

Toxikon Corporation

Date: 06-Jul-05

CLIENT: Clean Harbors
Lab Order: 0506219
Project: Microfab
Lab ID: 0506219-02A

Client Sample ID: Gac - Midpoint
Tag Number:
Collection Date: 6/21/2005 9:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: SP		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
2-Butanone	ND	10.0		µg/L	1	7/1/2005 6:21:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
2-Hexanone	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Acetone	ND	10.0		µg/L	1	7/1/2005 6:21:00 PM
Acrolein	ND	50.0		µg/L	1	7/1/2005 6:21:00 PM
Acrylonitrile	ND	10.0		µg/L	1	7/1/2005 6:21:00 PM
Benzene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Bromoform	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Bromomethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Chlorobenzene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Chloroethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Chloroform	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Chloromethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Ethylbenzene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Methylene chloride	ND	10.0		µg/L	1	7/1/2005 6:21:00 PM
Styrene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Toluene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Trichloroethene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 06-Jul-05

CLIENT: Clean Harbors
Lab Order: 0506219
Project: Microfab
Lab ID: 0506219-02A

Client Sample ID: Gac - Midpoint
Tag Number:
Collection Date: 6/21/2005 9:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Total Xylenes	ND	5.00		µg/L	1	7/1/2005 6:21:00 PM
Surr: 1,2-Dichloroethane-d4	96.1	76-114		%REC	1	7/1/2005 6:21:00 PM
Surr: 4-Bromofluorobenzene	97.1	86-115		%REC	1	7/1/2005 6:21:00 PM
Surr: Toluene-d8	97.1	88-110		%REC	1	7/1/2005 6:21:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
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Toxikon Corporation

Date: 06-Jul-05

CLIENT: Clean Harbors
Lab Order: 0506219
Project: Microfab
Lab ID: 0506219-04A

Client Sample ID: Air Strip Influent
Tag Number:
Collection Date: 6/21/2005 9:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
1,1,1-Trichloroethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,1,2,2-Tetrachloroethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,1,2-Trichloroethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,1-Dichloroethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,1-Dichloroethene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,2-Dichlorobenzene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,2-Dichloroethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,2-Dichloropropane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,3-Dichlorobenzene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
1,4-Dichlorobenzene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
2-Butanone	ND	1000		µg/L	100	7/1/2005 7:22:00 PM
2-Chloroethyl vinyl ether	ND	500		µg/L	100	7/1/2005 7:22:00 PM
2-Hexanone	ND	500		µg/L	100	7/1/2005 7:22:00 PM
4-Methyl-2-Pentanone	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Acetone	ND	1000		µg/L	100	7/1/2005 7:22:00 PM
Acrolein	ND	5000		µg/L	100	7/1/2005 7:22:00 PM
Acrylonitrile	ND	1000		µg/L	100	7/1/2005 7:22:00 PM
Benzene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Bromodichloromethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Bromoform	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Bromomethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Carbon Disulfide	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Carbon tetrachloride	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Chlorobenzene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Chloroethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Chloroform	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Chloromethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
cis-1,3-Dichloropropene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Dibromochloromethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Dichlorodifluoromethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Ethylbenzene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Methylene chloride	ND	1000		µg/L	100	7/1/2005 7:22:00 PM
Styrene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Tetrachloroethene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Toluene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
trans-1,3-Dichloropropene	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Trichloroethene	17900	500		µg/L	100	7/1/2005 7:22:00 PM
Trichlorofluoromethane	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Vinyl Acetate	ND	500		µg/L	100	7/1/2005 7:22:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation**Date:** 06-Jul-05

CLIENT: Clean Harbors
Lab Order: 0506219
Project: Microfab
Lab ID: 0506219-04A

Client Sample ID: Air Strip Influent
Tag Number:
Collection Date: 6/21/2005 9:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Total 1,2-dichloroethene	11200	500		µg/L	100	7/1/2005 7:22:00 PM
Total Xylenes	ND	500		µg/L	100	7/1/2005 7:22:00 PM
Surr: 1,2-Dichloroethane-d4	95.4	76-114		%REC	100	7/1/2005 7:22:00 PM
Surr: 4-Bromofluorobenzene	98.1	86-115		%REC	100	7/1/2005 7:22:00 PM
Surr: Toluene-d8	97.0	88-110		%REC	100	7/1/2005 7:22:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
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Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors

Project: Microfab

Lab Order: 0506046

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0506046-01A	GAC EFF		5/25/2005 1:30:00 PM	6/6/2005
0506046-02A	GAC MID		5/25/2005 1:30:00 PM	6/6/2005
0506046-03A	GAC INF		5/25/2005 1:30:00 PM	6/6/2005
0506046-04A	AIR STRIP INF		5/25/2005 1:30:00 PM	6/6/2005

Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-01A

Client Sample ID: GAC EFF
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
1,1,1-Trichloroethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,1-Dichloroethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,1-Dichloroethene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,2-Dichloroethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,2-Dichloropropane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
2-Butanone	ND	10.0		µg/L	1	6/8/2005 8:44:00 AM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
2-Hexanone	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Acetone	ND	10.0		µg/L	1	6/8/2005 8:44:00 AM
Acrolein	ND	50.0		µg/L	1	6/8/2005 8:44:00 AM
Acrylonitrile	ND	10.0		µg/L	1	6/8/2005 8:44:00 AM
Benzene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Bromodichloromethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Bromoform	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Bromomethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Carbon Disulfide	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Carbon tetrachloride	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Chlorobenzene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Chloroethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Chloroform	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Chloromethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Dibromochloromethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Dichlorodifluoromethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Ethylbenzene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Methylene chloride	ND	10.0		µg/L	1	6/8/2005 8:44:00 AM
Styrene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Tetrachloroethene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Toluene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Trichloroethene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Trichlorofluoromethane	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Vinyl Acetate	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-01A

Client Sample ID: GAC EFF
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
Vinyl chloride	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Total Xylenes	ND	5.00		µg/L	1	6/8/2005 8:44:00 AM
Surr: 1,2-Dichloroethane-d4	94.6	76-114		%REC	1	6/8/2005 8:44:00 AM
Surr: 4-Bromofluorobenzene	106	86-115		%REC	1	6/8/2005 8:44:00 AM
Surr: Toluene-d8	105	88-110		%REC	1	6/8/2005 8:44:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
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Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-02A

