

4. Whenever institutional or engineering controls are placed at the site:

a. A demonstration that any engineering control or combination of engineering controls has been constructed, is functioning, and will be maintained.

b. A description of the proposed land use for the site and a demonstration that the use will not compromise the integrity of the engineering controls and will be in accordance with any institutional controls.

5. If post remediation monitoring is proposed, a description of the type of monitoring, monitoring locations, contaminants to be monitored, monitoring frequency and sampling procedures.

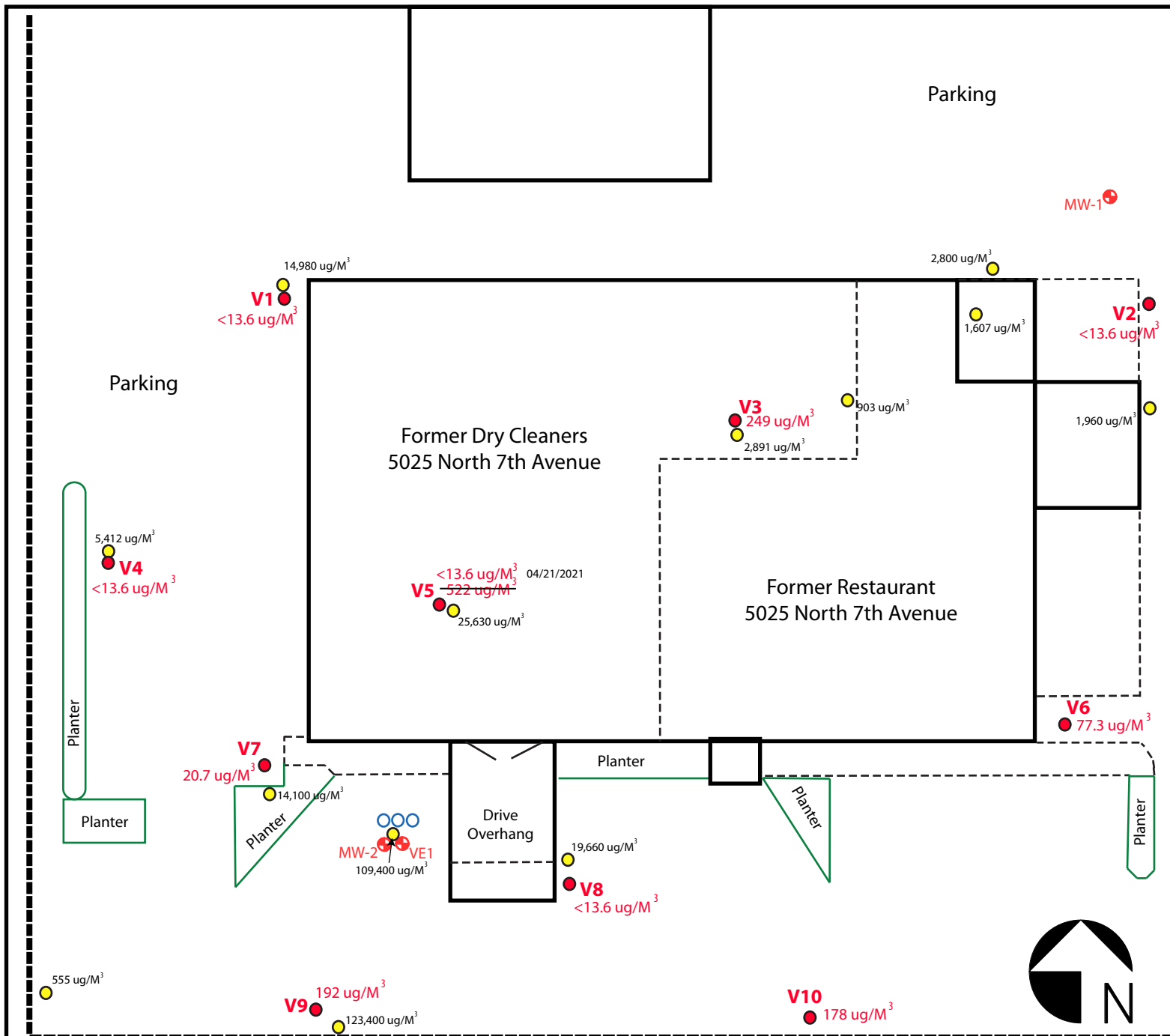
6. A description of community involvement activities undertaken to meet the requirements of A.R.S. § 49-176.

