

SITE RANKING FORM

SOIL CONTAMINATION

Total Regulated PAHs – Maximum concentration at the site (Assume < 0.660 mg/kg if only gasoline was stored on site)

_____ $\leq 0.0660 = 0$

_____ $.066-0.99 \text{ mg/kg} = 10$

_____ $1-10 \text{ mg/kg} = 25$

_____ $>10 \text{ mg/kg} = 50$

Total Benzene – Maximum Concentration found on the site

_____ $\leq 0.005 \text{ mg/kg} = 0$

_____ $>0.005 - .05 \text{ mg/kg} = 1$

_____ $.05 - .99 = 10$

_____ $1 - 9.9 = 25$

_____ $10 - 49.9 \text{ mg/kg} = 40$

_____ $\geq 50 \text{ mg/kg} = 50$

DEPTH TO GROUNDWATER – (Shallowest)
(bls = below land surface)

_____ $> 50' \text{ bls} = 1$

_____ $> 25' \text{ bls} = 2$

_____ $> 10' \text{ bls} = 5$

_____ $\leq 25' \text{ bls} = 10$

Fill in the blanks: (A. _____ + B. _____) x C. _____ = D. _____

GROUNDWATER CONTAMINATION

E. Free Product (Nonaqueous-phase liquid hydrocarbons: See Guidelines for definition of "sheen").

_____ No free product = 0

_____ Sheen – 1/8" = 250

_____ $> 1/8" - 6" = 500$

_____ $> 6" - 1\text{ft.} = 1,000$

_____ For every additional inch above a foot,
add 100 more points = 1,000+

Dissolved Benzene – Maximum Concentration at the site (One well must be located at the source of the release.)

_____ $\leq \text{ug/L} = 0$

_____ $>5 - 100 \text{ ug/L} = 5$

_____ $>100 - 1,000 \text{ ug/L} = 50$

_____ $>1,000 - 5,000 \text{ ug/L} = 250$

_____ $>5,000 - 10,000 \text{ ug/L} = 500$

_____ $> 10,000 \text{ ug/L} = 1,500$

Fill in the blanks: (E. _____ + F. _____) = G. _____

POTENTIAL RECEPTORS

Distance from nearest contaminant plume boundary to the nearest hydraulically connected Point of Withdrawal for water supply. This distance must be field-verified. **If the point of withdrawal is not hydraulically connected, evidence as outlined in the CAP-A guidance document MUST be presented to substantiate this claim.**

H. Public

- ___ Impacted = 2,000
- ___ ≤ 500' = 500
- ___ > 500' – 1/4 mi = 25
- ___ > 1/4 mi – 1 mi = 10
- ___ > 1 mi – 2 mi = 2
- ___ > 2 mi = 0

Non-Public

- ___ Impacted = 1,000
- ___ ≤ 100' = 500
- ___ > 100' - 500' = 25
- ___ > 500' – 1/4 mi = 5
- ___ > 1/4 mi – 1/2 mi = 2
- ___ > 1/2 mi = 0

For lower susceptibility areas only:

- ___ > 1 mi = 0

For lower susceptibility areas only:

- ___ > 1/4 mi = 0

Note: If site is in lower susceptibility area do not use the shaded areas.

Distance from nearest contaminant Pulum boundary to downgradient Surface Waters **OR UTILITY TRENCHES & VAULTS** (Must be field _verified)

- ___ Impacted = 500
- ___ ≤ 500' = 50
- ___ > 500'- 1,000' = 5
- ___ > 1,000' = 2

Distance from any Free Product to basements and crawl spaces

- ___ Impacted = 500
- ___ ≤ 500' = 50
- ___ > 500'- 1,000' = 5
- ___ > 1,000' = 2

Fill in the blanks:

(H. _____ + I. _____ + J. _____ + K. _____) = L. _____

(G. _____ x L. _____) = M. _____

(M. _____ + D. _____) = N. _____

P. SUSCEPTIBILITY AREA MULTIPLIER

- ___ If site is located in a Low Ground – Water Pollution Susceptibility Area = 0.5
- ___ All other sites = 1

EXPLOSION HAZARD

Have any explosive petroleum vapors, possibly originating from this release, been detected in any subsurface structure (e.g., utility trenches, basements, vaults, crawl space, etc.)

- ___ Yes = 200,000
- ___ No = 0

(N. _____ x P. _____)+ Q. _____ = _____
ENVIRONMENTAL SENSITIVITY SCORE