Client Sample ID: GAC MID
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
1,1,1-Trichloroethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,1-Dichloroethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,1-Dichloroethene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,2-Dichloroethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,2-Dichloropropane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
2-Butanone	ND	10.0		µg/L	1	6/8/2005 9:15:00 AM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
2-Hexanone	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Acetone	ND	10.0		µg/L	1	6/8/2005 9:15:00 AM
Acrolein	ND	50.0		µg/L	1	6/8/2005 9:15:00 AM
Acrylonitrile	ND	10.0		µg/L	1	6/8/2005 9:15:00 AM
Benzene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Bromodichloromethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Bromoform	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Bromomethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Carbon Disulfide	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Carbon tetrachloride	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Chlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Chloroethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Chloroform	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Chloromethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Dibromochloromethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Dichlorodifluoromethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Ethylbenzene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Methylene chloride	ND	10.0		µg/L	1	6/8/2005 9:15:00 AM
Styrene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Tetrachloroethene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Toluene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Trichloroethene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Trichlorofluoromethane	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Vinyl Acetate	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-02A

Client Sample ID: GAC MID
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
Vinyl chloride	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Total Xylenes	ND	5.00		µg/L	1	6/8/2005 9:15:00 AM
Surr: 1,2-Dichloroethane-d4	92.2	76-114		%REC	1	6/8/2005 9:15:00 AM
Surr: 4-Bromofluorobenzene	108	86-115		%REC	1	6/8/2005 9:15:00 AM
Surr: Toluene-d8	106	88-110		%REC	1	6/8/2005 9:15:00 AM

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Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-03A

Client Sample ID: GAC INF
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
1,1,1-Trichloroethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,1-Dichloroethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,1-Dichloroethene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,2-Dichloroethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,2-Dichloropropane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
2-Butanone	ND	10.0		µg/L	1	6/8/2005 9:46:00 AM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
2-Hexanone	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Acetone	ND	10.0		µg/L	1	6/8/2005 9:46:00 AM
Acrolein	ND	50.0		µg/L	1	6/8/2005 9:46:00 AM
Acrylonitrile	ND	10.0		µg/L	1	6/8/2005 9:46:00 AM
Benzene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Bromodichloromethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Bromoform	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Bromomethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Carbon Disulfide	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Carbon tetrachloride	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Chlorobenzene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Chloroethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Chloroform	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Chloromethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Dibromochloromethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Dichlorodifluoromethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Ethylbenzene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Methylene chloride	ND	10.0		µg/L	1	6/8/2005 9:46:00 AM
Styrene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Tetrachloroethene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Toluene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Trichloroethene	13.4	5.00		µg/L	1	6/8/2005 9:46:00 AM
Trichlorofluoromethane	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Vinyl Acetate	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-03A

Client Sample ID: GAC INF
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
Vinyl chloride	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Total 1,2-dichloroethene	48.7	5.00		µg/L	1	6/8/2005 9:46:00 AM
Total Xylenes	ND	5.00		µg/L	1	6/8/2005 9:46:00 AM
Surr: 1,2-Dichloroethane-d4	91.8	76-114		%REC	1	6/8/2005 9:46:00 AM
Surr: 4-Bromofluorobenzene	107	86-115		%REC	1	6/8/2005 9:46:00 AM
Surr: Toluene-d8	105	88-110		%REC	1	6/8/2005 9:46:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-04A

Client Sample ID: AIR STRIP INF
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: JPM
1,1,1-Trichloroethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,1,2,2-Tetrachloroethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,1,2-Trichloroethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,1-Dichloroethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,1-Dichloroethene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,2-Dichlorobenzene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,2-Dichloroethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,2-Dichloropropane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,3-Dichlorobenzene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
1,4-Dichlorobenzene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
2-Butanone	ND	1000		µg/L	100	6/8/2005 10:17:00 AM
2-Chloroethyl vinyl ether	ND	500		µg/L	100	6/8/2005 10:17:00 AM
2-Hexanone	ND	500		µg/L	100	6/8/2005 10:17:00 AM
4-Methyl-2-Pentanone	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Acetone	ND	1000		µg/L	100	6/8/2005 10:17:00 AM
Acrolein	ND	5000		µg/L	100	6/8/2005 10:17:00 AM
Acrylonitrile	ND	1000		µg/L	100	6/8/2005 10:17:00 AM
Benzene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Bromodichloromethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Bromoform	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Bromomethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Carbon Disulfide	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Carbon tetrachloride	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Chlorobenzene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Chloroethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Chloroform	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Chloromethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
cis-1,3-Dichloropropene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Dibromochloromethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Dichlorodifluoromethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Ethylbenzene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Methylene chloride	ND	1000		µg/L	100	6/8/2005 10:17:00 AM
Styrene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Tetrachloroethene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Toluene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
trans-1,3-Dichloropropene	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Trichloroethene	9710	500		µg/L	100	6/8/2005 10:17:00 AM
Trichlorofluoromethane	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Vinyl Acetate	ND	500		µg/L	100	6/8/2005 10:17:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 09-Jun-05

CLIENT: Clean Harbors
Lab Order: 0506046
Project: Microfab
Lab ID: 0506046-04A

Client Sample ID: AIR STRIP INF
Tag Number:
Collection Date: 5/25/2005 1:30:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
Vinyl chloride	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Total 1,2-dichloroethene	11200	500		µg/L	100	6/8/2005 10:17:00 AM
Total Xylenes	ND	500		µg/L	100	6/8/2005 10:17:00 AM
Surr: 1,2-Dichloroethane-d4	98.5	76-114		%REC	100	6/8/2005 10:17:00 AM
Surr: 4-Bromofluorobenzene	107	86-115		%REC	100	6/8/2005 10:17:00 AM
Surr: Toluene-d8	104	88-110		%REC	100	6/8/2005 10:17:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

