

JW
RECEIVED

DEC 03 2018



**Free Product Recovery Report
Leaking Underground Storage Tank Site Assessment
for the Iowa Department of Natural Resources**

SITE IDENTIFICATION

LUST No.

8LTG04

UST Registration No.

8603149

Site Name: Atherton Automotive

Site Address: 2900 West Broadway

City: Council Bluffs, Iowa

RESPONSIBLE PARTY IDENTIFICATION

Name: Mr. Matt Atherton

Street: 2900 West Broadway

City: Council Bluffs

State: IA

Zip Code: 51501

Submittal Date:

11-26-18

STATEMENT OF CERTIFICATION

The below named certify that this document and attachments satisfy the LUST Site Free Product Report requirements of 567--Chapter 135(455B) of the Iowa Administrative Code and all other applicable state, federal and local requirements.

Print: Name/Address of Certified Groundwater Professional

Kris LeVier, CGWP # 1654

RDG Geoscience & Engineering, Inc.

10360 Sapp Brothers Drive

Omaha, NE 68138

Signature:

Phone: (402) 894-2678

Date:

11-26-18

I certify that I have reviewed this document and attachments for submittal to the Iowa Department of Natural Resources.

Atherton Automotive by ^{matth} Atherton

Print Name of Responsible Party

Signature - Responsible Party

Official IDNR Use Only

Date Received:

12/03/18

Comment Letter Date:

Reviewer:

Approved:

Y / N

Free Product Recovery Information

Tabulate the free product and groundwater volumes removed from each well. List each extraction event chronologically with the oldest data first. The results for all events must be provided. Give all elevations as feet Above Sea Level (ASL). Ground surface elevation must be reported to the nearest 0.1 foot. Top of casing elevation, static water elevations, and free product thickness must be reported to the nearest 0.01 foot. Volume of free product and groundwater removed must be reported to the nearest 0.1 gallon. A separate sheet should be used for each recovery well.

Well Number: MW-1

Ground Surface Elevation: 981.11

Top of Casing Elevation: 980.51

Date Sampled	Static Groundwater Level (feet ASL)	Free Product Thickness (feet)	Volume of Free Product Removed (gallons)	Volume of Groundwater Removed (gallons)
11-3-16	966.67	1.20	20	2830
11-8-16	966.95	0.59	0.125	0.160
11-23-16	966.90	0.59	10	2810
12-19-16	966.09	0.14	SHEEN	2540
1-11-17	965.97	NONE	NONE	NONE
1-30-17	965.90	NONE	NONE	NONE
2-9-17	965.70	NONE	NONE	NONE
2-20-17	966.14	NONE	NONE	NONE
3-10-17	966.10	NONE	NONE	NONE
3-23-17	966.15	NONE	NONE	NONE
4-7-17	967.65	NONE	NONE	NONE
4-21-17	967.41	NONE	NONE	NONE
5-5-17	967.36	2.12	0.49	0.08
6-2-17	967.18	4.80	1.74	0.42
7-5-17	966.68	4.09	1.53	0.139
8-2-17	966.49	2.26	1.389	0.250
9-8-17	966.54	1.51	0.792	0.278
10-13-17	966.69	3.23	1.458	0.208
11-30-17	966.62	0.74	0.208	0.188
12-14-17	966.54	0.21	0.035	0.083
1-8-18	965.79	NONE	NONE	NONE
2-13-18	965.05	NONE	NONE	NONE
3-8-18	965.34	NONE	NONE	NONE
4-12-18	967.29	0.20	0.042	0.069
5-9-18	966.77	3.02	1.396	0.208
6-4-18	967.05	3.44	1.250	0.125
7-12-18	968.02	5.76	3.382	0.486
8-17-18	969.31	3.03	VAC TRUCK	3,000
9-7-18	973.31	0.55	0.083	0.042
10-24-18	973.47	0.20	0.014	0.069

[illegible]

Free Product Recovery Information

Tabulate the free product and groundwater volumes removed from each well. List each extraction event chronologically with the oldest data first. The results for all events must be provided. Give all elevations as feet Above Sea Level (ASL). Ground surface elevation must be reported to the nearest 0.1 foot. Top of casing elevation, static water elevations, and free product thickness must be reported to the nearest 0.01 foot. Volume of free product and groundwater removed must be reported to the nearest 0.1 gallon. A separate sheet should be used for each recovery well.

