SSVIAC/SSTL QUESTIONNAIRE

FACILITY/SITE NAME AND OTHER IDENTIFIERS:

Name:

Address:

County:

Facility/Site ID:

EGLE PROJECT MANAGER AND CONTACT INFORMATION:

Name:

District:

Phone:

Email:

REVIEW TIMEFRAME: Choose an item.

Justification for expediated turn arounds:

**** *This information must be completed by EGLE staff* ****

SIGMA Location Code: Sub-location (if available):

Is this a new request or resubmission (highlight areas that are revised/new)?

NEW ☐ **RESUBMISSION ☐**

Information submitted to EGLE identifies that the depth to groundwater represents the shallowest depth encountered at the site (or depth of investigation if no groundwater was encountered)?

YES ☐ **[1]NO ☐** **[1]NO SUPPORTING DOCUMENTATION ☐**

Site-specific criteria will be calculated using the default USDA soil type of sand unless information submitted to EGLE supports using the identified USDA soil classification and includes sufficient soil borings to properly characterize the various soil types and various soil horizon thicknesses for the site.

SAND ☐ **OTHER (see below and attached documentation) ☐**

Information submitted to EGLE supports that the identified general building conditions and land use are consistent with current or proposed site conditions?

YES ☐ **[2]NO ☐** **[2]NO SUPPORTING DOCUMENTATION ☐**

Comments or clarifications:

[1]Site-specific VIAC will be developed based on shallow groundwater.

[2]Site-specific VIAC will be developed based on unrestricted residential input parameters and the information provided.

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

Hazardous substance	CAS #

Hazardous substance	CAS #

RESIDENTIAL (inclusive of mixed residential/nonresidential use):

Land Use

- ☐ House
  - ☐ Slab-on-grade
  - ☐ Basement
  - ☐ Crawlspace w/ slab
  - ☐ Crawlspace w/ dirt floor
- ☐ High-Rise Apartment (6 floors or more)
  - ☐ Slab-on-grade
  - ☐ Basement
  - ☐ Crawlspace w/ slab
  - ☐ Crawlspace w/ dirt floor

If multiple foundation types are selected, are these foundations present for:

N/A ☐ single structure ☐ multiple single-foundation structures ☐

____ Depth below grade to first encountered groundwater (or depth of investigation if not encountered). A specific depth that is NOT an average must be provided.

____ If a crawlspace is present, the depth of construction below grade is required.

NONRESIDENTIAL:

Land Use – Consistent with nonresidential criteria assumptions[2,3]:

- ☐ Nonresidential structure < 50,000 ft^2
- ☐ Nonresidential structure > 50,000 ft^2
- ☐ Former residential structure now nonresidential use

Building Foundation:

- ☐ Slab-on-grade
- ☐ Basement
- ☐ Crawlspace w/ slab
- ☐ Crawlspace w/ dirt floor

If multiple foundation types are selected, are these foundations present for:
N/A ☐ single structure ☐ multiple single-foundation structures ☐

If > 50,000 ft^2 continuously open space, does the structure also have portions of < 50,000 ft^2 continuously open space (e.g. offices, breakrooms, etc.)?
N/A ☐ YES ☐ NO ☐

____ Depth below grade to first encountered groundwater (or depth of investigation if not encountered). A specific depth that is NOT an average must be provided.

____ If a crawlspace is present, the depth of construction below grade is required.

[2] NONRESIDENTIAL LAND USE not consistent with nonresidential criteria exposure assumptions will require more data, more coordination, and longer timeframe to develop site-specific VIAC. Nonresidential site-specific VIAC are developed for healthy adult workers with potential exposure during a workday and potential intermittent exposure of adults and children who are customers, patrons, or visitors to commercial or industrial establishments during a portion of the workday. Nonresidential criteria are not appropriate for establishments where children and other sensitive populations may be frequently present (e.g., schools, day-care, hospitals, campgrounds, recreational areas, etc.,).

[3] Nonresidential building size of </> 50,000 ft^2 is based on continuous open space and refers to the structure or a portion of the structure.

SOIL TYPE(S) PER **USDA** CLASSIFICATION: If the site-specific soil type is unknown or were not classified using USDA soil classification methodologies, the soil type will be based on USDA sand.
If more than a single soil type is identified, the SSVIAC will be based on the USDA soil type that results in the most restrictive criteria to assure no unacceptable risk.

USCS classifications are not interchangeable for USDA Classifications

- ☐ Unknown
- ☐ Sand
- ☐ Loamy Sand
- ☐ Sandy Loam
- ☐ Loam
- ☐ Silty Loam
- ☐ Sandy Clay Loam
- ☐ Clay Loam
- ☐ Silty Clay Loam
- ☐ Sandy Clay
- ☐ Silty Clay
- ☐ Clay

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