

Attachment 1 to NOI
Notice of Intent Additional Information Requirements

- A Final Approved Work Plan and CEQA document for the project. Any of the information required below that is contained in the work plan need not be reproduced separately from the work plan.
- B Final Approved Remedial Action Plan or Cleanup Plan. If a Remedial Action Plan has been approved, a copy of the Remedial Action Plan should also be provided.
- C Location:
 - i) USGS Quad Sheet delineating location.
 - ii) Another figure showing a closer view of the site.
 - iii) A description of the remediation area and area surrounding the remediation area.
- D Bench Scale/Pilot Scale Testing:
 - i) Results from bench scale or pilot-scale testing that demonstrates that the proposed project is likely to be successful at the site. If the data provided is from a different project location, the provided information needs to support that the tested site is substantially similar to the proposed project site in regards to soil properties and makeup.
- E Geology/Hydrogeology:
 - i) A description of the geology/hydrogeology of the site and surrounding area within $\frac{1}{4}$ mile of the site.
 - ii) Geologic cross-sections through the site, both perpendicular and parallel to the groundwater flow direction.
 - iii) Table of monitor wells in the vicinity including as-built information.
- F Groundwater Information:
 - i) Narrative description of the occurrence and quality of groundwater at the site, including upgradient and downgradient conditions
 - ii) A figure depicting groundwater monitor wells/piezometers and water supply wells
 - iii) Figures showing groundwater potentiometric surface maps for each layer of interest.
 - iv) Figure showing water supply wells within 1-mile of the project location, along with any available information regarding construction, use and pumping rates.

G Water Quality Information:

- i) Tables of water quality data for each monitor well within the area of the testing. Wells segregated into monitor zones, and upgradient, downgradient and within the plume wells. The data should include detection and reporting levels for the analyses listed.
- ii) Water quality data should include VOCs, general minerals, metals (need to include iron, manganese, total chromium, hexavalent chromium, . . .), sulfate, nitrate, ammonia, dissolved oxygen, oxidation/reduction potential, chemical oxygen demand, total dissolved solids, electrical conductivity, temperature
- iii) Figures depicting the groundwater contaminant plume configurations for each of the monitor zones.
- iv) Tables presenting background concentrations of COCs, injectant components and potential breakdown products.

H Project Proposal:

- i) Proposed injection points
- ii) Injectant(s) to be used for remediation and for biofouling control
- iii) Analysis of the injectants – VOCs, semi-VOCs, metals, general minerals, pH, TDS. . .
- iv) Potential breakdown products of COCs and injectants. Estimated concentrations of the injectants and breakdown products remaining at the conclusion of the project. The estimated concentrations need to be compared to background concentrations of the pollutants.
- v) Proposed injectant rates and concentrations.
- vi) Proposed tracer compounds, application concentration rates, and concentrations of tracer within treatment zone for conducting tracer tests
- vii) Delineation of treatment zone – including figure
- viii) Delineation of transition zone – including figure
- ix) Proposed monitoring program – frequency, methods, quantitation and detection limits – use Attachment C as template.
- x) Treatment system, if any, description and proposed operation
- xi) List of proposed wells, and figure delineating the locations of the wells, for monitoring upgradient and downgradient groundwater quality and groundwater elevations. Wells should be designated for the treatment zone, transition area within treatment zone and compliance wells at the treatment zone downgradient boundary.
- xii) Contingency Plan – Plan for corrective actions if violations are found at the points of compliance.

I List of Interested Parties

J Draft Fact Sheet