



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MACKINAC ENVIRONMENTAL
Name:
ClientProj: M20-3297
GTA ProjNo: 092220-8

Site Addr: PAYNE TIRE CO.

Sampled By: BRAD JEFFERS/MET
Date Rec: 9/22/2020
Time Rec: 12:17 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	S-1 @ 0-1'	9/17/2020		SOIL
2	S-2 @ 1-2'	9/17/2020		SOIL
3	S-3 @ 14-16'	9/17/2020		SOIL
4	S-4 @ 4-6'	9/17/2020		SOIL
5	S-5 @ 4-6'	9/17/2020		SOIL
6	S-6 @ 10-12'	9/17/2020		SOIL
7	S-7 @ 10-12'	9/17/2020		SOIL
8	S-8 @ 2-3'	9/17/2020		SOIL
9	S-9 @ 3-4'	9/17/2020		SOIL
10	S-10 @ 0-1'	9/17/2020		SOIL
11	S-11 @ 0-1'	9/17/2020		SOIL
12	S-12 @ 0-1'	9/17/2020		SOIL
13	S-1	9/17/2020		WATER
14	S-2	9/17/2020		WATER
15	S-3	9/17/2020		WATER
16	S-4	9/17/2020		WATER
17	S-5	9/17/2020		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
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PH: 231-929-0905

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-2 @ 1-2'

EPA 8260B VOLATILE ORGANICS

<u>Units=</u> ug/Kg (PPB)	<u>Analyst=</u> MR	<u>Date</u>	9/17/2020	<u>Date Completed=</u> 9/24/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50	
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50	
BENZENE	ND	50	DIETHYL ETHER	ND	200	
BROMOBENZENE	ND	100	ETHYLBENZENE	88	50	
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250	
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50	
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250	
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500	
n-BUTYLBENZENE	57	50	IDOMETHANE	ND	250	
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	61	50	
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50	
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250	
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750	
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250	
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100	
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250	
CHLOROETHANE	ND	250	MIBK	ND	2,500	
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	610	250	
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	590	250	
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250	
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	68	50	
DIBROMOMETHANE	ND	250	STYRENE	ND	50	
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100	
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50	
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50	
1,4-DICHLOROBENZENE	ND	50	TOLUENE	350	50	
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50	
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250	
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50	
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50	
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	81	50	
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100	
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100	
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	440	50	
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	140	50	
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40	
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	1,100	150	

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



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-3 @ 14-16'

EPA 8260B VOLATILE ORGANICS

<u>Units=</u> ug/Kg (PPB)	<u>Analyst=</u> MR	<u>Date</u>	9/17/2020	<u>Date Completed=</u> 9/23/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>		<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>
ACETONE	ND	1,000		cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250		trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50		DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100		ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100		ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50		HEXACHLOROBTADIENE	ND	50
BROMOFORM	ND	100		HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200		2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50		IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50		ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50		ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250		METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50		METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50		METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100		METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50		METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250		MIBK	ND	2,500
CHLOROMETHANE	ND	250		2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50		NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50		PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100		n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250		STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20		1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50		1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50		TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50		TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50		1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250		1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50		1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50		1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50		TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50		TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50		1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50		1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50		1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50		VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50		XYLENE (TOTAL)	ND	150

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



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-4 @ 4-6'

EPA 8260B VOLATILE ORGANICS

<u>Units=</u> ug/Kg (PPB)	<u>Analyst=</u> MR	<u>Date</u>	9/17/2020	<u>Date Completed=</u> 9/23/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>		<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>
ACETONE	ND	1,000		cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250		trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50		DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100		ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100		ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50		HEXACHLOROBTADIENE	ND	50
BROMOFORM	ND	100		HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200		2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50		IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50		ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50		ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250		METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50		METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50		METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100		METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50		METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250		MIBK	ND	2,500
CHLOROMETHANE	ND	250		2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50		NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50		PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100		n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250		STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20		1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50		1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50		TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50		TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50		1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250		1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50		1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50		1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50		TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50		TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50		1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50		1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50		1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50		VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50		XYLENE (TOTAL)	ND	150

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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-5 @ 4-6'

