



# RELEASE INVESTIGATION AND CONFIRMATION

State Form XXXXX(XX-05)  
329 IAC 9-4-3  
Indiana Department of Environmental Management  
Office of Land Quality  
Leaking Underground Storage Tank Section

67-18  
Indiana Department of Environmental Management  
Leaking Underground Storage Tank Section  
100 N. Senate Ave., Room 1101  
Indianapolis, IN 46204-2251

- INSTRUCTIONS:**
1. This template is intended assist with the investigation of a suspected release from an underground storage tank (UST).
  2. Depending on the nature of the project, some of the following sections or appendices may not be applicable. If this is the case do not leave the section blank, or omit or reorder the appendices. Instead enter "Not Applicable" or other explanation to indicate that the section does not apply or that information is not available, and why.
  3. Ensure that text boxes are re-sized (as needed) in order to have all entered text visible.
  4. Extra rows can be added to data entry tables (as needed) by copying the previous row and pasting it into the blank row beneath. Note, do not use the <Insert Row> function as this does not always maintain the original formatting of the table.

**Note:** Unless corrective action is initiated in accordance with 329 IAC 9-5, the owner/operator must immediately investigate and confirm/negate all suspected releases within seven days.

### Site Description

Provide a brief description of the site, including chemicals used on the site, past and present operations or activities that may have contributed to the suspected contamination, etc.

Facility information should be included in **TABLE 1**. Responsible Party (RP) information should be included in **TABLE 1a**. Operator information (if different than RP) should be included in **TABLE 1b**. All UST information (past and present) should be included in **TABLE 2**.

The Circle K #2293 facility has had active USTs containing gasoline since 1975.

#### Table 1. Facility Information

Facility Identification (FID) Number:	202	
LUST Incident Number(s)* Assigned to Site	198904049, 199703528, <b>201501504</b>	
Current Occupant of Site	Circle K #2293	
Site Address:	4841 N. Pennsylvania	
City, State, Zip Code:	Indianapolis, IN 46205	
County:	Marion	
Area Code/Telephone Nu	812-379-9227	ext.
Contact Person:	Store Manager	

\* If more than one LUST incident number exists for the site, the one being addressed in the FSI report should be indicated by **bold** font.

#### Table 1a. Responsible Party (RP) Information

RP Name:	Mac's Convenience Stores, LLC	
Mailing Address:	4080 W. Jonathan Moore Pike	
City, State, Zip Code:	Columbus, IN 47201	
Area Code/Telephone Nu	330-630-6300	ext. 1823
Contact Person:	Alan Cubberley/Environmental Remediation Manager	

**Table 1b. Operator Information** (if different than above)

Operator Name:	(same)		
Mailing Address:			
City, State, Zip Code:			
Area Code/Telephone Number:		ext.	
Contact Person:			

**Table 2. Site UST Information**

Tank#	Installation Date	Capacity	Product	Construction Material	Tank Status	Method of Leak Detection	Date Removed
1	1/1/1975	10000	Gasoline	Fiberglass	A	ATG, TLS-350 W/CSLD	
2	1/1/1975	10000	Gasoline	Fiberglass	A	ATG, TLS-350 W/CSLD	
3	1/1/1975	10000	Gasoline	Fiberglass	A	ATG, TLS-350 W/CSLD	
4							
5							

**Reason for Suspected Release Report**

Indicate the reason a suspected release exists at this site (i.e., failed tank tightness testing, loss of product through inventory control checks, erratic behavior of product dispensing equipment, water present in UST, free product present, vapors present in basements and/or nearby utility lines, etc.) Specific details regarding the suspected release should be provided in **TABLE 3**. Records of most recent tightness test results, inventory records, and UST gauging records for the prior calendar year should be included in **APPENDIX A**.

On 1/8/2015, K&W Fueling was called on site to investigate a line failure in the mid-grade gasoline piping line. The line was pressure tested and did not hold. Tanknology was on site 1/9/2015 to investigate and repair the line. The mid-grade tank was taken temporarily out of service while the issue was being investigated.

**Table 3. Suspected Release Incident Description**

Date Reported to the Department:	1/9/2015
Release Incident Number Assigned by LUST:	201501504
Assigned Priority (i.e., Low, Medium, High):	unknown
List of Suspected Material or Materials Released:	gasoline
Suspected Volume Lost:	unknown
Potential Areas Affected (i.e., backfill soils, native soils, groundwater, surface water, subsurface conduits). Include depth intervals, as appropriate:	backfill, groundwater
Indicate if vapors were present in on-site / off-site structures or accessible utility conduits (i.e., storm sewers):	None
Potential Health and Environmental Risks associated with suspected release incident (i.e., did suspected release occur within a sensitive area?):	None
Description of immediate actions taken to prevent any further release:	tank closed for investigation
Actions taken to investigate the potential of free product release:	

**Steps Taken to Confirm/Negate Release**

In this section, describe any measures taken to either confirm/negate the suspected release. For example this section could include a discussion regarding additional inventory control record checks, tank and/or line tightness test results, soil and/or groundwater sampling results. Any records or data in support of your discussion should be included in **APPENDIX B**.

