

LEAKING UNDERGROUND STORAGE TANKS (LUST) PROJECTS

Funded By The

AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

1. Former “Godsey’s Exxon”, 900 W. Keiser Ave., Osceola –

A gasoline release was reported at this retail fueling facility in June 1992. The release resulted in extensive soil contamination and vapor intrusion into an adjacent shopping center. The underground storage tank owner conducted an assessment and remediation of the identified contamination over a period of several years, but was financially unable to complete the cleanup. The responsible tank owner filed for bankruptcy in 2001, and ADEQ took over remediation of the site under state-lead contract. When ARRA funds became available in 2009, this project was the first to be scheduled for work. Approximately 3,600 cubic yards of petroleum contaminated soils have been removed and disposed of, and long-term remediation systems have been installed. The site is currently under state contract for operation and maintenance of the remediation systems. Total ARRA expenditures as of March 2011: \$811,701.25.

2. Former “Bobby’s BP”, 215 East Ninth St., Rector –

Gasoline and diesel contaminated soil and groundwater was discovered at this former petroleum retail and bulk storage facility in January 2006 following closure of the underground storage tank system. The responsible storage tank owner had abandoned the site some years earlier prior to filing bankruptcy. The potential threat to human health and the environment could not be determined until a site assessment was conducted to establish the level and extent of contamination. Utilizing ARRA funding, ADEQ’s state-lead contractor performed the site assessment work and submitted the final report to ADEQ in December 2010. The report is currently under review by Regulated Storage Tanks (RST) Division staff. Total obligated costs as of March 2011: \$81,194.60.

3. Former “Fuel Stop”, 301 Balearic Road, Hot Springs Village –

Petroleum product was discovered in a groundwater monitoring well at this facility in March 2000 by an RST Division inspector during a routine compliance inspection. The responsible tank owner was required to conduct a site assessment and perform free product recovery. Only a limited amount of the necessary site work was completed by the tank owner before he refused to proceed with the required environmental investigation and cleanup. ADEQ took over environmental activities at the site under state-lead in 2009. A site assessment and an exposure

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assessment have been performed using ARRA funds, and corrective action, in the form of free product recovery, is currently underway. Total ARRA expenditures as of March 2011: \$53,877.00.

4. Former “Carney’s 412 Auto/Truck Stop”, 3860 Hwy. 412 East, Siloam Springs –

A gasoline release was discovered at this former retail fueling facility in March 2004 during construction work on an adjacent sewer line. The responsible tank owner proceeded with permanent closure of the UST system, including excavation and disposal of 144 tons of petroleum-contaminated soils. However, prior to performing the required assessment work, the responsible tank owner declared that he was financially unable to proceed, and ADEQ took over environmental activities at the site under state-lead in 2010. A site assessment workplan was received from the department’s state-lead contractor in November 2010 and approved in December 2010. Once the site assessment is completed, the results will be reviewed by RST Division staff to determine what further steps, if any, will be necessary. Total ARRA expenditures as of March 2011: \$39,805.00.

5. Former “White Oak Station #20”, 805 South Walton Blvd., Bentonville –

A gasoline release was discovered at the former retail fueling facility in September 2002 during a voluntary underground storage tank system removal. Both petroleum-contaminated soils and groundwater were encountered. Approximately 9,360 gallons of water and free product were removed from the tank pit and disposed of over the course of the tank closure. Over the next several years, repeated efforts were made by ADEQ to obtain compliance with the site assessment requirements from the responsible tank owner. A final demand letter was issued in April 2010 by ADEQ to which the tank owner refused to respond. After this refusal to proceed, ADEQ established the site as a state-lead case. The department’s state-lead environmental contractor will be tasked with conducting the necessary site assessment to determine the level and extent of contamination and the need for cleanup, if any. Total ARRA expenditures as of March 2011: \$4,800.

6. Former “Ozark Truck Plaza”, 206 Hwy. 71 North, Alma –

In February 2001, a diesel release was reported to ADEQ during closure of the underground storage tank system at this truck stop. The free product was removed and disposed of, and the petroleum-contaminated soils were staged on site. A site assessment was required of the responsible tank owner; however, he filed bankruptcy and the site assessment was never performed. The site was established as a state-lead case in 2007, but a lack of state and federal funds caused the site to be placed in a holding pattern until ARRA funds became available. Utilizing those funds, ADEQ’s environmental contractor has been approved to conduct a site assessment to determine the level and extent of contamination both onsite and in the waste soil pile. Additional site activities will be based on the results of that assessment. Total expenditures as of March 2011: \$5,922.

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7. Former Roadrunner #60, 357 North College, Fayetteville. –

LUST Case #72-0009 originated in 1990 after episodes of gasoline product intrusion into basements of residences on Highland Avenue in Fayetteville. The source of the gasoline was determined to be the former Road Runner #60. A corrective action program (primarily involving application of “pump-and-treat” technology) was implemented in 1992. The case was closed in 1998, after the impacted residences had been demolished and groundwater quality goals appeared to have been met. In September 2006, free product was reported in the basement of a nearby church, down gradient from the former Road Runner #60 LUST site and the former impacted residences. In January 2007, product was also encountered in a utility excavation located on Highland Avenue. It was evident that the fuel remaining in the neighborhood was left behind at the conclusion of remedial efforts associated with LUST Case #72-0009 ten years earlier. The case was therefore reopened in February 2007, and additional assessment and free product recovery was conducted. An additional round of assessment activity will be required in order to ensure full delineation of free product and groundwater contamination within a complex karst bedrock environment. Corrective action is now being directly managed by RST as a “state-lead” LUST case. A plan for the additional assessment work is currently under review by RST. As of March 31, 2011, \$144,667.00 has been obligated.

8. Former TPI #4038, 2315 East Broad St., Texarkana –

In October, 2000, a release was reported to ADEQ. Cleanup was initiated in August, 2002. Site assessment was completed in October, 2007. A Corrective Action Plan was approved by the RST Division on 02/13/2008. Public notification was published on 02/23/2008. Approved remediation activities consisted of the excavation and disposal of 4507 tons of contaminated soil and 55,200 gallons of contaminated water. Implementation of the corrective action was reported on 05/30/2008. Remediation goals have been established in groundwater for the protection of a surface water body. Goal attainment will be demonstrated through quarterly groundwater sampling and laboratory analyses. Remediation goals were not achieved during the first three quarters of monitoring. State-lead action was authorized on 12/29/2010.

On 04/04/2011, the RST Division authorized its contractor to conduct five quarters of groundwater monitoring to verify attainment of corrective action goals. The first two monitoring events will be funded through the ARRA at an estimated total cost of \$14,276. As of March 31, 2011, \$2,830.00 has been obligated.