7. A list of permits under this title obtained for the remedial action or held by the Volunteer pertaining to the Site.

Please attach the following to this report:

- A map of scaled, clearly defined, and labeled NFA/CNFA boundary/ies.
- A draft NFA/CNFA public notice.
- A list of stakeholders who have been identified to receive direct notice of the NFA/CNFA public comment period, if necessary.

Use the following space to provide additional information:



EXPLANATION



Well Location



Oil Water Separator



Approximate Property Boundary



555 ug/M³

Previous Soil Vapor Sample Point (06/22/2016)
PCE Concentration in micrograms/cubic Meter



<13.6 ug/M³

Soil Vapor Sample Point (09/24/2020)
PCE Concentration in micrograms/cubic Meter

APPROXIMATE SCALE



ER Systems, LLC.

P.O. BOX 3674
CAREFREE, AZ 85377-3674
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SITE PLAN LATERAL SOIL VAPOR DELINEATION

Commercial Facility
5025 North 7th Avenue
Phoenix, AZ 85013

Date:
08/27/21

Prepared By:
E. KNOEBL

Reviewed By:
E. KNOEBL

Project No:

Figure:

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Table 1:
Volatile Organic Compounds (VOCs) in Soil Vapor Summary
Lateral Soil Delineation
Commercial Property
5025 N 7th Avenue Phoenix, AZ

Sample ID	Sample Date	EPA Method TO-15 (µg/M ³)					
		Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2,DCE)	trans-1,2-Dichloroethene (trans-1,2 DCE)	Vinyl Chloride	1,1-Dichloroethene (1,1-DCE)
V1	09/24/20	<13.6	6.44	<3.96	<3.96	<2.56	<3.97
V2	09/24/20	<13.6	6.55	<3.96	<3.96	<2.56	<3.97
V3	09/24/20	249	<5.37	<3.96	<3.96	<2.56	<3.97
V4	09/24/20	<13.6	<5.37	<3.96	<3.96	<2.56	<3.97
V5	04/21/21	<13.6	<5.37	<3.96	<3.96	<2.56	<3.97
V6	09/24/20	77.3	<5.37	<3.96	<3.96	<2.56	<3.97
V7	09/24/20	20.7	<5.37	<3.96	<3.96	<2.56	<3.97
V8	09/24/20	<13.6	<5.37	<3.96	<3.96	<2.56	<3.97
V9	09/24/20	192	<5.37	<3.96	<3.96	<2.56	<3.97
V10	09/24/20	178	<5.37	<3.96	<3.96	<2.56	<3.97
*EPA VISL Target Sub-Slab and Near-Source Soil Gas Concentration (TCR=1E-06 or THQ=1) Csg,Target (µg/M ³)		360	16	NE	NE	5.60	7,000

Notes:

µg/M³ = micrograms per cubic meter (1000 µg/L = 1 µg/M³)

VOC = Volatile Organic Compounds

EPA - Environmental Protection Agency

*EPA VISL = EPA Residential Vapor Intrusion Screening Levels (VISL) May 2018

Bold= Concentration above Sub-Slab and Exterior Sol Gas Concentration

NA = Not Applicable

NE = Not Established



EXPLANATION

- No Further Action (NFA) Boundary
- OOO Oil Water Separator Location
- MW-1 Groundwater Monitoring Well Location



Aerial Image from Maricopa County Assessor Maps Page 2013 Image

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NO FURTHER ACTION (NFA) BOUNDARY MAP

Commercial Property
 5025 North 7th Avenue
 Phoenix, AZ 85013

Date: 07/19/22

Prepared By:
 E. KNOEHL

Reviewed By:
 E. KNOEHL

Project No:

Figure:
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