operational right-of-way or other MDOT impacted property adjacent to the facility plus a buffer of 25 feet as part of the construction risk review. The scaled drawing shall identify the extent of contamination

**NOTE: The restricted area within property owned/controlled by MDOT shall be inclusive of all MDOT Right of Way up to any monitor wells or soil borings that demonstrate contamination below risk based concentrations or to non-detect. This may include both lanes in the roadway, boulevards, or other right of way areas.**

At a minimum the Scaled Drawing should include:

1. A north arrow
2. A graphical scale bar and scale statement (i.e. 1"=50')
3. The limits of the property plotted, to scale, showing the relationship to MDOT's Right Of Way.
4. The route name identified.
5. A statement identifying the Township, Range and Section where the parcel is located.
6. The limits of the RESTRICTED AREA WITHIN PROPERTY OWNED/CONTROLLED BY MDOT plotted to scale. This area should be hatched and labeled appropriately.
7. The location of significant site features such as buildings, drives, parking lots, and road surface.

MDOT's review period will start when the application package is determined by MDOT to be administratively complete. The application package must contain all the information, including any cost estimates for any possible construction risk, before a review is completed by MDOT staff.

**NOTE:** If a construction risk is identified within the RESTRICTED AREA WITHIN PROPERTY OWNED/CONTROLLED BY MDOT as part of the MDOT review, permanent markers will be required as part of the permit conditions per specifications of Form 3760D

**NOTE:** For purpose of the Environmental License Agreement (ELA) process, MDOT's operational right-of-way will be defined as any MDOT controlled property that has not been declared as excess by MDOT.