Appendix D
Groundwater Laboratory Analytical Reports

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

August 15, 2012

Elisabeth Silver
ECC Horizon
1101 Andover Park W.
Seattle, WA 98188

RE: Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ely Bair

ely.bair@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

CERTIFICATIONS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Washington Certification IDs
940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Arizona Certification #: AZ0770
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C555

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

SAMPLE ANALYTE COUNT

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2513181001	**MW-2**	EPA 5030B/8260	LPM	70	PASI-S
2513181002	**MW-1**	EPA 5030B/8260	LPM	70	PASI-S
2513181003	**MW-1D**	EPA 5030B/8260	LPM	70	PASI-S
2513181004	**MW-7**	EPA 5030B/8260	BAG	70	PASI-S
2513181005	**Trip Blank**	EPA 5030B/8260	BAG	70	PASI-S

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-2 **Lab ID: 2513181001** Collected: 08/01/12 15:45 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 06:05	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 06:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 06:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 06:05	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 06:05	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 06:05	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 06:05	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 06:05	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 06:05	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 06:05	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 06:05	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 06:05	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 06:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/07/12 06:05	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 06:05	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 06:05	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 06:05	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 06:05	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 06:05	594-20-7	
2-Butanone (MEK)	**223**	ug/L	5.0	1		08/07/12 06:05	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 06:05	95-49-8	
2-Hexanone	**53.6**	ug/L	5.0	1		08/07/12 06:05	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 06:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 06:05	108-10-1	
Acetone	**120**	ug/L	5.0	1		08/07/12 06:05	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 06:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 06:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 06:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 06:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 06:05	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/07/12 06:05	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 06:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 06:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 06:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 06:05	75-00-3	
Chloroform	**1.6**	ug/L	1.0	1		08/07/12 06:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 06:05	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 06:05	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 06:05	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 06:05	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 06:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 06:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 06:05	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 06:05	75-09-2	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-2 **Lab ID: 2513181001** Collected: 08/01/12 15:45 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Naphthalene	ND	ug/L	1.0	1		08/07/12 06:05	91-20-3	
Styrene	ND	ug/L	1.0	1		08/07/12 06:05	100-42-5	
Tetrachloroethene	**16.8**	ug/L	1.0	1		08/07/12 06:05	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 06:05	108-88-3	
Trichloroethene	**1.1**	ug/L	1.0	1		08/07/12 06:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 06:05	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 06:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 06:05	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 06:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 06:05	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 06:05	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 06:05	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 06:05	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 06:05	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 06:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 06:05	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	91	%	79-121	1		08/07/12 06:05	460-00-4	
Dibromofluoromethane (S)	98	%	81-119	1		08/07/12 06:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	72-127	1		08/07/12 06:05	17060-07-0	
Toluene-d8 (S)	97	%	77-120	1		08/07/12 06:05	2037-26-5	

Sample: MW-1 **Lab ID: 2513181002** Collected: 08/02/12 10:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 05:47	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 05:47	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 05:47	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 05:47	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 05:47	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 05:47	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 05:47	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:47	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 05:47	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:47	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 05:47	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:47	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 05:47	107-06-2	
1,2-Dichloroethene (Total)	**15.5**	ug/L	2.0	1		08/07/12 05:47	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 05:47	78-87-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-1 **Lab ID: 2513181002** Collected: 08/02/12 10:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:47	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 05:47	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:47	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 05:47	594-20-7	
2-Butanone (MEK)	**159**	ug/L	5.0	1		08/07/12 05:47	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 05:47	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/07/12 05:47	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 05:47	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 05:47	108-10-1	
Acetone	**24.2**	ug/L	5.0	1		08/07/12 05:47	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 05:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 05:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 05:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 05:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 05:47	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/07/12 05:47	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 05:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 05:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 05:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 05:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/07/12 05:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 05:47	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 05:47	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 05:47	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 05:47	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 05:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 05:47	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 05:47	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 05:47	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/07/12 05:47	91-20-3	
Styrene	ND	ug/L	1.0	1		08/07/12 05:47	100-42-5	
Tetrachloroethene	**91.2**	ug/L	1.0	1		08/07/12 05:47	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 05:47	108-88-3	
Trichloroethene	**5.1**	ug/L	1.0	1		08/07/12 05:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 05:47	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 05:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 05:47	1330-20-7	
cis-1,2-Dichloroethene	**15.2**	ug/L	1.0	1		08/07/12 05:47	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 05:47	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 05:47	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 05:47	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 05:47	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	135-98-8	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-1 **Lab ID: 2513181002** Collected: 08/02/12 10:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 05:47	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 05:47	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 05:47	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	79-121	1		08/07/12 05:47	460-00-4	
Dibromofluoromethane (S)	98	%	81-119	1		08/07/12 05:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	91	%	72-127	1		08/07/12 05:47	17060-07-0	
Toluene-d8 (S)	96	%	77-120	1		08/07/12 05:47	2037-26-5	