15 Wiggins Ave., Bedford, MA 01730
Telephone: (781) 275-3330
Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 06-09

DUE DATE : 6-13-09

COMPANY: CLEAN HARBORS
ADDRESS: 1501 WASHINGTON ST
BRAintree MA
PHONE #: (781) 849-1800 FAX #: (781) 794-1760
P.O. #: EN 930729
PROJECT MANAGER: HA ALLEN
PROJECT ID/LOCATION: MICROPLAS

SAMPLE TYPE	CONTAINER TYPE
1. WASTEWATER	P - PLASTIC
2. SOIL	G - GLASS
3. SLUDGE	V - VOA
4. OIL	
5. DRINKING WATER	
6. WATER (GW/MW/SW)	
7. OTHER (SPECIFY	

ANALYSES

[illegible]

SAMPLED BY:

DATE: 5 - 25 - 15

QUOTATION #:

RELINQUISHED BY:

DATE: 12-6-01

RECEIVED BY:

DATE: -

RELINQUISHED BY:

DATE: - -

RECEIVED FOR LAB BY:

DATE: 6 - 6 - 75

METHOD OF SHIPMENT

TIME: - -

COOLER TEMPERATURE

TIME: 11:20 AM

☐ RUSH BUSINESS DAY TURN AROUND

☒ ROUTINE

Sample disposal information

Are there any other known or suspected contaminants in these samples other than those listed above?

Yes _____ No X If Yes, 1st Known _____

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

May 05, 2005

Howard Allen
Clean Harbors
1501 Washington Street
BRAINTREE, MA 02185
TEL: (781) 849-1800
FAX (781) 794-1760

RE: Microfab

Dear Howard Allen:

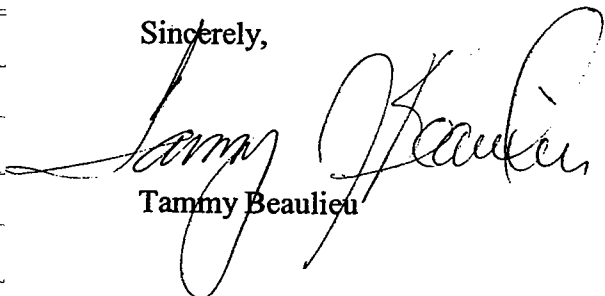
Order No.: 0504237

Toxikon Corporation received 4 samples on 4/29/2005 for the analyses presented in the following report.

Unless noted in the report, there were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these test results, please feel free to call.

Sincerely,



Tammy Beaulieu

Certifications: MA: MA 064, NH: 204099D and 204099E, ME: MA064, RI: 55, VT: MA064, TN: MA064
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors

Project: Microfab

Lab Order: 0504237

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0504237-01A	Gac-Eff		4/22/2005 5:00:00 PM	4/29/2005
0504237-02A	Gac-Mid		4/22/2005 5:00:00 PM	4/29/2005
0504237-03A	Gac-Inf		4/22/2005 5:00:00 PM	4/29/2005
0504237-04A	Air Strip Inf.		4/22/2005	4/29/2005

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-01A

Client Sample ID: Gac-Eff
Tag Number:
Collection Date: 4/22/2005 5:00:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: SP		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
2-Butanone	ND	10.0		µg/L	1	5/3/2005 12:09:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
2-Hexanone	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Acetone	ND	10.0		µg/L	1	5/3/2005 12:09:00 PM
Acrolein	ND	50.0		µg/L	1	5/3/2005 12:09:00 PM
Acrylonitrile	ND	10.0		µg/L	1	5/3/2005 12:09:00 PM
Benzene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Bromoform	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Bromomethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Chlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Chloroethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Chloroform	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Chloromethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Ethylbenzene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Methylene chloride	ND	10.0		µg/L	1	5/3/2005 12:09:00 PM
Styrene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Toluene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Trichloroethene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-01A

Client Sample ID: Gac-Eff
Tag Number:
Collection Date: 4/22/2005 5:00:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Total Xylenes	ND	5.00		µg/L	1	5/3/2005 12:09:00 PM
Surr: 1,2-Dichloroethane-d4	97.3	76-114		%REC	1	5/3/2005 12:09:00 PM
Surr: 4-Bromofluorobenzene	98.3	86-115		%REC	1	5/3/2005 12:09:00 PM
Surr: Toluene-d8	99.6	88-110		%REC	1	5/3/2005 12:09:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-02A

Client Sample ID: Gac-Mid
Tag Number:
Collection Date: 4/22/2005 5:00:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: SP		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
2-Butanone	ND	10.0		µg/L	1	5/3/2005 12:40:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
2-Hexanone	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Acetone	ND	10.0		µg/L	1	5/3/2005 12:40:00 PM
Acrolein	ND	50.0		µg/L	1	5/3/2005 12:40:00 PM
Acrylonitrile	ND	10.0		µg/L	1	5/3/2005 12:40:00 PM
Benzene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Bromoform	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Bromomethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Chlorobenzene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Chloroethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Chloroform	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Chloromethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Ethylbenzene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Methylene chloride	ND	10.0		µg/L	1	5/3/2005 12:40:00 PM
Styrene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Toluene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Trichloroethene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-02A

Client Sample ID: Gac-Mid
Tag Number:
Collection Date: 4/22/2005 5:00:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Total Xylenes	ND	5.00		µg/L	1	5/3/2005 12:40:00 PM
Surr: 1,2-Dichloroethane-d4	95.6	76-114		%REC	1	5/3/2005 12:40:00 PM
Surr: 4-Bromofluorobenzene	98.5	86-115		%REC	1	5/3/2005 12:40:00 PM
Surr: Toluene-d8	99.6	88-110		%REC	1	5/3/2005 12:40:00 PM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-03A

Client Sample ID: Gac-Inf
Tag Number:
Collection Date: 4/22/2005 5:00:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: SP		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
2-Butanone	ND	10.0		µg/L	1	5/3/2005 1:12:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
2-Hexanone	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Acetone	ND	10.0		µg/L	1	5/3/2005 1:12:00 PM
Acrolein	ND	50.0		µg/L	1	5/3/2005 1:12:00 PM
Acrylonitrile	ND	10.0		µg/L	1	5/3/2005 1:12:00 PM
Benzene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Bromoform	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Bromomethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Chlorobenzene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Chloroethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Chloroform	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Chloromethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Ethylbenzene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Methylene chloride	ND	10.0		µg/L	1	5/3/2005 1:12:00 PM
Styrene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Toluene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Trichloroethene	5.92	5.00		µg/L	1	5/3/2005 1:12:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-03A

