

**IOWA UNDERGROUND STORAGE TANK PROGRAM
SECOND BOARD REPORT
JULY 15, 2016
CASS COUNTY SHOP
100 N. CHESTNUT STREET
ATLANTIC
SITE REGISTRATION NUMBER: 8604445
LUST NUMBER: 8LTH36**

RISK CLASSIFICATION:

HIGH

LOW

NAR-FP

X

PRESENT CLAIM RESERVE:

\$ 400,000.00

PREVIOUS BOARD APPROVAL:

\$ 260,000.00

Number and Date of each previous Board Report: 1st: July 11, 2003

PREVIOUS COSTS INCURRED:

\$ 61,075.25

COSTS INCURRED SINCE LAST BOARD APPROVAL:

1. Site monitoring	37,034.40
2. Free product recovery	95,304.15
3. Over-excavation	52,434.04
4. Corrective action teleconference	1,000.00

TOTAL COSTS INCURRED TO DATE:

\$ 247,847.84

PROJECTED COSTS:

❖ Free product recovery

❖ Completion of off-site excavation

TOTAL PROJECTED COSTS:

\$ 150,000.00 to 200,000.00+

ADDITIONAL AUTHORITY RECOMMENDED:

\$ 190,000.00

TOTAL AUTHORITY:*

\$ 450,000.00

COMMENTS:

The site is classified as no action required with free product (NAR-FP). The current location of the free product plume is off-site in the downgradient direction. The off-site property is also owned by Cass County. The consultant is proposing an excavation to speed up the process of recovering free product to the maximum extent practicable. Affected population likely less than 20.

*Previous approval + additional recommended

Approved

Site Timeline

- 1990 - Contamination discovered during the removal of a gasoline UST in May of 1990. The DNR was notified and a claim was filed.
- 1993 - A diesel UST was removed in January of 1993.
- 1995 - The last UST, which stored used oil, was removed in May of 1995.
- 1995 - SCR is submitted. DNR issues a 'not accepted' letter.
- 2000 - RBCA Tier 2 is submitted and accepted as high risk. CADR due in 120 days.
- 2002 - An on-site excavation was completed in September.
- 2005 - The first corrective action teleconference is held on April 18th to discuss was to move the site towards closure.
- 2005 - Free product is discovered off-site (on property that was purchased by the county in the '80's) and monthly hand-bailing begins.
- 2005 - Site is reclassified to low risk on November 22, 2005.
- 2013 - An LIF (laser induced fluorescence) investigation is completed to better define the area of recoverable free product.
- 2013 - The site is reclassified to no action required with free product (NAR-FP) by documenting the city well ordinance.
- 2016 - An excavation of the off-site free product plume area is proposed.

Site Timeline

- 1988 - All USTs are removed from the site.
- 1989 - Contamination from the tank removal is reported to the DNR.
- 1992 - A remedial claim is filed by Car Care Corner. Additional information required to confirm eligibility is not received and no work is completed.
- 1996 - Hardin County takes the property on back-taxes and the claim becomes eligible at 100%.
- 1999 - RBCA Tier 2 submitted and accepted as high risk. CADR due in 120 days.
- 2001- A CADR recommending an excavation followed by the installation of an SVE system in the backfill is approved.
- 2002 - A large excavation was completed followed by the installation of a very small SVE/AS system in the backfill of the excavation.
- 2008 - First corrective action teleconference is held on August 6, 2008. A new consultant has been hired by the county and will evaluate the SVE/AS system, which has not been operation for some time. The city well will be investigated to see if a Tier 3 evaluation can show that it is unlikely to be impacted, and the remaining contamination in the right-of-way will be better defined.
- 2015 – Second corrective action teleconference is held on November 12, 2015. Only monitoring has been completed since the previous teleconference. The recommendations are still the same and all parties agreed that progress must be made. It is agreed that a second excavation will be completed in the right-of-way after some additional soil borings are installed for better delineation. The county asks that we coordinate the excavation with a street project by the City of Eldora which is planned for 2016.
- 2016 – Better soil plume delineation in the right-of-way has been completed and a ball-park estimate of the excavation costs has been provided. The City of Eldora will begin removing concrete in Washington Street at the end of July. The excavation will be coordinated with the street project.