



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X101** Lab Sample ID: **S907718-01**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 10:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/10/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.1	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X101** Lab Sample ID: **S907718-01**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 10:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/10/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	17		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND	J5	2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	190	J3, J7	2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND	J5	2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND	J5	2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X102** Lab Sample ID: **S907718-02**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 11:20

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/10/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.2	
Vinyl chloride	ND		2.2	
Bromomethane	ND		2.2	
Chloroethane	ND		2.2	
Trichlorofluoromethane	ND		2.2	
Acetone	ND		11	
1,1-Dichloroethene	ND		2.2	
Methylene chloride	ND		5.4	
Carbon disulfide	ND		2.2	
trans-1,2-Dichloroethene	ND		2.2	
Methyl tert-butyl ether	ND		2.2	
1,1-Dichloroethane	ND		2.2	
2-Butanone (MEK) *	ND		11	
cis-1,2-Dichloroethene	ND		2.2	
Bromochloromethane	ND		2.2	
Chloroform	2.4		2.2	
2,2-Dichloropropane	ND		2.2	
1,2-Dichloroethane	ND		2.2	
1,1,1-Trichloroethane	3.7		2.2	
1,1-Dichloropropene	ND		2.2	
Carbon tetrachloride	ND		2.2	
Benzene	ND		2.2	
Dibromomethane	ND		2.2	
1,2-Dichloropropane	ND		2.2	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X102** Lab Sample ID: **S907718-02**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 11:20

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/10/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	40		2.2	
Bromodichloromethane	ND		2.2	
cis-1,3-Dichloropropene	ND		2.2	
4-Methyl-2-pentanone (MIBK)	ND	J5	2.2	
trans-1,3-Dichloropropene	ND		2.2	
1,1,2-Trichloroethane	ND		2.2	
Toluene	ND		2.2	
1,3-Dichloropropane	ND		2.2	
2-Hexanone (MBK) *	ND		2.2	
Dibromochloromethane	ND		2.2	
1,2-Dibromoethane	ND		2.2	
Tetrachloroethene	220	J7, L	2.2	
1,1,1,2-Tetrachloroethane	ND		2.2	
Chlorobenzene	ND		2.2	
Ethylbenzene	ND		2.2	
Bromoform	ND		2.2	
Styrene	ND		2.2	
1,1,2,2-Tetrachloroethane	ND	J5	2.2	
Xylenes, total	ND		2.2	
1,2,3-Trichloropropane	ND	J5	2.2	
Isopropylbenzene	ND		2.2	
Bromobenzene	ND		2.2	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X103** Lab Sample ID: **S907718-03**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 15:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/10/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.7	
Vinyl chloride	ND		1.7	
Bromomethane	ND		1.7	
Chloroethane	ND		1.7	
Trichlorofluoromethane	ND		1.7	
Acetone	ND		8.4	
1,1-Dichloroethene	ND		1.7	
Methylene chloride	ND		4.2	
Carbon disulfide	ND		1.7	
trans-1,2-Dichloroethene	ND		1.7	
Methyl tert-butyl ether	ND		1.7	
1,1-Dichloroethane	ND		1.7	
2-Butanone (MEK) *	ND		8.4	
cis-1,2-Dichloroethene	ND		1.7	
Bromochloromethane	ND		1.7	
Chloroform	ND		1.7	
2,2-Dichloropropane	ND		1.7	
1,2-Dichloroethane	ND		1.7	
1,1,1-Trichloroethane	ND		1.7	
1,1-Dichloropropene	ND		1.7	
Carbon tetrachloride	ND		1.7	
Benzene	ND		1.7	
Dibromomethane	ND		1.7	
1,2-Dichloropropane	ND		1.7	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X103** Lab Sample ID: **S907718-03**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 15:45

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/10/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.7	
Bromodichloromethane	ND		1.7	
cis-1,3-Dichloropropene	ND		1.7	
4-Methyl-2-pentanone (MIBK)	ND	J5	1.7	
trans-1,3-Dichloropropene	ND		1.7	
1,1,2-Trichloroethane	ND		1.7	
Toluene	ND	J2	1.7	
1,3-Dichloropropane	ND	J2	1.7	
2-Hexanone (MBK) *	ND	J2	1.7	
Dibromochloromethane	ND	J2	1.7	
1,2-Dibromoethane	ND	J2	1.7	
Tetrachloroethene	ND	J2, J7	1.7	
1,1,1,2-Tetrachloroethane	ND	J2	1.7	
Chlorobenzene	ND	J2	1.7	
Ethylbenzene	ND	J2	1.7	
Bromoform	ND	J2	1.7	
Styrene	ND	J2	1.7	
1,1,2,2-Tetrachloroethane	ND	J2, J5	1.7	
Xylenes, total	ND	J2	1.7	
1,2,3-Trichloropropane	ND	J2, J5	1.7	
Isopropylbenzene	ND	J2	1.7	
Bromobenzene	ND	J2	1.7	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G101** Lab Sample ID: **S907718-04**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 17:00

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/11/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	103		2.00	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	3.05		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	188		2.00	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	19.6		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	17.4		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC TRIP BLANKS** Lab Sample ID: **S907718-05**

Matrix: Water Collected By: NA Date/Time Collected: 06/09/09 0:00

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/11/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **X102** Lab Sample ID: **S907718-06**

Matrix: Soil-- methanol Collected By: JERRY WILLMAN Date/Time Collected: 06/09/09 11:20

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/11/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Tetrachloroethene	28000		2200	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/10/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00


Notes and Definitions

- L Actual value not known, but known to be greater than value shown. To be used when the concentration of the analyte is above the acceptable level for quantitation. Value shown is the highest acceptable level for quantitation.
- J7 Blank spike failed low - possible low bias or false non-detect.
- J5 Blank spike failed high, result was non-detect - impact on data may be minimal.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- J2 Internal Standard criteria was not met.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- * Non-NELAP accredited

Method 8260 sample S907718-03:Tentatively Identified Compounds (TICs) were detected in the volatile analysis. Please contact the laboratory if additional information about the TICs is needed.