Client Sample ID: Gac-Inf
Tag Number:
Collection Date: 4/22/2005 5:00:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES						
		E624				Analyst: SP
Vinyl chloride	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Total 1,2-dichloroethene	27.6	5.00		µg/L	1	5/3/2005 1:12:00 PM
Total Xylenes	ND	5.00		µg/L	1	5/3/2005 1:12:00 PM
Surr: 1,2-Dichloroethane-d4	99.7	76-114		%REC	1	5/3/2005 1:12:00 PM
Surr: 4-Bromofluorobenzene	99.2	86-115		%REC	1	5/3/2005 1:12:00 PM
Surr: Toluene-d8	99.0	88-110		%REC	1	5/3/2005 1:12:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-04A

Client Sample ID: Air Strip Inf.
Tag Number:
Collection Date: 4/22/2005
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: SP		
1,1,1-Trichloroethane	317	125		µg/L	25	5/3/2005 1:44:00 PM
1,1,2,2-Tetrachloroethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,1,2-Trichloroethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,1-Dichloroethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,1-Dichloroethene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,2-Dichlorobenzene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,2-Dichloroethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,2-Dichloropropane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,3-Dichlorobenzene	ND	500		µg/L	100	5/3/2005 5:26:00 PM
1,3-Dichlorobenzene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
1,4-Dichlorobenzene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
2-Butanone	ND	250		µg/L	25	5/3/2005 1:44:00 PM
2-Chloroethyl vinyl ether	ND	125		µg/L	25	5/3/2005 1:44:00 PM
2-Hexanone	ND	125		µg/L	25	5/3/2005 1:44:00 PM
4-Methyl-2-Pentanone	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Acetone	ND	250		µg/L	25	5/3/2005 1:44:00 PM
Acrolein	ND	1250		µg/L	25	5/3/2005 1:44:00 PM
Acrylonitrile	ND	250		µg/L	25	5/3/2005 1:44:00 PM
Benzene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Bromodichloromethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Bromoform	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Bromomethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Carbon Disulfide	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Carbon tetrachloride	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Chlorobenzene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Chloroethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Chloroform	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Chloromethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
cis-1,3-Dichloropropene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Dibromochloromethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Dichlorodifluoromethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Ethylbenzene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Methylene chloride	ND	250		µg/L	25	5/3/2005 1:44:00 PM
Styrene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Tetrachloroethene	230	125		µg/L	25	5/3/2005 1:44:00 PM
Toluene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
trans-1,3-Dichloropropene	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Trichloroethene	3480	125		µg/L	25	5/3/2005 1:44:00 PM
Trichlorofluoromethane	ND	125		µg/L	25	5/3/2005 1:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 05-May-05

CLIENT: Clean Harbors
Lab Order: 0504237
Project: Microfab
Lab ID: 0504237-04A

Client Sample ID: Air Strip Inf.
Tag Number:
Collection Date: 4/22/2005
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl Acetate	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Vinyl chloride	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Total 1,2-dichloroethene	13600	125		µg/L	25	5/3/2005 1:44:00 PM
Total Xylenes	ND	125		µg/L	25	5/3/2005 1:44:00 PM
Surr: 1,2-Dichloroethane-d4	100	76-114		%REC	25	5/3/2005 1:44:00 PM
Surr: 1,2-Dichloroethane-d4	97.1	76-114		%REC	100	5/3/2005 5:26:00 PM
Surr: 4-Bromofluorobenzene	99.5	86-115		%REC	25	5/3/2005 1:44:00 PM
Surr: 4-Bromofluorobenzene	98.0	86-115		%REC	100	5/3/2005 5:26:00 PM
Surr: Toluene-d8	98.8	88-110		%REC	100	5/3/2005 5:26:00 PM
Surr: Toluene-d8	97.9	88-110		%REC	25	5/3/2005 1:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

15 Wiggins Ave., Bedford, MA 01730
Telephone: (781) 275-3330
Fax: (781) 275-7478

WORK ORDER #: 05-05-04
DUE DATE : 05-06-04

COMPANY: CLEAN HARBORS
ADDRESS: 1501 WASHINGTON ST
BRAINTREE MA
PHONE #: (781) 244-1800 FAX #: (781) 794-1760
P.O. #: FW 930729
PROJECT MANAGER: H. ALLEN
PROJECT ID/LOCATION: MI. CROSBY B

SAMPLE TYPE	CONTAINER TYPE
1. WASTEWATER	P - PLASTIC
2. SOIL	G - GLASS
3. SLUDGE	V - VOA
4. OIL	
5. DRINKING WATER	
6. WATER (GW/MW/SW)	
7. OTHER (SPECIFY _____)	

ANALYSES

[illegible]

SAMPLED BY:	DATE: 4-22-05	QUOTATION #:		☐ RUSH BUSINESS DAY TURN AROUND ☒ ROUTINE Sample disposal information Are there any other known or suspected contaminants in these samples of _____ than those listed above?
REINQUIRED BY:	TIME: 1700-			
RELINQUISHED BY:	DATE: 4-29-05	RECEIVED BY:	DATE: 04-29-05	
	TIME: 9:00 - AM		TIME: 9:00 - AM	
METHOD OF _____	DATE: 04-29-05	RECEIVED FOR LAB BY:	DATE: 04-29-05	
	TIME: 11:40 - AM		TIME: 11:40 -	
_____	COOLER TEMPERATURE:			

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

March 31, 2005

Howard Allen
Clean Harbors
1501 Washington Street
BRAINTREE, MA 02185

TEL: (781) 849-1800
FAX: (781) 794-1760

RE: Microfab

Order No.: 0503245

Dear Howard Allen:

Toxikon Corporation received 4 samples on 3/25/2005 for the analyses presented in the following report.