Sample: MW-1D **Lab ID: 2513181003** Collected: 08/02/12 11:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 05:28	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 05:28	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 05:28	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 05:28	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 05:28	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 05:28	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 05:28	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:28	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 05:28	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:28	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 05:28	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:28	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 05:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/07/12 05:28	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 05:28	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:28	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 05:28	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 05:28	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 05:28	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/07/12 05:28	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 05:28	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/07/12 05:28	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 05:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 05:28	108-10-1	
Acetone	ND	ug/L	5.0	1		08/07/12 05:28	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 05:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 05:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 05:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 05:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 05:28	75-25-2	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-1D **Lab ID: 2513181003** Collected: 08/02/12 11:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Bromomethane	ND	ug/L	1.0	1		08/07/12 05:28	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 05:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 05:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 05:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 05:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/07/12 05:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 05:28	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 05:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 05:28	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 05:28	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 05:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 05:28	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 05:28	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 05:28	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/07/12 05:28	91-20-3	
Styrene	ND	ug/L	1.0	1		08/07/12 05:28	100-42-5	
Tetrachloroethene	**13.0**	ug/L	1.0	1		08/07/12 05:28	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 05:28	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/07/12 05:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 05:28	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 05:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 05:28	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 05:28	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 05:28	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 05:28	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 05:28	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 05:28	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 05:28	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 05:28	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 05:28	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	79-121	1		08/07/12 05:28	460-00-4	
Dibromofluoromethane (S)	99	%	81-119	1		08/07/12 05:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	72-127	1		08/07/12 05:28	17060-07-0	
Toluene-d8 (S)	98	%	77-120	1		08/07/12 05:28	2037-26-5	

Sample: MW-7 **Lab ID: 2513181004** Collected: 08/02/12 12:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 21:43	630-20-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-7 **Lab ID: 2513181004** Collected: 08/02/12 12:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 21:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 21:43	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 21:43	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 21:43	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 21:43	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 21:43	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 21:43	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 21:43	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 21:43	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 21:43	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 21:43	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 21:43	107-06-2	
1,2-Dichloroethene (Total)	**37.0**	ug/L	2.0	1		08/07/12 21:43	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 21:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 21:43	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 21:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 21:43	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 21:43	594-20-7	
2-Butanone (MEK)	**68.2**	ug/L	5.0	1		08/07/12 21:43	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 21:43	95-49-8	
2-Hexanone	**5.7**	ug/L	5.0	1		08/07/12 21:43	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 21:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 21:43	108-10-1	
Acetone	**195**	ug/L	5.0	1		08/07/12 21:43	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 21:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 21:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 21:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 21:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 21:43	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/07/12 21:43	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 21:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 21:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 21:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 21:43	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		08/07/12 21:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 21:43	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 21:43	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 21:43	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 21:43	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 21:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 21:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 21:43	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 21:43	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/07/12 21:43	91-20-3	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: MW-7 **Lab ID: 2513181004** Collected: 08/02/12 12:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Styrene	ND	ug/L	1.0	1		08/07/12 21:43	100-42-5	
Tetrachloroethene	**190**	ug/L	1.0	1		08/07/12 21:43	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 21:43	108-88-3	
Trichloroethene	**8.0**	ug/L	1.0	1		08/07/12 21:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 21:43	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 21:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 21:43	1330-20-7	
cis-1,2-Dichloroethene	**36.6**	ug/L	1.0	1		08/07/12 21:43	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 21:43	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 21:43	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 21:43	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 21:43	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 21:43	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 21:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 21:43	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	88	%	79-121	1		08/07/12 21:43	460-00-4	
Dibromofluoromethane (S)	97	%	81-119	1		08/07/12 21:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	89	%	72-127	1		08/07/12 21:43	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/07/12 21:43	2037-26-5	

