

June 23, 2020

Nichole Osuch  
Voluntary Remediation Program  
Arizona Department of Environmental Quality  
110 West Washington Street  
Phoenix, AZ 85007

**RE: Confirmation Sampling Results**  
Pro Petroleum West Phoenix Terminal  
408 S. 43<sup>rd</sup> Avenue  
Phoenix, AZ 85009  
Site Code: 509664-00

Dear Ms. Osuch:

On behalf of Pro Petroleum, Inc. (Pro Petroleum), EnCore Consulting, LLC (ENCORE) has prepared this Confirmation Sampling Results report as part of the process to pursue a No Further Action request for the above-referenced Voluntary Remediation Program (VRP) facility located at 408 South 43<sup>rd</sup> Avenue in Phoenix Arizona (Figure 1, Attachment A). A summary of site remediation activities and site status are presented below for your review.

- **Description of the specific contaminants for which an NFA determination is being sought:** The contaminants of concern (COCs) associated with the above-referenced VRP site are summarized in the table below.

SOIL COCs	GROUNDWATER COCs
benzene	benzene
toluene	toluene
ethylbenzene	ethylene dibromide
total xylenes	
1,2,4-trimethylbenzene	
1,3,5-trimethylbenzene	

- **Description of the actions taken to achieve remediation levels or controls:**  
 A combination of soil vapor extraction, soil bioventing and groundwater air sparging applications were conducted at the site to remediate soil and groundwater COCs to concentrations less than the Arizona Department of Environmental Quality (ADEQ) Residential Soil Remediation Levels (rSRLs), groundwater protection levels (GPLs), if applicable, and Aquifer Water Quality Standards (AWQS), respectively. A more detailed description of these activities are included in the EnCore Consulting LLC November 9, 2016 Remedial Progress Report submitted to the ADEQ VRP on November 10, 2016.
- **Description of any soil, water, or soil and water treatment systems used as part of the remediation:** There were no on-site soil or water treatment systems used in conjunction with the remediation technologies identified above. Vapors extracted from the subsurface were treated with a thermal oxidizer and a catalytic oxidizer.
- **Institutional or engineering controls placed on the site:** There are no institutional or engineering controls on the site or related to the VRP site and request for NFA.
- **Post-remediation monitoring:** Post-remediation monitoring for groundwater was conducted over the course of seven sampling events between September 2015 and May 2018. All post-remedial groundwater sampling events indicated dissolved COC concentrations less than the ADEQ AWQS and/or Environmental Protection Agency Maximum Contaminant Level (MCL). Post-remedial soil confirmation sampling was conducted in December 2017 and December 2018. Laboratory analytical data indicated all COCs are below the ADEQ rSRLs and GPLs, if applicable. A site plan is included as an Attachment.
- **Confirmation Boring Soil Results:** Two soil sampling events involved drilling soil
- **Description of community involvement activities:** Public notice was given prior to the beginning of remediation activities. A public notice of the Request for No Further Action will be published in a Phoenix, Arizona area newspaper for general circulation.
- **List of permits obtained for the remedial action or held by the applicant pertaining to the site:** The soil vapor extraction equipment was permitted under the ADEQ Air Quality General Permit for Soil Vapor Extraction. In addition, well permits were obtained from the Arizona Department of Water Resources (ADWR) for groundwater monitor wells and soil borings drilled greater than

100 feet below ground surface. All permits associated with the remedial actions pertaining to the site are listed below.

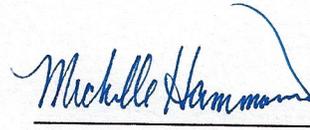
- ADEQ Air Permit Coverage Number 54865; Place ID 138766
- ADWR NOI 55-908501 (MW-1)
- ADWR NOI 55-909167 (MW-2)
- ADWR NOI 55-909172 (MW-3)
- ADWR NOI 55-909293 (MW-3)
- ADWR NOI 55-917615 (air sparge well AS-1)
- ADWR NOI 55-921176 (soil boring CB-4)

If you have any questions regarding this submittal, please contact me at (480) 258-1778.