Unless noted in the report, there were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Tammy Beaulieu

Certifications: MA: MA 064, NH: 204099D and 204099E, ME: MA064, RI: 55, VT: MA064, TN: MA064
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD: 185

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Project: Microfab
Lab Order: 0503245

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0503245-01A	Effluent		3/24/2005 10:00:00 AM	3/25/2005
0503245-02A	Midpoint		3/24/2005 10:00:00 AM	3/25/2005
0503245-03A	Influent		3/24/2005 10:00:00 AM	3/25/2005
0503245-04A	Air Strip Influent		3/24/2005 10:00:00 AM	3/25/2005

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-01A

Client Sample ID: Effluent
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: JPM		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
2-Butanone	ND	10.0		µg/L	1	3/26/2005 2:34:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
2-Hexanone	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Acetone	ND	10.0		µg/L	1	3/26/2005 2:34:00 PM
Acrolein	ND	50.0		µg/L	1	3/26/2005 2:34:00 PM
Acrylonitrile	ND	10.0		µg/L	1	3/26/2005 2:34:00 PM
Benzene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Bromoform	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Bromomethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Chlorobenzene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Chloroethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Chloroform	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Chloromethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Ethylbenzene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Methylene chloride	ND	10.0		µg/L	1	3/26/2005 2:34:00 PM
Styrene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Toluene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Trichloroethene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM

Qualifiers	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	RL - Reporting Limit

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-01A

Client Sample ID: Effluent
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
Vinyl chloride	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Total Xylenes	ND	5.00		µg/L	1	3/26/2005 2:34:00 PM
Surr: 1,2-Dichloroethane-d4	100	76-114		%REC	1	3/26/2005 2:34:00 PM
Surr: 4-Bromofluorobenzene	101	86-115		%REC	1	3/26/2005 2:34:00 PM
Surr: Toluene-d8	99.9	88-110		%REC	1	3/26/2005 2:34:00 PM

Qualifiers	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	RL - Reporting Limit

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-02A

Client Sample ID: Midpoint
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: JPM		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
2-Butanone	ND	10.0		µg/L	1	3/26/2005 3:05:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
2-Hexanone	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Acetone	ND	10.0		µg/L	1	3/26/2005 3:05:00 PM
Acrolein	ND	50.0		µg/L	1	3/26/2005 3:05:00 PM
Acrylonitrile	ND	10.0		µg/L	1	3/26/2005 3:05:00 PM
Benzene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Bromoform	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Bromomethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Chlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Chloroethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Chloroform	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Chloromethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Ethylbenzene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Methylene chloride	ND	10.0		µg/L	1	3/26/2005 3:05:00 PM
Styrene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Toluene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Trichloroethene	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM

Qualifiers	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	RL - Reporting Limit

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-02A

Client Sample ID: Midpoint
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: JPM
Vinyl chloride	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Total 1,2-dichloroethene	18.4	5.00		µg/L	1	3/26/2005 3:05:00 PM
Total Xylenes	ND	5.00		µg/L	1	3/26/2005 3:05:00 PM
Surr: 1,2-Dichloroethane-d4	104	76-114		%REC	1	3/26/2005 3:05:00 PM
Surr: 4-Bromofluorobenzene	101	86-115		%REC	1	3/26/2005 3:05:00 PM
Surr: Toluene-d8	99.4	88-110		%REC	1	3/26/2005 3:05:00 PM

Qualifiers
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-03A

Client Sample ID: Influent
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: JPM		
1,1,1-Trichloroethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
2-Butanone	ND	10.0		µg/L	1	3/26/2005 3:36:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
2-Hexanone	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Acetone	ND	10.0		µg/L	1	3/26/2005 3:36:00 PM
Acrolein	ND	50.0		µg/L	1	3/26/2005 3:36:00 PM
Acrylonitrile	ND	10.0		µg/L	1	3/26/2005 3:36:00 PM
Benzene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Bromoform	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Bromomethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Chlorobenzene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Chloroethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Chloroform	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Chloromethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Ethylbenzene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Methylene chloride	ND	10.0		µg/L	1	3/26/2005 3:36:00 PM
Styrene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Toluene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Trichloroethene	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM

Qualifiers ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-03A

Client Sample ID: Influent
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: JPM
Vinyl chloride	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Total 1,2-dichloroethene	42.6	5.00		µg/L	1	3/26/2005 3:36:00 PM
Total Xylenes	ND	5.00		µg/L	1	3/26/2005 3:36:00 PM
Surr: 1,2-Dichloroethane-d4	101	76-114		%REC	1	3/26/2005 3:36:00 PM
Surr: 4-Bromofluorobenzene	100	86-115		%REC	1	3/26/2005 3:36:00 PM
Surr: Toluene-d8	99.5	88-110		%REC	1	3/26/2005 3:36:00 PM

Qualifiers	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	RL - Reporting Limit

Toxikon Corporation

Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-04A

Client Sample ID: Air Strip Influent
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624		Analyst: JPM		
1,1,1-Trichloroethane	1520	500		µg/L	100	3/26/2005 4:08:00 PM
1,1,2,2-Tetrachloroethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,1,2-Trichloroethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,1-Dichloroethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,1-Dichloroethene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,2-Dichlorobenzene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,2-Dichloroethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,2-Dichloropropane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,3-Dichlorobenzene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
1,4-Dichlorobenzene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
2-Butanone	ND	1000		µg/L	100	3/26/2005 4:08:00 PM
2-Chloroethyl vinyl ether	ND	500		µg/L	100	3/26/2005 4:08:00 PM
2-Hexanone	ND	500		µg/L	100	3/26/2005 4:08:00 PM
4-Methyl-2-Pentanone	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Acetone	ND	1000		µg/L	100	3/26/2005 4:08:00 PM
Acrolein	ND	5000		µg/L	100	3/26/2005 4:08:00 PM
Acrylonitrile	ND	1000		µg/L	100	3/26/2005 4:08:00 PM
Benzene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Bromodichloromethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Bromoform	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Bromomethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Carbon Disulfide	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Carbon tetrachloride	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Chlorobenzene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Chloroethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Chloroform	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Chloromethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
cis-1,3-Dichloropropene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Dibromochloromethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Dichlorodifluoromethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Ethylbenzene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Methylene chloride	ND	1000		µg/L	100	3/26/2005 4:08:00 PM
Styrene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Tetrachloroethene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Toluene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
trans-1,3-Dichloropropene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Trichloroethene	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Trichlorofluoromethane	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Vinyl Acetate	ND	500		µg/L	100	3/26/2005 4:08:00 PM