EPA 8260B VOLATILE ORGANICS

<u>Units</u> = ug/Kg (PPB)	<u>Analyst</u> = MR	<u>Date</u>	9/17/2020	<u>Date Completed</u> = 9/23/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50	
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50	
BENZENE	ND	50	DIETHYL ETHER	ND	200	
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50	
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250	
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50	
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250	
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500	
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250	
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50	
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50	
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250	
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750	
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250	
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100	
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250	
CHLOROETHANE	ND	250	MIBK	ND	2,500	
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250	
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250	
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250	
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50	
DIBROMOMETHANE	ND	250	STYRENE	ND	50	
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100	
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50	
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50	
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50	
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50	
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250	
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50	
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50	
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50	
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100	
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100	
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50	
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50	
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40	
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150	

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



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 6
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-6 @ 10-12'

EPA 8260B VOLATILE ORGANICS

<u>Units=</u> ug/Kg (PPB)	<u>Analyst=</u> MR	<u>Date</u>	9/17/2020	<u>Date Completed=</u> 9/23/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50	
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50	
BENZENE	ND	50	DIETHYL ETHER	ND	200	
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50	
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250	
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBTADIENE	ND	50	
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250	
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500	
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250	
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50	
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50	
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250	
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750	
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250	
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100	
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250	
CHLOROETHANE	ND	250	MIBK	ND	2,500	
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250	
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250	
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250	
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50	
DIBROMOMETHANE	ND	250	STYRENE	ND	50	
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100	
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50	
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50	
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50	
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50	
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250	
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50	
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50	
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50	
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100	
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100	
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50	
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50	
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40	
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150	

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: MACKINAC ENVIRONMENTAL

PROJECT NO: M20-3297
LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
GTA SAMPLE NO: 7

DATE SAMPLED: 9/17/2020
TIME SAMPLED:

DATE RECEIVED: 9/22/2020
TIME RECEIVED: 12:17 PM

SAMPLED BY: BRAD JEFFERS/MET

SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-7 @ 10-12'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)

Analyst= MR

Date

9/17/2020

Date Completed= 9/23/2020

Prep

EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

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: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 8
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-8 @ 2-3'

EPA 8260B VOLATILE ORGANICS

<u>Units</u> = ug/Kg (PPB)	<u>Analyst</u> = MR	<u>Date</u>	9/17/2020	<u>Date Completed</u> = 9/23/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>		<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>
ACETONE	ND	1,000		cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250		trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50		DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100		ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100		ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50		HEXACHLOROBTADIENE	ND	50
BROMOFORM	ND	100		HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200		2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50		IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50		ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50		ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250		METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50		METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50		METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100		METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50		METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250		MIBK	ND	2,500
CHLOROMETHANE	ND	250		2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50		NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50		PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100		n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250		STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20		1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50		1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50		TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50		TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50		1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250		1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50		1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50		1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50		TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50		TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50		1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50		1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50		1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50		VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50		XYLENE (TOTAL)	ND	150

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: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 9
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: S-9 @ 3-4'

EPA 8260B VOLATILE ORGANICS

<u>Units</u> = ug/Kg (PPB)	<u>Analyst</u> = MR	<u>Date</u>	9/17/2020	<u>Date Completed</u> = 9/23/2020	<u>Prep</u>	EPA 5035A
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50	
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50	
BENZENE	ND	50	DIETHYL ETHER	ND	200	
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50	
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250	
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBTADIENE	ND	50	
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250	
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500	
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250	
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50	
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50	
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250	
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750	
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250	
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100	
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250	
CHLOROETHANE	ND	250	MIBK	ND	2,500	
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250	
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250	
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250	
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50	
DIBROMOMETHANE	ND	250	STYRENE	ND	50	
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100	
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50	
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50	
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50	
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50	
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROBENZENE	ND	250	
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50	
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50	
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50	
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100	
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100	
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50	
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50	
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40	
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150	

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: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 13
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: WATER
 SAMPLE ID: S-1

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 9/22/2020

Prep

EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

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: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 14
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: WATER
 SAMPLE ID: S-2

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 9/22/2020

Prep

EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	1.4	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

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: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 15
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLED BY: BRAD JEFFERS/MET