Well Number: MW-4

Ground Surface Elevation: 981.69

Top of Casing Elevation: 981.42

Date Sampled	Static Groundwater Level (feet ASL)	Free Product Thickness (feet)	Volume of Free Product Removed (gallons)	Volume of Groundwater Removed (gallons)
11-8-16	967.45	NONE	NONE	NONE
11-23-16	967.41	NONE	NONE	NONE
12-19-16	966.35	NONE	NONE	NONE
1-11-17	967.06	NONE	NONE	NONE
1-30-17	965.96	NONE	NONE	NONE
2-9-17	965.74	NONE	NONE	NONE
2-20-17	967.00	NONE	NONE	NONE
3-10-17	966.15	NONE	NONE	NONE
3-23-17	966.19	NONE	NONE	NONE
4-7-17	967.96	NONE	NONE	NONE
4-21-17	968.60	NONE	NONE	NONE
5-5-17	969.47	NONE	NONE	NONE
6-2-17	970.99	NONE	NONE	NONE
7-5-17	970.14	NONE	NONE	NONE
8-2-17	968.51	NONE	NONE	NONE
9-8-17	967.80	NONE	NONE	NONE
10-13-17	969.33	NONE	NONE	NONE
11-30-17	967.26	NONE	NONE	NONE
12-14-17	966.74	NONE	NONE	NONE
1-8-18	966.05	NONE	NONE	NONE
2-13-18	965.06	NONE	NONE	NONE
3-8-18	965.37	NONE	NONE	NONE
4-12-18	967.87	NONE	NONE	NONE
5-9-18	969.70	0.01	SHEEN	0.007
6-4-18	969.88	0.01	SHEEN	0.021
7-12-18	972.46	0.02	SHEEN	1.500
8-17-18	971.71	NONE	NONE	NONE
9-7-18	973.58	NONE	NONE	NONE
10-24-18	973.66	NONE	NONE	NONE
11-20-18	972.50	NONE	NONE	NONE

Free Product Recovery - Site Totals

Tabulate the total groundwater volume and total free product volume removed from all the recovery wells at the site. Volume of free product and groundwater recovered must be reported to the nearest 0.1 gallon. List the site totals starting with the first month the recovery was initiated. The results for all events must be provided.

Volume of Water Recovered

Month / Year - Gallons	Month / Year - Gallons	Month / Year - Gallons
4 - 2015 - 0.313	6 - 2016 - 2.674	8 - 2017 - 0.250
5 - 2015 - 1.347	7 - 2016 - 2.139	9 - 2017 - 0.278
6 - 2015 - 1.861	8 - 2016 - 1.326	10 - 2017 - 0.208
7 - 2015 - 2.267	9 - 2016 - 5.424	11 - 2017 - 0.188
8 - 2015 - 1.361	10 - 2016 - 0.931	12 - 2017 - 0.083
9 - 2015 - 1.201	11 - 2016 - 5640.16	1 - 2018 - NONE
10 - 2015 - 10.597	12 - 2016 - 2540	2 - 2018 - NONE
11 - 2015 - 2.215	1 - 2017 - NONE	3 - 2018 - NONE
12 - 2015 - 1.667	2 - 2017 - NONE	4 - 2018 - 0.069
1 - 2016 - 1.034	3 - 2017 - NONE	5 - 2018 - 0.215
2 - 2016 - 2.000	4 - 2017 - NONE	6 - 2018 - 0.146
3 - 2016 - 1.458	5 - 2017 - 0.08	7 - 2018 - 1.986
4 - 2016 - 0.924	6 - 2017 - 0.42	8 - 2018 - 3,000 (Vac Truck)
5 - 2016 - 0.896	7 - 2017 - 0.139	9 - 2018 - 0.042

Volume of Free Product Recovered

Month / Year - Gallons	Month / Year - Gallons	Month / Year - Gallons
4 - 2015 - 0.031	6 - 2016 - 4.569	8 - 2017 - 1.389
5 - 2015 - 1.465	7 - 2016 - 3.903	9 - 2017 - 0.792
6 - 2015 - 3.000	8 - 2016 - 2.618	10 - 2017 - 1.458
7 - 2015 - 2.333	9 - 2016 - 2.417	11 - 2017 - 0.208
8 - 2015 - 2.556	10 - 2016 - 2.098	12 - 2017 - 0.035
9 - 2015 - 2.771	11 - 2016 - 30.125	1 - 2018 - NONE
10 - 2015 - 3.701	12 - 2016 - SHEEN	2 - 2018 - NONE
11 - 2015 - 2.927	1 - 2017 - NONE	3 - 2018 - NONE
12 - 2015 - 3.069	2 - 2017 - NONE	4 - 2018 - 0.042
1 - 2016 - 2.728	3 - 2017 - NONE	5 - 2018 - 1.396
2 - 2016 - 3.306	4 - 2017 - NONE	6 - 2018 - 1.250
3 - 2016 - 2.510	5 - 2017 - 0.49	7 - 2018 - 3.382
4 - 2016 - 2.215	6 - 2017 - 1.74	8 - 2018 - Vac Truck Event
5 - 2016 - 3.510	7 - 2017 - 1.53	9 - 2018 - 0.083

Free Product Recovery - Site Totals	
100%	100%

Tabulate the total groundwater volume and total free product volume removed from all the recovery wells at the site. Volume of free product and groundwater recovered must be reported to the nearest 0.1 gallon. List the site totals starting with the first month the recovery was initiated. The results for all events must be provided.

Volume of Water Recovered	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

[illegible]

Volume of Free Product Recovered	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

[illegible]