Qualifiers
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon Corporation

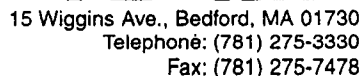
Date: 31-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503245
Project: Microfab
Lab ID: 0503245-04A

Client Sample ID: Air Strip Influent
Tag Number:
Collection Date: 3/24/2005 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: JPM
Vinyl chloride	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Total 1,2-dichloroethene	18100	500		µg/L	100	3/26/2005 4:08:00 PM
Total Xylenes	ND	500		µg/L	100	3/26/2005 4:08:00 PM
Surr: 1,2-Dichloroethane-d4	104	76-114		%REC	100	3/26/2005 4:08:00 PM
Surr: 4-Bromofluorobenzene	99.7	86-115		%REC	100	3/26/2005 4:08:00 PM
Surr: Toluene-d8	98.1	88-110		%REC	100	3/26/2005 4:08:00 PM

Qualifiers	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	RL - Reporting Limit



WORK ORDER #: 05-03-245

DUE DATE : 4-1-05

[illegible]

SAMPLED BY:	DATE: 3-24-05	QUOTATION #:		☐ RUSH BUSINESS DAY TURN AROUND ☒ ROUTINE Sample disposal information Are there any other known or suspected contaminants in these samples other than those listed above? Yes ☐ No ☒ If Yes, List Known
DOUG MURPHY	TIME: 10-00-AM			
RELINQUISHED BY:	DATE: 3-25-05	RECEIVED BY:	DATE: 3-25-05	
RONNY GILL	TIME: 13-40-PM	<i>[Signature]</i>	TIME: 13-45-	
RELINQUISHED BY:	DATE: - -	RECEIVED FOR LAB BY:	DATE: - -	
	TIME: - -		TIME: - -	
METHOD	SHIPMENT	COOLER TEMPERATURE		
1				

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

March 11, 2005

Howard Allen
Clean Harbors
1501 Washington Street
BRAINTREE, MA 02185
TEL: (781) 849-1800
FAX (781) 794-1760

RE: MICROFAB

Order No.: 0503068

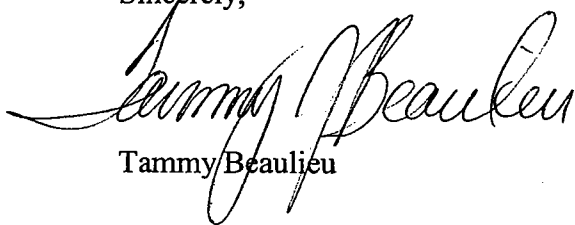
Dear Howard Allen:

Toxikon received 3 samples on 3/8/2005 for the analyses presented in the following report.

Unless noted in the report, there were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these test results, please feel free to call.

Sincerely,



Tammy Beaulieu

Certifications: MA: MA 064, NH: 204099D and 204099E, ME: MA064, RI: 55, VT: MA064, TN: MA064
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

Toxikon**Date:** 11-Mar-05

CLIENT: Clean Harbors
Project: MICROFAB
Lab Order: 0503068

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0503068-01A	GAC-EFF		2/24/2005 2:00:00 PM	3/8/2005
0503068-02A	GAC-MID		2/24/2005 2:00:00 PM	3/8/2005
0503068-03A	AIR STRIP INF		2/24/2005 6:00:00 PM	3/8/2005

Toxikon

Date: 11-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503068
Project: MICROFAB
Lab ID: 0503068-01A

Client Sample ID: GAC-EFF
Tag Number:
Collection Date: 2/24/2005 2:00:00 PM
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: SP
1,1,1-Trichloroethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
2-Butanone	ND	10.0		µg/L	1	3/9/2005 8:13:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
2-Hexanone	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Acetone	ND	10.0		µg/L	1	3/9/2005 8:13:00 PM
Acrolein	ND	50.0		µg/L	1	3/9/2005 8:13:00 PM
Acrylonitrile	ND	10.0		µg/L	1	3/9/2005 8:13:00 PM
Benzene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Bromoform	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Bromomethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Chlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Chloroethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Chloroform	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Chloromethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Ethylbenzene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Methylene chloride	ND	10.0		µg/L	1	3/9/2005 8:13:00 PM
Styrene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Toluene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Trichloroethene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 11-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503068
Project: MICROFAB
Lab ID: 0503068-01A

Client Sample ID: GAC-EFF
Tag Number:
Collection Date: 2/24/2005 2:00:00 PM
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM
Total Xylenes	ND	5.00		µg/L	1	3/9/2005 8:13:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 11-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503068
Project: MICROFAB
Lab ID: 0503068-02A

Client Sample ID: GAC-MID
Tag Number:
Collection Date: 2/24/2005 2:00:00 PM
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: SP
1,1,1-Trichloroethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,1,2,2-Tetrachloroethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,1-Dichloroethene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
2-Butanone	ND	10.0		µg/L	1	3/9/2005 8:44:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
2-Hexanone	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
4-Methyl-2-Pentanone	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Acetone	ND	10.0		µg/L	1	3/9/2005 8:44:00 PM
Acrolein	ND	50.0		µg/L	1	3/9/2005 8:44:00 PM
Acrylonitrile	ND	10.0		µg/L	1	3/9/2005 8:44:00 PM
Benzene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Bromoform	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Bromomethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Carbon Disulfide	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Chlorobenzene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Chloroethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Chloroform	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Chloromethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
cis-1,3-Dichloropropene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Ethylbenzene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Methylene chloride	ND	10.0		µg/L	1	3/9/2005 8:44:00 PM
Styrene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Toluene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
trans-1,3-Dichloropropene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Trichloroethene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Vinyl Acetate	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon**Date:** 11-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503068
Project: MICROFAB
Lab ID: 0503068-02A

Client Sample ID: GAC-MID
Tag Number:
Collection Date: 2/24/2005 2:00:00 PM
Matrix: WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Total 1,2-dichloroethene	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM
Total Xylenes	ND	5.00		µg/L	1	3/9/2005 8:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 11-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503068
Project: MICROFAB
Lab ID: 0503068-03A