SAMPLE MATRIX: WATER

SAMPLE ID: S-3

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 9/22/2020

Prep

EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

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



INDEPENDENT TESTING LAB

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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 16
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: WATER
 SAMPLE ID: S-4

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 9/22/2020

Prep

EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 17
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLED BY: BRAD JEFFERS/MET

SAMPLE MATRIX: WATER

SAMPLE ID: S-5

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 9/22/2020

Prep

EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

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

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SOIL
 SAMPLE ID: S-1 @ 0-1'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 1
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/25/2020	9/27/2020	EPA 3550B
Acenaphthylene	580	330					
Anthracene	520	330					
Benzo(a)anthracene	2,200	330					
Benzo(b)fluoranthene	5,200	330					
Benzo(k)fluoranthene	1,800	330					
Benzo(a)pyrene	2,800	330					
Benzo(ghi)perylene	1,500	330					
2-Chloronaphthalene	ND	330					
Chrysene	2,500	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	2,200	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	1,900	330					
2-Methylnaphthalene	400	330					
Naphthalene	ND	330					
Phenanthrene	680	330					
Pyrene	1,400	330					

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



INDEPENDENT TESTING LAB

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 2

DATE SAMPLED: 9/17/2020
 TIME SAMPLED:

SAMPLED BY: MI
 BRAD JEFFERS/MET

DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLE MATRIX: SOIL
 SAMPLE ID: S-2 @ 1-2'

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/25/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-3 @ 14-16'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

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	9/25/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-4 @ 4-6'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

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	9/25/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



INDEPENDENT TESTING LAB

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FAX: 231-929-0894

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-5 @ 4-6'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/25/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



INDEPENDENT TESTING LAB

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PH: 231-929-0905

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 6

DATE SAMPLED: 9/17/2020
 TIME SAMPLED:

SAMPLED BY: MI
 BRAD JEFFERS/MET

DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLE MATRIX: SOIL
 SAMPLE ID: S-6 @ 10-12'

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/25/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-7 @ 10-12'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 7
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

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	9/26/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

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



INDEPENDENT TESTING LAB

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FAX: 231-929-0894

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-8 @ 2-3'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 8
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/26/2020	9/27/2020	EPA 3550B
Acenaphthylene	410	330					
Anthracene	380	330					
Benzo(a)anthracene	1,700	330					
Benzo(b)fluoranthene	1,900	330					
Benzo(k)fluoranthene	750	330					
Benzo(a)pyrene	1,500	330					
Benzo(ghi)perylene	740	330					
2-Chloronaphthalene	ND	330					
Chrysene	1,600	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	3,400	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	810	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	1,900	330					
Pyrene	2,100	330					

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-9 @ 3-4'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 9
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/26/2020	9/27/2020	EPA 3550B
Acenaphthylene	2,300	330					
Anthracene	1,400	330					
Benzo(a)anthracene	20,000	330					
Benzo(b)fluoranthene	28,000	330					
Benzo(k)fluoranthene	10,000	330					
Benzo(a)pyrene	28,000	330					
Benzo(ghi)perylene	13,000	330					
2-Chloronaphthalene	ND	330					
Chrysene	18,000	330					
Dibenz(ah)anthracene	3,800	330					
Fluoranthene	31,000	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	14,000	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	2,800	330					
Pyrene	16,000	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-10 @ 0-1'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 10
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/26/2020	9/27/2020	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					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: SOIL
 SAMPLE ID: S-11 @ 0-1'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 11
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/26/2020	9/27/2020	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	360	330					
Benzo(b)fluoranthene	830	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	360	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	520	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	620	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	400	330					
Naphthalene	ND	330					
Phenanthrene	540	330					
Pyrene	340	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 12

DATE SAMPLED: 9/17/2020
 TIME SAMPLED:

SAMPLED BY: MI
 BRAD JEFFERS/MET

DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLE MATRIX: SOIL
 SAMPLE ID: S-12 @ 0-1'

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/26/2020	9/27/2020	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	920	330					
Benzo(b)fluoranthene	1,500	330					
Benzo(k)fluoranthene	590	330					
Benzo(a)pyrene	900	330					
Benzo(ghi)perylene	380	330					
2-Chloronaphthalene	ND	330					
Chrysene	990	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	1,100	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	450	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	580	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: MACKINAC ENVIRONMENTAL

GTA PROJECT NO: 092220-8

PROJECT NO: M20-3297

GTA SAMPLE NO: 13

LOCATION: PAYNE TIRE CO.

