

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: NORTHWEST REGIONAL AIRPORT COMM. Site Addr: CHERRY CAPITAL LUST CLOSURE
Name:
ClientProj: 2015000630.01
GTA ProjNo: 080620-8

Sampled By: MIKE RANKENS/GCES
Date Rec: 8/6/2020
Time Rec: 1:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-108 (7.25')	8/4/2020	10:30 AM	SOIL
2	SB-112 (2')	8/4/2020	3:05 PM	SOIL
3	SB-116 (7.5')	8/5/2020	11:07 AM	SOIL
4	SB-117 (7.5')	8/5/2020	12:45 PM	SOIL
5	SB-109 (14')	8/4/2020	11:40 AM	SOIL
6	SB-113 (18')	8/4/2020	4:20 PM	SOIL
7	SB-115 (16')	8/5/2020	10:20 AM	SOIL

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
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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
PROJECT NO: 2015000630.01 GTA SAMPLE NO: 1
LOCATION: CHERRY CAPITAL LUST CLOSURE DATE SAMPLED: 8/4/2020
MI TIME SAMPLED: 10:30 AM
SAMPLED BY: MIKE RANKENS/GCES DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLE MATRIX: SOIL SAMPLE ID: SB-108 (7.25')

**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	8/4/2020	8/10/2020	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
ND = NOT DETECTED
LOD = LIMIT OF DETECTION

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
PROJECT NO: 2015000630.01 GTA SAMPLE NO: 2
LOCATION: CHERRY CAPITAL LUST CLOSURE DATE SAMPLED: 8/4/2020
MI TIME SAMPLED: 3:05 PM
SAMPLED BY: MIKE RANKENS/GCES DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLE MATRIX: SOIL SAMPLE ID: SB-112 (2')

**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	8/4/2020	8/10/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	480	50					
1,3,5-Trimethylbenzene	1,400	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	510	250					
2-Methylnaphthalene	3,800	250					
1,2-Dibromoethane	ND	20					
1,2-Dichloroethane	ND	50					

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
PROJECT NO: 2015000630.01 GTA SAMPLE NO: 3
LOCATION: CHERRY CAPITAL LUST CLOSURE DATE SAMPLED: 8/5/2020
MI TIME SAMPLED: 11:07 AM
SAMPLED BY: MIKE RANKENS/GCES DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLE MATRIX: SOIL SAMPLE ID: SB-116 (7.5')

**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	8/5/2020	8/10/2020	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
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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
PROJECT NO: 2015000630.01 GTA SAMPLE NO: 4
LOCATION: CHERRY CAPITAL LUST CLOSURE DATE SAMPLED: 8/5/2020
MI TIME SAMPLED: 12:45 PM
SAMPLED BY: MIKE RANKENS/GCES DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLE MATRIX: SOIL SAMPLE ID: SB-117 (7.5')

**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	8/5/2020	8/10/2020	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
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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
GTA SAMPLE NO: 5
NAME:
PROJECT NO: 2015000630.01 DATE SAMPLED: 8/4/2020
LOCATION: CHERRY CAPITAL LUST CLOSURE TIME SAMPLED: 11:40 AM
DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
MI
SAMPLED BY: MIKE RANKENS/GCES

ORGANICS

<u>No:</u>	<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>
SAMPLE ID:	SB-109 (14')							
SAMPLE MATRIX:	SOIL							
GASOLINE RANGE ORGANICS (GRO) EPA 8015M		9.0	4.0	mg/Kg (PPM)	MR	8/4/2020	8/10/2020	EPA 5035A

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

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
NAME: GTA SAMPLE NO: 6
PROJECT NO: 2015000630.01 DATE SAMPLED: 8/4/2020
LOCATION: CHERRY CAPITAL LUST CLOSURE TIME SAMPLED: 4:20 PM
 DATE RECEIVED: 8/6/2020
 TIME RECEIVED: 1:00 PM
SAMPLED BY: MI
 MIKE RANKENS/GCES

ORGANICS

<u>No:</u>	<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>
SAMPLE ID:	SB-113 (18')							
SAMPLE MATRIX:	SOIL							
GASOLINE RANGE ORGANICS (GRO) EPA 8015M		ND	4.0	mg/Kg (PPM)	MR	8/4/2020	8/10/2020	EPA 5035A

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

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
NAME: GTA SAMPLE NO: 7
PROJECT NO: 2015000630.01 DATE SAMPLED: 8/5/2020
LOCATION: CHERRY CAPITAL LUST CLOSURE TIME SAMPLED: 10:20 AM
DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
MI
SAMPLED BY: MIKE RANKENS/GCES

ORGANICS

<u>No:</u>	<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>
SAMPLE ID:	SB-115 (16')							
SAMPLE MATRIX:	SOIL							
GASOLINE RANGE ORGANICS (GRO) EPA 8015M		150	4.0	mg/Kg (PPM)	MR	8/4/2020	8/10/2020	EPA 5035A

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
GTA SAMPLE NO: 1
PROJECT NO: 2015000630.01
LOCATION: CHERRY CAPITAL LUST CLOSURE
DATE SAMPLED: 8/4/2020
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLED BY: MI
MIKE RANKENS/GCES
SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>	<u>Digestion Method</u>
SAMPLE ID: SB-108 (7.25')							
1	LEAD TOTAL EPA 6020A	ND	0.27	mg/Kg (PPM)	MR	8/12/2020	EPA 3050B