Client Sample ID: AIR STRIP INF
Tag Number:
Collection Date: 2/24/2005 6:00:00 PM
Matrix: WASTE WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: SP
1,1,1-Trichloroethane	1220	500		µg/L	100	3/9/2005 9:16:00 PM
1,1,2,2-Tetrachloroethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,1,2-Trichloroethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,1-Dichloroethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,1-Dichloroethene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,2-Dichlorobenzene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,2-Dichloroethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,2-Dichloropropane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,3-Dichlorobenzene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
1,4-Dichlorobenzene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
2-Butanone	ND	1000		µg/L	100	3/9/2005 9:16:00 PM
2-Chloroethyl vinyl ether	ND	500		µg/L	100	3/9/2005 9:16:00 PM
2-Hexanone	ND	500		µg/L	100	3/9/2005 9:16:00 PM
4-Methyl-2-Pentanone	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Acetone	ND	1000		µg/L	100	3/9/2005 9:16:00 PM
Acrolein	ND	5000		µg/L	100	3/9/2005 9:16:00 PM
Acrylonitrile	ND	1000		µg/L	100	3/9/2005 9:16:00 PM
Benzene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Bromodichloromethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Bromoform	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Bromomethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Carbon Disulfide	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Carbon tetrachloride	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Chlorobenzene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Chloroethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Chloroform	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Chloromethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
cis-1,3-Dichloropropene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Dibromochloromethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Dichlorodifluoromethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Ethylbenzene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Methylene chloride	ND	1000		µg/L	100	3/9/2005 9:16:00 PM
Styrene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Tetrachloroethene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Toluene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
trans-1,3-Dichloropropene	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Trichloroethene	524	500		µg/L	100	3/9/2005 9:16:00 PM
Trichlorofluoromethane	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Vinyl Acetate	ND	500		µg/L	100	3/9/2005 9:16:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 11-Mar-05

CLIENT: Clean Harbors
Lab Order: 0503068
Project: MICROFAB
Lab ID: 0503068-03A

Client Sample ID: AIR STRIP INF
Tag Number:
Collection Date: 2/24/2005 6:00:00 PM
Matrix: WASTE WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	500		µg/L	100	3/9/2005 9:16:00 PM
Total 1,2-dichloroethene	11300	500		µg/L	100	3/9/2005 9:16:00 PM
Total Xylenes	ND	500		µg/L	100	3/9/2005 9:16:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

15 Wiggins Ave., Bedford, MA 01730
Telephone: (781) 275-3330
Fax: (781) 275-7478

WORK ORDER #: 05-03-068
DUE DATE : 08-15-05

COMPANY: CLEAN HARBORS
ADDRESS: 1501 WASHINGTON ST
BIRMINGHAM ALA
PHONE #: (205) 849-1800 FAX #: (205) 794-1760
P.O. #: EN 689224
PROJECT MANAGER: H. ATEN
PROJECT ID/LOCATION: MICROFAB

SAMPLE TYPE

1. WASTEWATER

2. SOIL

3. SLUDGE

4. OIL

5. DRINKING WATER

6. WATER (GW/MV/SW)

7. OTHER (SPECIFY

P - PLASTIC
G - GLASS
V - VOA

624

SPECIAL INSTRUCTIONS/ COMMENTS

[illegible]

Yes No X If Yes, 1st Kn.

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

January 31, 2005

Howard Allen
Clean Harbors
1501 Washington Street
BRAINTREE, MA 02185
TEL: (781) 849-1800
FAX (781) 794-1760

RE: Microfab

Dear Howard Allen:

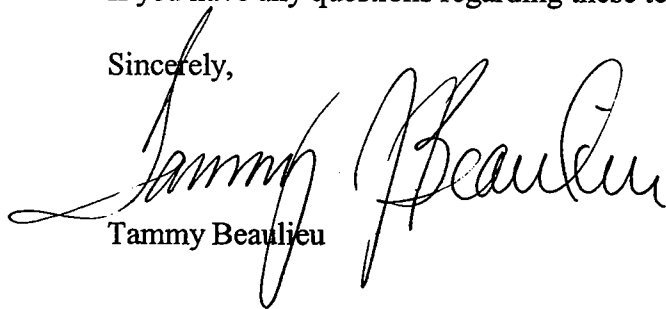
Order No.: 0501176

Toxikon received 4 samples on 1/26/2005 for the analyses presented in the following report.

Unless noted in the report, there were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these test results, please feel free to call.

Sincerely,



Tammy Beaulieu

Certifications: MA: MA 064, NH: 204099D and 204099E, ME: MA064, RI: 55, VT: MA064, TN: MA064
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

Toxikon**Date:** 31-Jan-05

CLIENT: Clean Harbors
Project: Microfab
Lab Order: 0501176

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0501176-01A	Effluent		1/21/2005 3:45:00 PM	1/26/2005
0501176-02A	Midpoint		1/21/2005 3:45:00 PM	1/26/2005
0501176-03A	Influent		1/21/2005 3:45:00 PM	1/26/2005
0501176-04A	Air Strip Inf.		1/21/2005 3:45:00 PM	1/26/2005

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-01A

Client Sample ID: Effluent
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES	E624					Analyst: SP
1,1,1-Trichloroethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
2-Butanone	ND	10		µg/L	1	1/28/2005 7:17:00 PM
2-Chloroethyl vinyl ether	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
2-Hexanone	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
4-Methyl-2-Pentanone	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Acetone	ND	10		µg/L	1	1/28/2005 7:17:00 PM
Acrolein	ND	50		µg/L	1	1/28/2005 7:17:00 PM
Acrylonitrile	ND	10		µg/L	1	1/28/2005 7:17:00 PM
Benzene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Bromoform	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Bromomethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Carbon Disulfide	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Chlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Chloroethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Chloroform	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Chloromethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Ethylbenzene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Methylene chloride	ND	10		µg/L	1	1/28/2005 7:17:00 PM
Styrene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Toluene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Trichloroethene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Vinyl Acetate	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-01A

