

OKLAHOMA DEPARTMENT OF TRANSPORTATION CONSULTANT REPORT REVIEW – HAZARDOUS WASTE

Reviewed By: David Edwards **County:** Tulsa
Review Date: 04/17/2020 **Project No.:** NHPPI-4400-(025)EC & NHPPI-4400-(077)PM
Consultant: Garver/Terracon **J/P Number:** 32728(04) & 33788(04)

1. PROJECT DESCRIPTION: JP#32728(04) I-44 FROM I-244 INTERCHANGE, E TO ARKANSAS RIVER; JP#33788(04) WORK PACKAGE 1-I-44/US-75 INTERCHANGE RECONSTRUCTION FROM UNION AVE TO THE ARKANSAS RIVER (WP 1) INFRA GRANT

2. LEVEL OF INVESTIGATION: Assessment Sampling

3. SUMMARY OF INVESTIGATION

- A. Relative risk of contamination in study footprint: Low Moderate High
B. Potential for contamination, if present, to affect project: Low Moderate High
C. Did Consultant recommend additional work? No Yes (describe below):

The ISA recommended additional investigations at the moderate risk sites that were identified adjacent to the project.

4. RECOMMENDATIONS*:

- Approval to Proceed (No Further Action)
 Approval to Proceed, Pending:
 Avoidance of described site(s)
 Plan Notes regarding described site(s) (See Section 5)
 Additional investigation by ODOT
 Approval NOT Recommended

* - If different from Consultant, explain in Section 6 General Comments

5. PLAN NOTES: Plan notes are not needed for Work Package 1.

6. GENERAL COMMENTS:

ATTACH EXCERPTS FROM REPORT, AS APPROPRIATE.*

JP#32728(04): The ISA identified the following UST sites as being a moderate risk to the project. No high risk sites were identified. ODOT has reviewed the RECs identified along with 90% FFP available to assess the relative risk of these sites to the project.

- **The former Citgo Service Station facility, located within the corridor at 5102 S.**

*The full document is on file with ODOT's Environmental Programs Division. Please contact David Edwards at (405) 521-2673 or daedwards@odot.org for more information.

Union Ave, had a confirmed release in 2006 and was closed as an ORBCA Tier IA facility in 2008. This facility is mapped as item 27 on Figure 2.

This facility has been studied and addressed under JP#29694(04) Union Avenue with a Subsurface Investigation Report submitted by Enviro-Clean Cardinal over I-44 with subsurface soil sampling showing levels of TPH/GRO and TPH/DRO detected at levels of 5 and 11 mg/L, respectively. This site is considered to be adequately addressed under JP#29694(04).

- **The Total #4664 facility, also identified as NU Gas Service Station, is located at 4101 S. Union Ave, 400 feet up-gradient from the corridor. The facility contained 3 USTs on-site, with a confirmed release reported in 1998 that required a Corrective Action Plan to be submitted to the OCC. This facility is mapped as item 46 on Figure 2.**

The OCC LUST Case No. for this facility is 064-2172. An ORBCA T1 Report was submitted to the OCC in 1999 which showed that groundwater is approximately 13 feet below ground surface and groundwater flow is to the southeast, away from the ODOT project. A final OCC Closure Report was submitted in 2000 based on the risk analysis. This site is not considered to be a significant risk to JP#33788(04) Work Package 1 due to its proximity to the study area.

- **The One Stop facility, also identified as Cumbley Skelly Service Station (EDR Historical Auto), is located at 4029 S. Union Avenue and is adjacent up gradient to the site. The One Stop facility contained five historic USTs that were installed in 1996 and removed in 2018. Elevated TPH and Benzene concentrations were identified in soil and groundwater. This facility is mapped as item 47 on Figure 2.**

The USTs were removed in 2018 and based on a groundwater sample from an SOR investigation monitoring well (MW-1) with a benzene concentration of 0.02 mg/l, a Suspicion of Release SOR-4317 was opened on this facility. The OCC approved an SOR closure on this facility based on the tight clay soils and the general lack of groundwater supply wells in the vicinity of the site. This site is not considered to be a significant risk to the JP#33788(04) Work Package 1 due to its proximity to the study area.

- **Star DX Service Station and Knight Bert P Filling Station were identified as EDR Historical Auto facilities at 5047 33rd W. Avenue, adjacent and up-gradient to the site. No records of USTs were registered with the historic facilities. This facility is mapped as item 25 on Figure 2.**

A search of the OCC PST records showed a UST registered to a facility located at 51st Street and 33rd West Avenue with an OCC Facility No. 7212992. There is no record of soil sampling or any release cases being opened at this location. According to the 90% FFP, the majority of ground disturbance will consist of the addition of drainage in the ODOT ROW for this project. This site is not considered to be a significant risk to the JP#33788(04) Work Package 1 due to its proximity to the study area.

The Alvin Dundee facility (also identified as Jones Exxon Service), was located at 5048 33rd West Avenue. This facility is listed as having had three gasoline USTs that were registered as permanently out of use in 1986. There was no information regarding the removal of the USTs. This facility is mapped as item 55 on Figure 2.

This facility is not considered to pose a risk for JP#33788(04) Work Package 1 due to its proximity to the study area. This facility will need to be considered for the portion of the project that is in close proximity to this facility and has not been identified as a Work Package but as "By Others" at the intersection of 33rd West Avenue and Skelly Drive.

Summary for JP#33788(04) Work Package 1: The facilities identified as RECs in the ISA and are in proximity to the Work Package 1 Study Area do not appear to pose a significant risk and are located outside the area of the Final Field Plans for Work Package 1.

No further action is recommended for this study area. If the scope of work changes or additional ROW is needed, additional investigation by ODOT will be necessary.