

GUIDELINES FOR REDUCTION OF GROUNDWATER SAMPLING

(A) GROUNDWATER SAMPLING EVENTS

- sample the wells which have had concentrations of 15 ppm or greater during one of the last two groundwater sampling events
- if a well had free product in the past, sample the well until there are two consecutive sampling events below 15 ppm
- sample one upgradient (based on groundwater flow direction) well and the furthest downgradient well
- do not conduct PAH sampling UNLESS PAH is the only constituent of concern at the site
- do not sample wells that have been ND (non-detect) for 3 consecutive sampling events
- still obtain groundwater elevations for each well

(B) ASSESSMENT SAMPLING

- Wells from Previous Assessment:
 - (1) if the next assessment phase occurs within 6 months of the previous assessment, the original wells do not need to be sampled during the current assessment (for example if a Phase 1 occurred less than 6 months before the Phase 2, the Phase 1 wells do not need to be sampled)
 - (2) if the next assessment phase occurs over 6 months from the previous assessment, all original wells can be sampled according to **Number of Wells** below
- Number of Wells:
 - (1) if there are more than 10 wells on the site, the wells can be sampled according to **(A) Groundwater Sampling Events** above
 - (2) if there are less than 10 wells on the site, then sample all wells
- PAH contamination:
 - (1) if the Phase 1 does not find any PAH contamination, do not conduct PAH sampling for soil or groundwater in any future assessments
 - (2) if the Phase 1 does find PAH contamination, then continue sampling soil and groundwater for PAH
- do not sample wells that have been ND (non-detect) for 3 consecutive sampling events
- still obtain groundwater elevations for each well

(C) SYSTEM TRIANNUAL SAMPLING

- same criteria as in **(A) Groundwater Sampling Events** above
- may need to include sampling more downgradient wells if the contamination has moved off-site

GENERAL:

- Leak detection wells will be treated the same as the monitoring wells.
- For offsite wells, consider the site and use your best judgement.
- **Before granting a no further action to a site, all wells will be sampled for BTEX. The wells should also be sampled for PAH if there were ever any PAH concentrations above our levels.**