

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: KANDLER TOOL
Name:
ClientProj: 2015
GTA ProjNo: 103020-5

Site Addr: 5515 KING HIGHWAY

Sampled By: RLQ/NSQ-PEC
Date Rec: 10/30/2020
Time Rec: 12:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-4 (5'-6')	10/28/2020	11:00 AM	SOIL
2	TMW-4 (7'-10')	10/28/2020	11:04 AM	WATER
3	SB-3 (5'-6')	10/28/2020	10:38 AM	SOIL
4	TMW-3 (6'-10')	10/28/2020	10:42 AM	WATER
5	SB-2 (7'-8')	10/28/2020	10:13 AM	SOIL
6	TMW-2 (8'-10')	10/28/2020	10:16 AM	WATER
7	MW-1 (4'-5')	10/28/2020	9:42 AM	SOIL
8	TMW-1 (10'-11')	10/28/2020	9:48 AM	WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 1
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: SB-4 (5'-6')

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/28/2020	11/2/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					
1,2-Dibromoethane	ND	20					
1,2-Dichloroethane	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: WATER

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 2
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 11:04 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: TMW-4 (7'-10')

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/2/2020	EPA 5030B
Toluene	2.5	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					
1,2-Dibromoethane	ND	1.0					
1,2-Dichloroethane	ND	1.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 3
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:38 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: SB-3 (5'-6')

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/28/2020	11/2/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					
1,2-Dibromoethane	ND	20					
1,2-Dichloroethane	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED
LOD = LIMIT OF DETECTION

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: WATER

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 4
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:42 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: TMW-3 (6'-10')

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/2/2020	EPA 5030B
Toluene	1.8	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					
1,2-Dibromoethane	ND	1.0					
1,2-Dichloroethane	ND	1.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 5
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:13 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: SB-2 (7'-8')

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/28/2020	11/2/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					
1,2-Dibromoethane	ND	20					
1,2-Dichloroethane	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: WATER

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 6
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:16 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: TMW-2 (8'-10')

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1	ug/L (PPB)	MR		11/2/2020	EPA 5030B
Toluene	1.5	1					
Ethylbenzene	ND	1					
Xylene(Total)	ND	3					
1,2,4-Trimethylbenzene	ND	1					
1,3,5-Trimethylbenzene	ND	1					
Methyl-t-Butyl Ether	ND	5					
Naphthalene	ND	5					
2-Methylnaphthalene	ND	5					
1,2-Dibromoethane	ND	1					
1,2-Dichloroethane	ND	1					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 7
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 9:42 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: MW-1 (4'-5')

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	10/28/2020	11/2/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	180	50					
1,3,5-Trimethylbenzene	210	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	350	250					
2-Methylnaphthalene	15,000	250					
1,2-Dibromoethane	ND	20					
1,2-Dichloroethane	ND	50					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED
LOD = LIMIT OF DETECTION

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY
MI
SAMPLED BY: RLQ/NSQ-PEC
SAMPLE MATRIX: WATER

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 8
DATE SAMPLED: 10/28/2020
TIME SAMPLED: 9:48 AM
DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM
SAMPLE ID: TMW-1 (10'-11')

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/2/2020	EPA 5030B
Toluene	2.2	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					
1,2-Dibromoethane	ND	1.0					
1,2-Dichloroethane	ND	1.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 1

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 11:00 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: SB-4 (5'-6')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/4/2020	11/5/2020	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 2

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 11:04 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: WATER
SAMPLE ID: TMW-4 (7'-10')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	11/4/2020	11/6/2020	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 3

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:38 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: SB-3 (5'-6')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/4/2020	11/5/2020	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 4

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:42 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: WATER
SAMPLE ID: TMW-3 (6'-10')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	11/4/2020	11/6/2020	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 5

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:13 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: SB-2 (7'-8')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	11/4/2020	11/5/2020	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 6

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 10:16 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: WATER
SAMPLE ID: TMW-2 (8'-10')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	11/4/2020	11/6/2020	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 7

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 9:42 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: MW-1 (4'-5')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	710	330	ug/Kg (PPB)	KC/TR	11/4/2020	11/5/2020	EPA 3550B
Acenaphthylene	680	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	1,900	330					
Indeno(123-cd)pyrene	ND	330					
Phenanthrene	3,300	330					
Pyrene	770	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.

COMPANY: KANDLER TOOL
PROJECT NO: 2015
LOCATION: 5515 KING HIGHWAY

GTA PROJECT NO: 103020-5
GTA SAMPLE NO: 8

DATE SAMPLED: 10/28/2020
TIME SAMPLED: 9:48 AM

SAMPLED BY: MI
RLQ/NSQ-PEC

DATE RECEIVED: 10/30/2020
TIME RECEIVED: 12:35 PM

SAMPLE MATRIX: WATER
SAMPLE ID: TMW-1 (10'-11')

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	11/4/2020	11/6/2020	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT IS <LOD.
LOD = LIMIT OF DETECTION.



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: KANDLER TOOL

NAME:

PROJECT NO: 2015

LOCATION: 5515 KING HIGHWAY

MI

GTA PROJECT NO: 103020-

SAMPLED BY: RLQ/NSQ-PEC

DATE SAMPLED: 10/28/2020

TIME SAMPLED: 11:00 AM

SAMPLE MATRIX: SOIL

DATE RECEIVED: 10/30/2020

TIME RECEIVED: 12:35 PM

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: SB-4 (5'-6')	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	10/30/2020
SAMPLE ID: SB-3 (5'-6')	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	10/30/2020
SAMPLE ID: SB-2 (7'-8')	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	10/30/2020
SAMPLE ID: MW-1 (4'-5')	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	10/30/2020

CELEBRATING 10 YEARS ☆ 2002-2012 ☆

CHAIN OF CUSTODY

PROJECT NUMBER 2015	SITE NAME/ADDRESS 5515 King Highway	COMPANY/NAME Kandler Tool
SAMPLED BY RHQ/NSQ	COMPANY Pro Active Environmental Concepts, LLC	GT PROJECT

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SB-4 (5'-6')	28 OCT 2020	11:00	Soil	Consolidated PNA'S WASTE OIL
2	TMW-4 (7'-10')	28 OCT 2020	11:04	WATER	
3	SB-3 (5'-6')	28 OCT 2020	10:38	Soil	
4	TMW-3 (6'-10')	28 OCT 2020	10:42	WATER	
5	SB-2 (7'-8')	28 OCT 2020	10:13	Soil	
6	TMW-2 (8'-10')	28 OCT 2020	10:16	WATER	
7	MW-1 (4'-5')	28 OCT 2020	9:42	Soil	
8	TMW-1 (10'-11')	28 OCT 2020	9:48	WATER	

BILL TO:

REPORT TO:

RELEASED BY R. Quintilliani	DATE/TIME 29 OCT 20 2:24	RECEIVED BY UPS	DATE/TIME 29 OCT 20 2:24
		10/30/20 12:35	
		rec 4.0°C out	

REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS D.