DATE SAMPLED: 9/17/2020

TIME SAMPLED:

SAMPLED BY: MI
BRAD JEFFERS/MET

DATE RECEIVED: 9/22/2020

TIME RECEIVED: 12:17 PM

SAMPLE MATRIX: WATER

SAMPLE ID: S-1

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	9/23/2020	9/25/2020	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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

ND = NOT DETECTED

LOD = LIMIT OF DETECTION



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 WATER
 SAMPLE ID: S-2

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 14
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	9/23/2020	9/25/2020	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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED
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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 15

DATE SAMPLED: 9/17/2020
 TIME SAMPLED:

SAMPLED BY: MI
 BRAD JEFFERS/MET

DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

SAMPLE MATRIX: WATER
 SAMPLE ID: S-3

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	9/23/2020	9/25/2020	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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 LOD = LIMIT OF DETECTION



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: WATER
 SAMPLE ID: S-4

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 16
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	9/23/2020	9/25/2020	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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE MATRIX: WATER
 SAMPLE ID: S-5

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 17
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	9/23/2020	9/25/2020	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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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



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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	092220-8
PROJECT NO:	M20-3297	GTA SAMPLE NO:	1
LOCATION:	PAYNE TIRE CO.	DATE SAMPLED:	9/17/2020
		TIME SAMPLED:	
		DATE RECEIVED:	9/22/2020
		TIME RECEIVED:	12:17 PM
SAMPLED BY:	MI BRAD JEFFERS/MET	SAMPLE MATRIX:	SOIL
SAMPLE ID:	S-1 @ 0-1'		

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	6.4	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	50	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	7.2	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	63	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	290	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	0.26	0.019	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.53	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	130	3.6	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

DISS = DISSOLVED



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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE ID: S-2 @ 1-2'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	3.5	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	32	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	5.8	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	21	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	70	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	0.20	0.016	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.37	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.34	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	70	3.4	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

DISS = DISSOLVED



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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	092220-8
PROJECT NO:	M20-3297	GTA SAMPLE NO:	8
LOCATION:	PAYNE TIRE CO.	DATE SAMPLED:	9/17/2020
		TIME SAMPLED:	
		DATE RECEIVED:	9/22/2020
		TIME RECEIVED:	12:17 PM
SAMPLED BY:	MI BRAD JEFFERS/MET	SAMPLE MATRIX:	SOIL
SAMPLE ID:	S-8 @ 2-3'		

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	5.4	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	140	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	1.4	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	17	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	39	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	510	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	0.78	0.018	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.62	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.36	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	420	3.6	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

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INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	092220-8
PROJECT NO:	M20-3297	GTA SAMPLE NO:	9
LOCATION:	PAYNE TIRE CO.	DATE SAMPLED:	9/17/2020
		TIME SAMPLED:	
		DATE RECEIVED:	9/22/2020
		TIME RECEIVED:	12:17 PM
SAMPLED BY:	MI BRAD JEFFERS/MET	SAMPLE MATRIX:	SOIL
SAMPLE ID:	S-9 @ 3-4'		

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	1.5	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	39	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	12	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	15	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	48	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	3.3	0.34	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.42	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	61	3.8	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE ID: S-10 @ 0-1'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 10
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	5.0	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	31	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	5.8	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	69	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	95	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	0.46	0.016	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.48	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.39	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	63	3.9	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

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830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	092220-8
PROJECT NO:	M20-3297	GTA SAMPLE NO:	11
LOCATION:	PAYNE TIRE CO.	DATE SAMPLED:	9/17/2020
		TIME SAMPLED:	
		DATE RECEIVED:	9/22/2020
		TIME RECEIVED:	12:17 PM
SAMPLED BY:	MI BRAD JEFFERS/MET	SAMPLE MATRIX:	SOIL
SAMPLE ID:	S-11 @ 0-1'		