Sample: Trip Blank **Lab ID: 2513181005** Collected: 08/02/12 00:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 18:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 18:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 18:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 18:51	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 18:51	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 18:51	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 18:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 18:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 18:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 18:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 18:51	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 18:51	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 18:51	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/07/12 18:51	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 18:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	108-67-8	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: Trip Blank **Lab ID: 2513181005** Collected: 08/02/12 00:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 18:51	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 18:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 18:51	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 18:51	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/07/12 18:51	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 18:51	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/07/12 18:51	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 18:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 18:51	108-10-1	
Acetone	ND	ug/L	5.0	1		08/07/12 18:51	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 18:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 18:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 18:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 18:51	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 18:51	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/07/12 18:51	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 18:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 18:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 18:51	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 18:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/07/12 18:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 18:51	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 18:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 18:51	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 18:51	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 18:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 18:51	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 18:51	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/07/12 18:51	91-20-3	
Styrene	ND	ug/L	1.0	1		08/07/12 18:51	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/07/12 18:51	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 18:51	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/07/12 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 18:51	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 18:51	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 18:51	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 18:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 18:51	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 18:51	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 18:51	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 18:51	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 18:51	98-06-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Sample: Trip Blank **Lab ID: 2513181005** Collected: 08/02/12 00:00 Received: 08/03/12 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 18:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 18:51	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	79-121	1		08/07/12 18:51	460-00-4	
Dibromofluoromethane (S)	98	%	81-119	1		08/07/12 18:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	87	%	72-127	1		08/07/12 18:51	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/07/12 18:51	2037-26-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

QC Batch: MSV/7534 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2513181001, 2513181002, 2513181003

METHOD BLANK: 126069 Matrix: Water
Associated Lab Samples: 2513181001, 2513181002, 2513181003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1-Dichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1-Dichloroethene	ug/L	ND	1.0	08/06/12 23:39	
1,1-Dichloropropene	ug/L	ND	1.0	08/06/12 23:39	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/06/12 23:39	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	08/06/12 23:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2-Dichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/06/12 23:39	
1,2-Dichloropropane	ug/L	ND	1.0	08/06/12 23:39	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/06/12 23:39	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,3-Dichloropropane	ug/L	ND	1.0	08/06/12 23:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
2,2-Dichloropropane	ug/L	ND	1.0	08/06/12 23:39	
2-Butanone (MEK)	ug/L	ND	5.0	08/06/12 23:39	
2-Chlorotoluene	ug/L	ND	1.0	08/06/12 23:39	
2-Hexanone	ug/L	ND	5.0	08/06/12 23:39	
4-Chlorotoluene	ug/L	ND	1.0	08/06/12 23:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	08/06/12 23:39	
Acetone	ug/L	ND	5.0	08/06/12 23:39	
Benzene	ug/L	ND	1.0	08/06/12 23:39	
Bromobenzene	ug/L	ND	1.0	08/06/12 23:39	
Bromochloromethane	ug/L	ND	1.0	08/06/12 23:39	
Bromodichloromethane	ug/L	ND	1.0	08/06/12 23:39	
Bromoform	ug/L	ND	1.0	08/06/12 23:39	
Bromomethane	ug/L	ND	1.0	08/06/12 23:39	
Carbon disulfide	ug/L	ND	1.0	08/06/12 23:39	
Carbon tetrachloride	ug/L	ND	1.0	08/06/12 23:39	
Chlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
Chloroethane	ug/L	ND	1.0	08/06/12 23:39	
Chloroform	ug/L	ND	1.0	08/06/12 23:39	
Chloromethane	ug/L	ND	1.0	08/06/12 23:39	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/06/12 23:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/06/12 23:39	
Dibromochloromethane	ug/L	ND	1.0	08/06/12 23:39	
Dibromomethane	ug/L	ND	1.0	08/06/12 23:39	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

METHOD BLANK: 126069 Matrix: Water

Associated Lab Samples: 2513181001, 2513181002, 2513181003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	08/06/12 23:39	
Ethylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/06/12 23:39	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/06/12 23:39	
m&p-Xylene	ug/L	ND	2.0	08/06/12 23:39	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/06/12 23:39	
Methylene chloride	ug/L	ND	5.0	08/06/12 23:39	
n-Butylbenzene	ug/L	ND	1.0	08/06/12 23:39	
n-Propylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Naphthalene	ug/L	ND	1.0	08/06/12 23:39	
o-Xylene	ug/L	ND	1.0	08/06/12 23:39	
p-Isopropyltoluene	ug/L	ND	1.0	08/06/12 23:39	
sec-Butylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Styrene	ug/L	ND	1.0	08/06/12 23:39	
tert-Butylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Tetrachloroethene	ug/L	ND	1.0	08/06/12 23:39	
Toluene	ug/L	ND	1.0	08/06/12 23:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/06/12 23:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/06/12 23:39	
Trichloroethene	ug/L	ND	1.0	08/06/12 23:39	
Trichlorofluoromethane	ug/L	ND	1.0	08/06/12 23:39	
Vinyl chloride	ug/L	ND	1.0	08/06/12 23:39	
Xylene (Total)	ug/L	ND	3.0	08/06/12 23:39	
1,2-Dichloroethane-d4 (S)	%	98	72-127	08/06/12 23:39	
4-Bromofluorobenzene (S)	%	104	79-121	08/06/12 23:39	
Dibromofluoromethane (S)	%	101	81-119	08/06/12 23:39	
Toluene-d8 (S)	%	101	77-120	08/06/12 23:39	