Tanknology was on site 1/9/2015 and completed a repair. The FE Petro STP had only a swift check installed. The FE petro should have had a precision check valve too. If they were both installed the line will hold operating pressure. If only a swift check is installed air could enter the line causing high resiliency, which would assist in periodic line failures. The issue was fixed and a line tightness test completed. The line tested tight. Therefore, there is no reason to believe a release occurred and an investigation is not warranted at this time. A copy of the line test is attached.

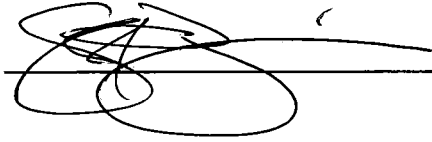
**Signature**

 1/13/15  
\_\_\_\_\_  
(signature and date)

Audrey S Kortz, LPG IN 619, CHMM 2011 \_\_\_\_\_ (printed name with Indiana professional registration indicated)

Please note, per 329 IAC, this document must be signed by either a Registered Professional Engineer, a Licensed Professional Geologist, a Certified Hazardous Materials Manager, or a Professional Soil Scientist. All must be specifically certified in the State of Indiana.

**Additional Signatures (as appropriate or desired)**

 \_\_\_\_\_  
(signature and date)

Steve Browning, Senio Project Manager \_\_\_\_\_ (printed name and date)

\_\_\_\_\_  
(signature and date)

\_\_\_\_\_  
(printed name and date)



# Tanknology

## Testing and Inspection Certificate

Tanknology Inc.

11000 North MoPac Expressway, Suite 500, Austin, TX 78759  
800-800-4633 www.tanknology.com

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Test Date	1/9/2015	Tanknology WO#	MW1-6165427
Test Purpose	EMERGENCY	Customer PO#	

Customer

CIRCLE K  
P.O. BOX 347  
COLUMBUS, IN 47202

Location

CIRCLE K #2293 (12293)  
4841 N. PENNSYLVANIA ST  
INDIANAPOLIS, IN 46205

Attn: TIM WALLACE  
(812) 378-1772

Attn: MANAGER  
(317) 921-9952

Test / Inspection Description	Item Tested	Date Tested	Result
Precision Line Tightness (.1 GPH)	Tank 2 Line 1 PLUS	1/9/2015	Pass

Tanknology Representative:  
Telephone:

Technician: Doug Smith  
Technician Certification: (See forms)



# Product Line Tightness Test

Work Order: 6165427 Date: 1/9/2015  
Site Name/ID: CIRCLE K #2293 / 12293  
Address: 4841 N. PENNSYLVANIA ST  
City: INDIANAPOLIS State: IN Zip: 46205

Tank Information	Tank # 2 Line # 1	Tank # Line #	Tank # Line #	Tank # Line #	Tank # Line #	Tank # Line #
Test Method	TLD-1					
Customer Tank ID	2					
Product Name	PLUS					
Delivery Type	Pressure					
Test Pressure	60					
Test Start Time	13:55					
Test End Time	14:25					
Final Leak Rate	0.00					
Test Result(P/F/I)	Pass					
Test was performed per 3rd party certifications as specified in 40 CFR parts 280 and 281	Yes					

Technician Comments:

Technician Name: Doug Smith Certification #: 89342 exp: 9/26/2015  
Technician Signature:



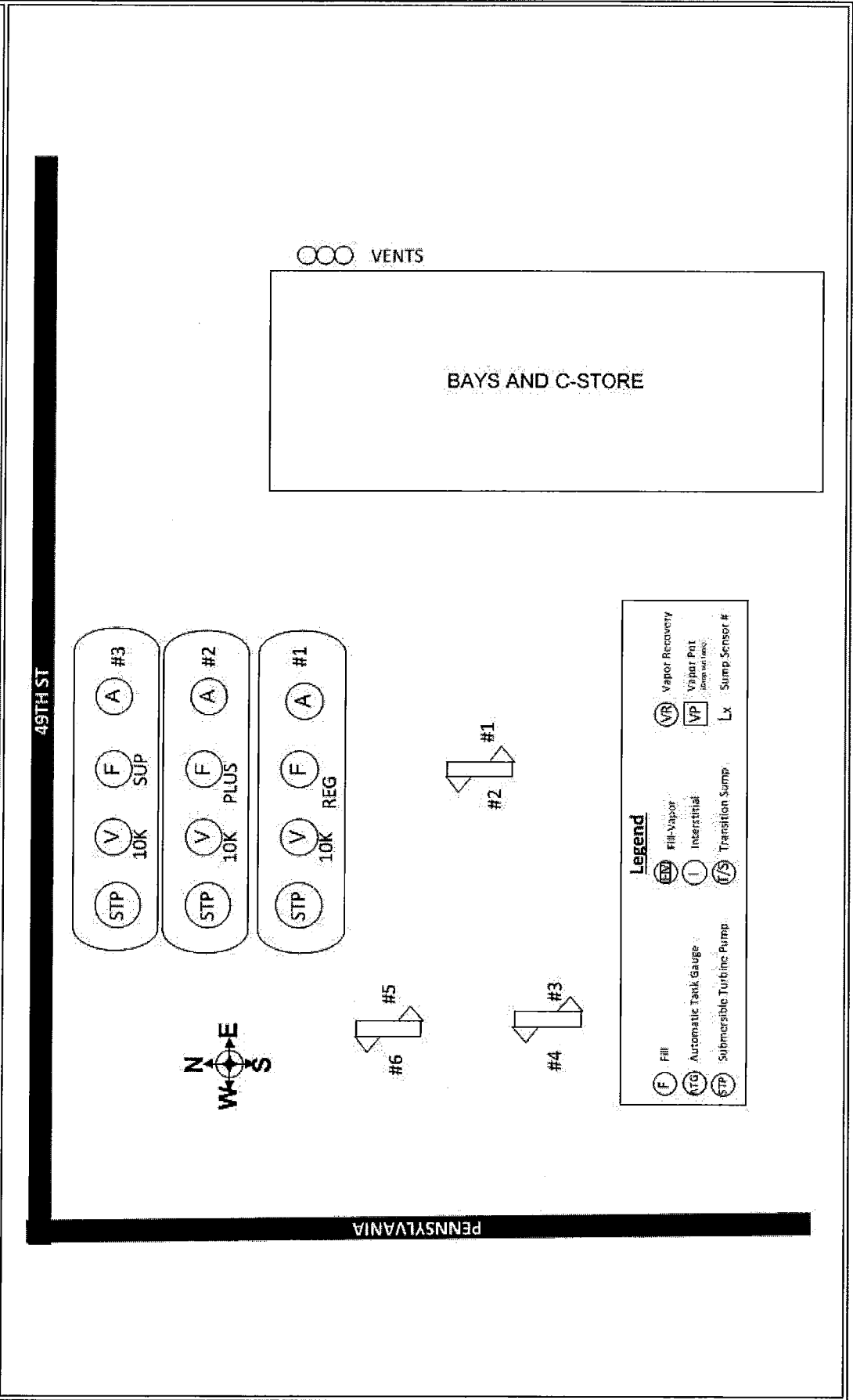
# Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order:  
Site ID / Name:  
Address:  
City:

6165427  
12293 / CIRCLE K #2293  
4841 N. PENNSYLVANIA ST  
INDIANAPOLIS

State: IN Zip: 46205



**Legend**

(F)	Fill	(VR)	Vapor Recovery
(ATG)	Automatic Tank Gauge	(VP)	Vapor Pot
(STP)	Submersible Turbine Pump	(Lx)	Sump Sensor #
(EV)	Fill-Vapor		
(I)	Interstitial		
(T/S)	Transition Sump		

CIRCLE K 2293  
4841 N PENNSYLVANIA  
INDPLS IN 46205  
317-263-7400

JAN 9. 2015 13:38

SYSTEM STATUS REPORT

Q 2:GROSS LINE FAIL  
Q 2:PLD SHUTDOWN ALARM

INVENTORY REPORT

T 1:UNLEADED  
VOLUME = 5984 GALS  
ULLAGE = 3536 GALS  
90% ULLAGE = 2584 GALS  
TC VOLUME = 6107 GALS  
HEIGHT = 55.36 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 30.5 DEG F

T 2:MIDGRADE  
VOLUME = 2392 GALS  
ULLAGE = 7128 GALS  
90% ULLAGE = 6176 GALS  
TC VOLUME = 2426 GALS  
HEIGHT = 28.25 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 39.2 DEG F

T 3:PREMIUM  
VOLUME = 2217 GALS  
ULLAGE = 7303 GALS  
90% ULLAGE = 6351 GALS  
TC VOLUME = 2252 GALS  
HEIGHT = 26.82 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 37.3 DEG F

\*\*\*\*\* END \*\*\*\*\*

CIRCLE K 2293  
4841 N PENNSYLVANIA  
INDPLS IN 46205  
317-263-7400

JAN 9. 2015 15:06

SYSTEM STATUS REPORT

Q 2:GROSS LINE FAIL  
Q 2:PLD SHUTDOWN ALARM

INVENTORY REPORT

T 1:UNLEADED  
VOLUME = 5702 GALS  
ULLAGE = 3816 GALS  
90% ULLAGE = 2886 GALS  
TC VOLUME = 5818 GALS  
HEIGHT = 53.18 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 30.8 DEG F

T 2:MIDGRADE  
VOLUME = 2392 GALS  
ULLAGE = 7128 GALS  
90% ULLAGE = 6176 GALS  
TC VOLUME = 2426 GALS  
HEIGHT = 28.25 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 39.4 DEG F

T 3:PREMIUM  
VOLUME = 2165 GALS  
ULLAGE = 7355 GALS  
90% ULLAGE = 6403 GALS  
TC VOLUME = 2199 GALS  
HEIGHT = 26.39 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 37.6 DEG F

\*\*\*\*\* END \*\*\*\*\*