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	30	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	37	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	1.7	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	6.1	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	70	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	110	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	0.36	0.017	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.66	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.35	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	470	3.5	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

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830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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FAX: 231-929-0894

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COMPANY: MACKINAC ENVIRONMENTAL
 PROJECT NO: M20-3297
 LOCATION: PAYNE TIRE CO.
 MI
 SAMPLED BY: BRAD JEFFERS/MET
 SAMPLE ID: S-12 @ 0-1'

GTA PROJECT NO: 092220-8
 GTA SAMPLE NO: 12
 DATE SAMPLED: 9/17/2020
 TIME SAMPLED:
 DATE RECEIVED: 9/22/2020
 TIME RECEIVED: 12:17 PM
 SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	7.1	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
BARIUM TOTAL EPA 6020A	34	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CADMIUM TOTAL EPA 6020A	0.42	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
CHROMIUM TOTAL EPA 6020A	6.9	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
COPPER TOTAL EPA 6020A	58	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
LEAD TOTAL EPA 6020A	140	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
MERCURY TOTAL EPA 7471B	0.16	0.016	mg/Kg (PPM)	MR	9/29/2020	EPA 7471
SELENIUM TOTAL EPA 6020A	0.58	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.38	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B
ZINC TOTAL EPA 6020A	140	3.8	mg/Kg (PPM)	MR/TR	9/30/2020	EPA 3050B

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INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: MACKINAC ENVIRONMENTAL

NAME:
PROJECT NO: M20-3297

LOCATION: PAYNE TIRE CO.

MI

GTA PROJECT NO: 092220-8
SAMPLED BY: BRAD JEFFERS/MET

DATE SAMPLED: 9/17/2020
TIME SAMPLED:

SAMPLE MATRIX: SOIL

DATE RECEIVED: 9/22/2020
TIME RECEIVED: 12:17 PM

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: S-1 @ 0-1' % MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-2 @ 1-2' % MOISTURE EPA 3550C	6.4	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-3 @ 14-16' % MOISTURE EPA 3550C	4.9	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-4 @ 4-6' % MOISTURE EPA 3550C	6.5	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-5 @ 4-6' % MOISTURE EPA 3550C	4.1	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-6 @ 10-12' % MOISTURE EPA 3550C	4.8	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-7 @ 10-12' % MOISTURE EPA 3550C	9.4	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-8 @ 2-3' % MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-9 @ 3-4' % MOISTURE EPA 3550C	8.8	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-10 @ 0-1' % MOISTURE EPA 3550C	7.6	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-11 @ 0-1' % MOISTURE EPA 3550C	10	0.050	% OF SAMPLE	AS	9/22/2020
SAMPLE ID: S-12 @ 0-1' % MOISTURE EPA 3550C	6.1	0.050	% OF SAMPLE	AS	9/22/2020

CHAIN OF CUSTODY

PROJECT NUMBER M20-3297	SITE NAME/ADDRESS Payne Tire Co.	COMPANY/NAME
SAMPLED BY Brad Jeffers	COMPANY MET	GTA PROJECT # 092220-8

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	S-1 e 0-1'	9/17/20		Soil	PNA's, 10 MI Metals
2	S-2 e 1-2'				VOCs, PNA's, 10 Metals
3	S-3 e 14-16'				VOCs, PNA's
4	S-4 e 4-6'				VOCs, PNA's
5	S-5 e 4-6'				VOCs, PNA's
6	S-6 e 10-12'				VOCs, PNA's
7	S-7 e 10-12'				VOCs, PNA's
8	S-8 e 2-3'				VOCs, PNA's, 10 Metals
9	S-9 e 3-4'				VOCs, PNA's, 10 Metals
10	S-10 e 0-1'				PNA's, 10 Metals
11	S-11 e 0-1'				PNA's, 10 Metals
12	S-12 e 0-1'				PNA's, 10 Metals
					*Samples shipped on ice

BILL TO: met e
PO Box 485
St Ignace, MI 49781

REPORT TO:
met e scan1t.com

RELEASED BY Brad Jeffers	DATE/TIME 9/21/20 e 1005	RECEIVED BY K. O'Neil	DATE/TIME 9/22/20 12:17p
		M 360 L on ice	

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

