

PROPOSED LEAKING UST (LUST) CASE CLEAN UP

The Arizona Department of Environmental Quality (ADEQ) is providing notice in accordance with Arizona Administrative Code R18-12-264.01, that a *Corrective Action Plan (CAP)* dated August 16, 2022 has been submitted to ADEQ. The CAP contains a proposal to clean up petroleum contamination from an underground storage tank system at the following facility:

LUST Case File # 5764.01

Facility ID # 0-005840
Maricopa County

**Former Shell #42/Pilot Travel Center
#1180
41112 West Indian School Road
Phoenix, AZ 85354**

The proposed activities include the following cleanup technologies that will be used to obtain the cleanup levels that are protective of public health, welfare and the environment:

Soil Vapor Extraction (SVE)

SVE is the remedial alternative proposed to address residual contaminants in the soil and potential vapor emanating from the groundwater surface.

Remediation of contaminated soil will be conducted using an existing SVE system. An SVE system reduces soil contamination by extracting vapor from the pore space in the soil. The recovered vapor will be treated at the surface such that emissions do not exceed specified concentrations in any air quality permit issued by the county, city or state.

In-Situ Chemical Oxidation (ISCO)

ISCO is the remedial alternative proposed to address residual contaminants in the groundwater.

Mitigation of contaminated groundwater will be treated using ISCO by subsurface application of a hydrogen peroxide solution directly into the formation. This approach assists in breaking down petroleum related chemicals of concern (COCs) through abiotic chemical reactions into harmless products. ISCO technology provides an additional remedial benefit by adding dissolved oxygen to the groundwater, allowing for further reduction of contaminants by naturally occurring biological processes.

How to Review the Submitted Document and LUST Case File

The document titled *Corrective Action Plan* and the remainder of the LUST case file are available for review at the ADEQ Records Center, located at 1110 West Washington Street, Suite 140, Phoenix, Arizona 85007. To review the file, you may call the Records Center at (602) 771-4380 or visit their website at <http://www.azdeq.gov/function/assistance/records.html>.

How to Submit Comments

Comments regarding the submitted document or LUST case closure for this site should be submitted in writing to the Arizona Department of Environmental Quality, Waste Programs Division, Attention: Garrett Tabor, 1110 W. Washington Street, Phoenix, AZ 85007. Comments sent to ADEQ during **September 21, 2022 through October 21, 2022** will be considered in ADEQ's evaluation for *Corrective Action Plan* approval.

Additional Information

If sufficient public interest is demonstrated during the public comment period, ADEQ may hold a public meeting in accordance with A.A.C. R18-12-264.01(C). If a public meeting is to be held, ADEQ will schedule and notify the public in accordance with A.A.C. R18-12-264.01(A) of the meeting time and location.

Copies of the cited statutes and rules can be found at:

<http://www.azleg.gov/ArizonaRevisedStatutes.asp?Title=49>, and
http://www.azsos.gov/public_services/Title_18/18-12.htm

If you have questions regarding this notice, please contact Garrett Tabor at (602) 771-4269 or tabor.garrett@azdeq.gov.

ADEQ will take reasonable measures to provide access to department services to individuals with limited ability to speak, write or understand English and/or to those with disabilities. Requests for language translation, ASL interpretation, CART captioning services or disability accommodations must be made at least 48 hours in advance by contacting the Title VI Nondiscrimination Coordinator, Leonard Drago, at 602-771-2288 or Drago.Leonard@azdeq.gov. For a TTY or other device, Telecommunications Relay Services are available by calling 711.

ADEQ tomará las medidas razonables para proveer acceso a los servicios del departamento a personas con capacidad limitada para hablar, escribir o entender inglés y/o para personas con discapacidades. Las solicitudes de servicios de traducción de idiomas, interpretación ASL (lengua de signos americano), subtítulo de CART, o adaptaciones por discapacidad deben realizarse con al menos 48 horas de anticipación comunicándose con el Coordinador de Anti-Discriminación del Título VI al 602-771-2288 o Drago.Leonard@azdeq.gov. Para un TTY u otro dispositivo, los servicios de retransmisión de telecomunicaciones están disponible llamando al 711.