Sincerely,



Lynn Niewiadomski  
Principle Scientist



Michelle Hammond, P.E.  
Principal Engineer



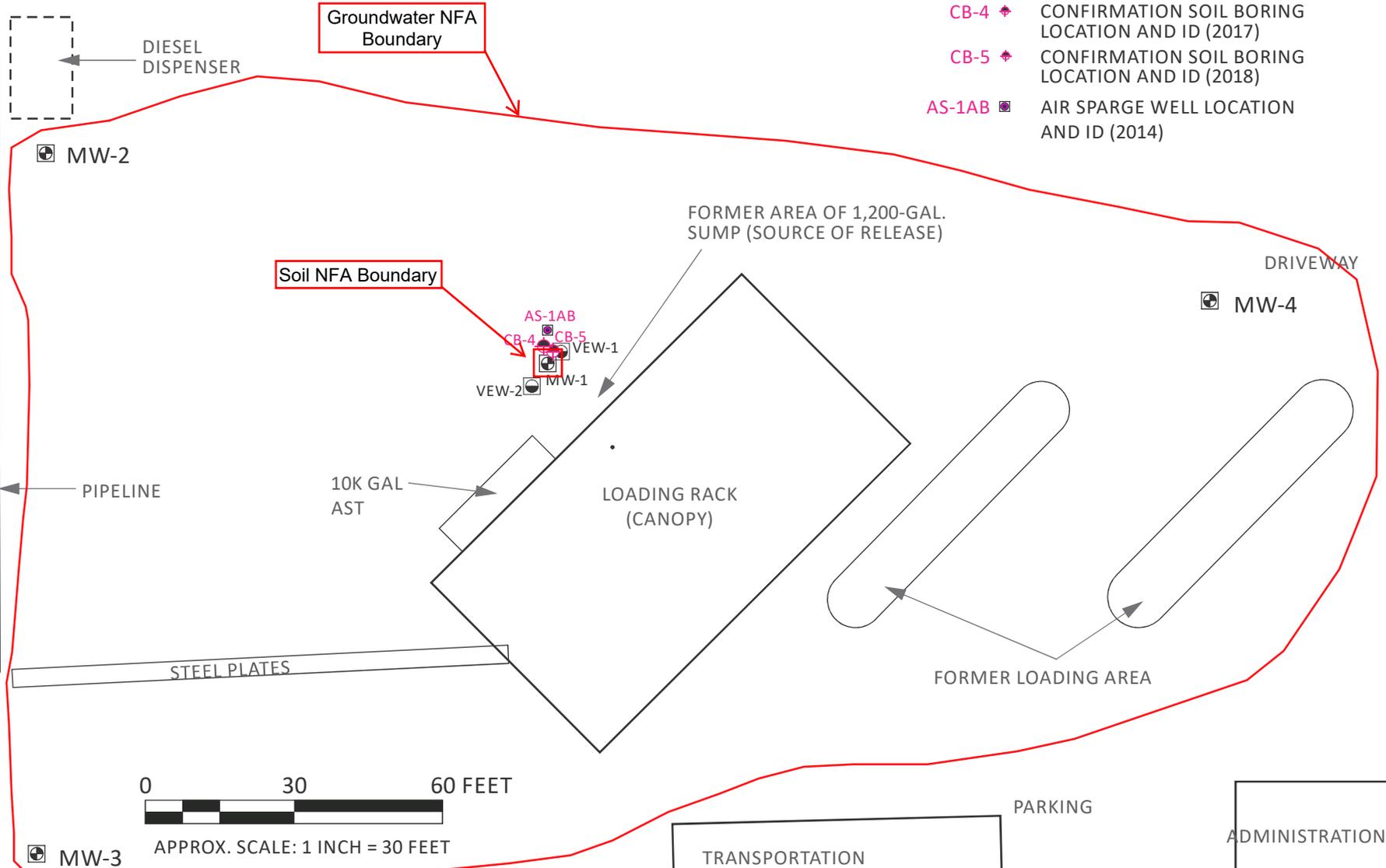
Exp 9/30/2020

**ATTACHMENT  
SITE PLAN**



### LEGEND

- MW-1  GROUNDWATER MONITORING WELL LOCATION AND ID
- VEW-1  VAPOR EXTRACTION WELL LOCATION AND ID
- CB-4  CONFIRMATION SOIL BORING LOCATION AND ID (2017)
- CB-5  CONFIRMATION SOIL BORING LOCATION AND ID (2018)
- AS-1AB  AIR SPARGE WELL LOCATION AND ID (2014)



Map based on aerial image from the Maricopa County Assessor GIS map at [www.maps.mcassessor.maricopa.gov/maps/default.aspx](http://www.maps.mcassessor.maricopa.gov/maps/default.aspx)

**EnCore Consulting**  
Environmental Compliance and Remediation  
605 W. KNOX RD., STE. 110  
TEMPE, ARIZONA 85284  
480.258.1778

File: ...PWPT\Wells and Borings  
Map.cdr  
Drawing Date: 02/15/2019  
Prepared By: SLW  
Reviewed By: LN

**Pro Petroleum**  
**West Phoenix Terminal**  
408 South 43rd Avenue  
Phoenix, Arizona

**SITE PLAN**

**FIGURE**  
**2**