ND = NOT DETECTED, RESULT < LOD.
LOD = LIMIT OF DETECTION
DISS = DISSOLVED

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
GTA SAMPLE NO: 2
PROJECT NO: 2015000630.01
LOCATION: CHERRY CAPITAL LUST CLOSURE
DATE SAMPLED: 8/4/2020
TIME SAMPLED: 3:05 PM
DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLED BY: MI
MIKE RANKENS/GCES
SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>	<u>Digestion Method</u>
SAMPLE ID: SB-112 (2')							
2	LEAD TOTAL EPA 6020A	3.2	0.25	mg/Kg (PPM)	MR	8/12/2020	EPA 3050B

ND = NOT DETECTED, RESULT < LOD.
LOD = LIMIT OF DETECTION
DISS = DISSOLVED

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
GTA SAMPLE NO: 3
PROJECT NO: 2015000630.01
LOCATION: CHERRY CAPITAL LUST CLOSURE
DATE SAMPLED: 8/5/2020
TIME SAMPLED: 11:07 AM
DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLED BY: MI
MIKE RANKENS/GCES
SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>	<u>Digestion Method</u>
SAMPLE ID: SB-116 (7.5')							
3	LEAD TOTAL EPA 6020A	ND	0.25	mg/Kg (PPM)	MR	8/12/2020	EPA 3050B

ND = NOT DETECTED, RESULT < LOD.
LOD = LIMIT OF DETECTION
DISS = DISSOLVED

COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
GTA SAMPLE NO: 4
PROJECT NO: 2015000630.01
LOCATION: CHERRY CAPITAL LUST CLOSURE
DATE SAMPLED: 8/5/2020
TIME SAMPLED: 12:45 PM
DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM
SAMPLED BY: MI
MIKE RANKENS/GCES
SAMPLE MATRIX: SOIL

METALS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>	<u>Digestion Method</u>
SAMPLE ID: SB-117 (7.5')							
4	LEAD TOTAL EPA 6020A	ND	0.20	mg/Kg (PPM)	MR	8/12/2020	EPA 3050B

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COMPANY: NORTHWEST REGIONAL AIRPORT COMM. GTA PROJECT NO: 080620-8
NAME: SAMPLED BY: MIKE RANKENS/GCES
PROJECT NO: 2015000630.01

DATE SAMPLED: 8/4/2020
TIME SAMPLED: 10:30 AM
SAMPLE MATRIX: SOIL

LOCATION: CHERRY CAPITAL LUST CLOSURE

DATE RECEIVED: 8/6/2020
TIME RECEIVED: 1:00 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
SAMPLE ID: SB-108 (7.25')	% MOISTURE EPA 3550C	8.3	0.050	% OF SAMPLE	AS	8/6/2020
SAMPLE ID: SB-112 (2')	% MOISTURE EPA 3550C	5.9	0.050	% OF SAMPLE	AS	8/6/2020
SAMPLE ID: SB-116 (7.5')	% MOISTURE EPA 3550C	4.0	0.050	% OF SAMPLE	AS	8/6/2020
SAMPLE ID: SB-117 (7.5')	% MOISTURE EPA 3550C	2.9	0.050	% OF SAMPLE	AS	8/6/2020
SAMPLE ID: SB-109 (14')	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	8/6/2020
SAMPLE ID: SB-113 (18')	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	8/6/2020
SAMPLE ID: SB-115 (16')	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	8/6/2020

CHAIN OF CUSTODY

PROJECT NUMBER 2015000630.01	SITE NAME/ADDRESS Cherry Capital LUST Closure	COMPANY/NAME Northwest Regional Airport Comm.
SAMPLED BY Mike Rankens	COMPANY Gosling Czubak	GTA PROJECT # 080620-B

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SB-108 (7.25')	8/4/2020	1030	Soil	BTEX + 5/1,2-Dichloroethane/ Ethylene Dibromide AND LEAD
2	SB-112 (2')	8/4/2020	1505	Soil	↓ ↓ ↓ ↓
3	SB-116 (7.5')	8/5/2020	1107	Soil	↓ ↓ ↓ ↓
4	SB-117 (7.5')	8/5/2020	1245	Soil	↓ ↓ ↓ ↓
5	SB-109 (OK HSE) (14')	8/4/2020	1140	Soil	TPH - GRO
6	SB-113 (18')	8/4/2020	1620	Soil	TPH - GRO
7	SB-115 (16')	8/5/2020	1020	Soil	TPH - GRO

BILL TO:

Gosling Czubak

REPORT TO:

ADAM SEGERLIND

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Shelly J. Zyl	8/4/2020 @ 1710	GUES Cold Storage	8/4/2020 @ 1710
GUES Cold Storage	8/5/2020 @ 0720	Shelly J. Zyl	8/5/2020 @ 0720
Shelly J. Zyl	8/5/2020 @ 1400	GUES Cold Storage	8/5/2020 @ 1400
GUES Cold Storage	8/6/2020 @ 1200	Shelly J. Zyl	8/6/2020 @ 1200
Shelly J. Zyl	8/6/2020 @ 1300	Shelly J. Zyl	8/6/2020 @ 1300 rec 2002 anic
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			