Method 8260 sample S907718-06 (X102): No matrix spike/matrix spike duplicate was performed for the analysis of methanol extract of this soil sample due to insufficient sample amount. NELEC and method requirements were not met.

Report Authorized by:


Gary Germann
Laboratory Manager

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/11/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 5.00

Client Sample ID: **X104** Lab Sample ID: **S907904-01**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 9:40

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/11/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.7	
Vinyl chloride	ND		1.7	
Bromomethane	ND		1.7	
Chloroethane	ND		1.7	
Trichlorofluoromethane	ND		1.7	
Acetone	ND		8.3	
1,1-Dichloroethene	ND		1.7	
Methylene chloride	ND		4.2	
Carbon disulfide	ND		1.7	
trans-1,2-Dichloroethene	ND		1.7	
Methyl tert-butyl ether	ND		1.7	
1,1-Dichloroethane	ND		1.7	
2-Butanone (MEK) *	ND		8.3	
cis-1,2-Dichloroethene	ND		1.7	
Bromochloromethane	ND		1.7	
Chloroform	ND		1.7	
2,2-Dichloropropane	ND		1.7	
1,2-Dichloroethane	ND		1.7	
1,1,1-Trichloroethane	ND		1.7	
1,1-Dichloropropene	ND		1.7	
Carbon tetrachloride	ND		1.7	
Benzene	ND		1.7	
Dibromomethane	ND		1.7	
1,2-Dichloropropane	ND		1.7	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/11/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 5.00

Client Sample ID: **X104** Lab Sample ID: **S907904-01**

Matrix: Soil Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 9:40

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Analyzed: 06/11/09

Units: ug/kg dry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.7	
Bromodichloromethane	ND		1.7	
cis-1,3-Dichloropropene	ND		1.7	
4-Methyl-2-pentanone (MIBK)	ND		1.7	
trans-1,3-Dichloropropene	ND		1.7	
1,1,2-Trichloroethane	ND		1.7	
Toluene	ND	J2	1.7	
1,3-Dichloropropane	ND	J2	1.7	
2-Hexanone (MBK) *	ND	J2	1.7	
Dibromochloromethane	ND	J2	1.7	
1,2-Dibromoethane	ND	J2	1.7	
Tetrachloroethene	ND	J2	1.7	
1,1,1,2-Tetrachloroethane	ND	J2	1.7	
Chlorobenzene	ND	J2	1.7	
Ethylbenzene	ND	J2	1.7	
Bromoform	ND	J2	1.7	
Styrene	ND	J2	1.7	
1,1,2,2-Tetrachloroethane	ND	J2	1.7	
Xylenes, total	ND	J2	1.7	
1,2,3-Trichloropropane	ND	J2	1.7	
Isopropylbenzene	ND	J2	1.7	
Bromobenzene	ND	J2	1.7	

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/11/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 5.00

Notes and Definitions


J2 Internal Standard criteria was not met.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

* Non-NELAP accredited

Report Authorized by:


Gary Germann
Laboratory Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G102** Lab Sample ID: **S908009-01**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 10:45

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	33.7		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	8.26		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G103** Lab Sample ID: **S908009-02**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 12:15

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G106** Lab Sample ID: **S908009-03**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 14:30

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G107** Lab Sample ID: **S908009-04**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 16:00

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G104** Lab Sample ID: **S908009-05**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 15:40

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G108** Lab Sample ID: **S908009-06**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/10/09 17:45

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	19.6		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	0.59		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	30.9		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	1.59		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

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LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G109** Lab Sample ID: **S908009-07**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/11/09 9:30

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G110** Lab Sample ID: **S908009-08**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/11/09 10:30

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC G105** Lab Sample ID: **S908009-09**

Matrix: Water Collected By: JERRY WILLMAN Date/Time Collected: 06/11/09 10:00

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **VOC TRIP BLANKS** Lab Sample ID: **S908009-10**

Matrix: Water Collected By: N/A Date/Time Collected: 06/11/09 0:00

Volatile Organic Compounds by GC/MS

Method: 524.2 Analyzed: 06/16/09

Units: ug/L

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **PLAYFIELD CLEANERS**

Project/Facility Number: 0310605500 Date Received : 06/12/09

Funding Code: LP52-3BO Visit Number:

Trip ID: Temperature C: 3.00

Notes and Definitions


ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

* Non-NELAP accredited

Sample S908009-05 and -08: Small Tentatively Identified Compounds (TICs) were detected in the volatile analysis. They are misc. organic compounds totally around 3 ppb for each sample.

Report Authorized by:


Gary Germann
Laboratory Manager

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