

- Coranco Great Plains, Inc. (CGP) will be liable for all work necessary to complete this project under direction of the Nebraska Department of Environment and Energy (NDEE).
- This NDEE site is titled – **FM Filling Station** - Which first encountered petroleum contamination on Wednesday October 4<sup>th</sup>, 2023, when NDEE was notified of petroleum vapors present in the subject property basement during sub-slab construction activities.
- Subsequent investigations have identified petroleum contamination that exceeds levels for “**Intrusion of Vapors from Contaminated Soils**” to commercial buildings.
- The “brief summary” included with the aerial photo figure(Proposed System Location):
  - The system enclosure will be a H&H Brand 5x8' Cargo Trailer owned by the NDEE which will be utilized to house the remediation system equipment for Soil Vapor Extraction (SVE). Proposed trailer placement is in single parking stall located next to the light pole on southwest corner of 3rd and Church Streets.

The SVE remediation system will utilize vacuum applied to two remediation wells to extract petroleum vapors from the contaminated soil around the former filling station (currently Albion Dental Clinic). Wells will be connected to the trailer and system with PVC piping underground.

SVE physically removes petroleum contamination through volatilization by creating airflow in the soil. A typical SVE system can operate for 12-36 months prior to reaching cleanup goals established by NDEE.

- “Pilot Testing” for the SVE technology was performed January 29<sup>th</sup> and 30<sup>th</sup>, 2025, and successfully induced vacuum across the site while extraction petroleum from the remediation wells.
- Placing the remediation system at this location will minimize the amount of underground trenching we would need to connect the remediation wells to the system. This would also minimize the concrete restoration.
- Fencing is commonly placed around remedial enclosures (trailers) such as this proposed system, however CGP can furnish other “aesthetically pleasing” alternatives if necessary to comply with City of Albion code requirements.
- At minimum The system will be visited by once a month during operation, and for maintenance as needed.
- Air Quality (system vapor emissions) will be monitored as part of normal system operation. System monitoring will indicate how effective cleanup goals are being reached.
- Once the site cleanup goals have been achieved (stable reduction in petroleum vapors in the soil), the site will be closed and restored to the original condition.

If you have any questions, please feel free to contact me.

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