Client Sample ID: Effluent
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Total 1,2-dichloroethene	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM
Total Xylenes	ND	5.0		µg/L	1	1/28/2005 7:17:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF -Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-02A

Client Sample ID: Midpoint
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
1,1,1-Trichloroethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
2-Butanone	ND	10		µg/L	1	1/28/2005 7:46:00 PM
2-Chloroethyl vinyl ether	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
2-Hexanone	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
4-Methyl-2-Pentanone	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Acetone	ND	10		µg/L	1	1/28/2005 7:46:00 PM
Acrolein	ND	50		µg/L	1	1/28/2005 7:46:00 PM
Acrylonitrile	ND	10		µg/L	1	1/28/2005 7:46:00 PM
Benzene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Bromoform	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Bromomethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Carbon Disulfide	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Chlorobenzene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Chloroethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Chloroform	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Chloromethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Ethylbenzene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Methylene chloride	ND	10		µg/L	1	1/28/2005 7:46:00 PM
Styrene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Toluene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Trichloroethene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Vinyl Acetate	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-02A

Client Sample ID: Midpoint
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Total 1,2-dichloroethene	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM
Total Xylenes	ND	5.0		µg/L	1	1/28/2005 7:46:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-03A

Client Sample ID: Influent
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
1,1,1-Trichloroethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
2-Butanone	ND	10		µg/L	1	1/28/2005 8:15:00 PM
2-Chloroethyl vinyl ether	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
2-Hexanone	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
4-Methyl-2-Pentanone	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Acetone	14	10		µg/L	1	1/28/2005 8:15:00 PM
Acrolein	ND	50		µg/L	1	1/28/2005 8:15:00 PM
Acrylonitrile	ND	10		µg/L	1	1/28/2005 8:15:00 PM
Benzene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Bromoform	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Bromomethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Carbon Disulfide	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Chlorobenzene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Chloroethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Chloroform	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Chloromethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Ethylbenzene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Methylene chloride	ND	10		µg/L	1	1/28/2005 8:15:00 PM
Styrene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Toluene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Trichloroethene	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Vinyl Acetate	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-03A

Client Sample ID: Influent
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES						Analyst: SP
Vinyl chloride	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM
Total 1,2-dichloroethene	62	5.0		µg/L	1	1/28/2005 8:15:00 PM
Total Xylenes	ND	5.0		µg/L	1	1/28/2005 8:15:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF -Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-04A

Client Sample ID: Air Strip Inf.
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
1,1,1-Trichloroethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,1,2,2-Tetrachloroethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,1,2-Trichloroethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,1-Dichloroethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,1-Dichloroethene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,2-Dichlorobenzene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,2-Dichloroethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,2-Dichloropropane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,3-Dichlorobenzene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
1,4-Dichlorobenzene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
2-Butanone	ND	1000		µg/L	100	1/28/2005 8:44:00 PM
2-Chloroethyl vinyl ether	ND	500		µg/L	100	1/28/2005 8:44:00 PM
2-Hexanone	ND	500		µg/L	100	1/28/2005 8:44:00 PM
4-Methyl-2-Pentanone	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Acetone	ND	1000		µg/L	100	1/28/2005 8:44:00 PM
Acrolein	ND	5000		µg/L	100	1/28/2005 8:44:00 PM
Acrylonitrile	ND	1000		µg/L	100	1/28/2005 8:44:00 PM
Benzene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Bromodichloromethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Bromoform	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Bromomethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Carbon Disulfide	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Carbon tetrachloride	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Chlorobenzene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Chloroethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Chloroform	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Chloromethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
cis-1,3-Dichloropropene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Dibromochloromethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Dichlorodifluoromethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Ethylbenzene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Methylene chloride	ND	1000		µg/L	100	1/28/2005 8:44:00 PM
Styrene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Tetrachloroethene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Toluene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
trans-1,3-Dichloropropene	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Trichloroethene	1200	500		µg/L	100	1/28/2005 8:44:00 PM
Trichlorofluoromethane	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Vinyl Acetate	ND	500		µg/L	100	1/28/2005 8:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF -Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Toxikon

Date: 31-Jan-05

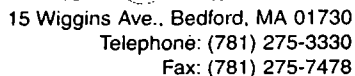
CLIENT: Clean Harbors
Lab Order: 0501176
Project: Microfab
Lab ID: 0501176-04A

Client Sample ID: Air Strip Inf.
Tag Number:
Collection Date: 1/21/2005 3:45:00 PM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PURGEABLES		E624				Analyst: SP
Vinyl chloride	ND	500		µg/L	100	1/28/2005 8:44:00 PM
Total 1,2-dichloroethene	18000	500		µg/L	100	1/28/2005 8:44:00 PM
Total Xylenes	ND	500		µg/L	100	1/28/2005 8:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
DF - Dilution Factor
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit



Page 1 of 1

DUE DATE : 02-02-05

COMPANY: CLEAN HARBORS
ADDRESS: 1501 WASHINGTON ST
BRAINTREE MA
PHONE #: (781) 849-1800 FAX #: (781) 791-1760
P.O. #: EN 689224
PROJECT MANAGER: H. ALLEN
PROJECT ID/LOCATION: MICROFAB

SAMPLE TYPE	CONTAINER TYPE
1. WASTEWATER	P- PLASTIC
2. SOIL	G - GLASS
3. SLUDGE	V - VOA
4. OIL	
5. DRINKING WATER	
6. WATER (GW/MW/SW)	
7. OTHER (SPECIFY	

ANALYSES

[illegible]

SAMPLED BY:

DATE: 1-21-05

QUOTATION #:

RELINQUISHED BY:

TIME: 1545.

RECEIVED BY:

DATE: 01 - 21 - 05

RELINQUISHED BY:

TIME: 1-14-65

RECEIVED FOR LAB BY:

TIME: 13.30.

METHOD OF SHIPMENT

DATE: 4/15/01

COOLER TEMPERATURE

DATE: 6/1 - 16 - 01

☐ RUSH BUSINESS DAY TURN AROUND

~~ROUTINE~~

Sample disposal information

Are there any other known or suspected contaminants in these samples other than those listed above?

Yes No X If Yes, 1st Known