LABORATORY CONTROL SAMPLE: 126070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.3	107	70-122	
1,1,1-Trichloroethane	ug/L	20	20.6	103	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	62-133	
1,1,2-Trichloroethane	ug/L	20	20.3	101	68-122	
1,1-Dichloroethane	ug/L	20	20.1	100	70-125	
1,1-Dichloroethene	ug/L	20	21.3	106	69-142	
1,1-Dichloropropene	ug/L	20	21.0	105	67-129	
1,2,3-Trichlorobenzene	ug/L	20	20.6	103	60-132	
1,2,3-Trichloropropane	ug/L	20	20.2	101	65-120	
1,2,4-Trichlorobenzene	ug/L	20	19.8	99	62-127	
1,2,4-Trimethylbenzene	ug/L	20	22.1	110	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	18.7	93	55-118	
1,2-Dichlorobenzene	ug/L	20	21.7	108	71-118	
1,2-Dichloroethane	ug/L	20	19.3	96	63-131	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

LABORATORY CONTROL SAMPLE: 126070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	41.7	104	73-134	
1,2-Dichloropropane	ug/L	20	20.7	103	70-125	
1,3,5-Trimethylbenzene	ug/L	20	21.0	105	70-123	
1,3-Dichlorobenzene	ug/L	20	21.8	109	72-119	
1,3-Dichloropropane	ug/L	20	20.1	100	69-122	
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-116	
2,2-Dichloropropane	ug/L	20	21.6	108	52-149	
2-Butanone (MEK)	ug/L	40	43.3	108	45-155	
2-Chlorotoluene	ug/L	20	20.0	100	69-119	
2-Hexanone	ug/L	40	36.9	92	50-151	
4-Chlorotoluene	ug/L	20	22.0	110	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.8	94	61-145	
Acetone	ug/L	40	32.1	80	40-160	
Benzene	ug/L	20	20.0	100	66-123	
Bromobenzene	ug/L	20	21.4	107	68-118	
Bromochloromethane	ug/L	20	21.7	109	72-128	
Bromodichloromethane	ug/L	20	20.2	101	68-129	
Bromoform	ug/L	20	18.5	93	54-118	
Bromomethane	ug/L	20	18.4	92	43-151	
Carbon disulfide	ug/L	20	21.0	105	52-142	
Carbon tetrachloride	ug/L	20	21.3	107	67-135	
Chlorobenzene	ug/L	20	21.0	105	72-116	
Chloroethane	ug/L	20	17.2	86	48-139	
Chloroform	ug/L	20	18.6	93	71-124	
Chloromethane	ug/L	20	16.1	81	40-152	
cis-1,2-Dichloroethene	ug/L	20	21.1	106	74-133	
cis-1,3-Dichloropropene	ug/L	20	19.9	99	64-132	
Dibromochloromethane	ug/L	20	19.7	98	60-121	
Dibromomethane	ug/L	20	19.6	98	69-131	
Dichlorodifluoromethane	ug/L	20	16.0	80	40-160	
Ethylbenzene	ug/L	20	21.2	106	67-122	
Hexachloro-1,3-butadiene	ug/L	20	22.3	111	55-139	
Isopropylbenzene (Cumene)	ug/L	20	19.8	99	67-124	
m&p-Xylene	ug/L	40	43.5	109	66-122	
Methyl-tert-butyl ether	ug/L	20	21.0	105	65-138	
Methylene chloride	ug/L	20	19.7	98	58-137	
n-Butylbenzene	ug/L	20	20.7	104	68-129	
n-Propylbenzene	ug/L	20	21.8	109	66-126	
Naphthalene	ug/L	20	20.1	100	59-133	
o-Xylene	ug/L	20	19.9	99	69-123	
p-Isopropyltoluene	ug/L	20	22.2	111	69-127	
sec-Butylbenzene	ug/L	20	19.9	99	68-129	
Styrene	ug/L	20	20.3	102	72-125	
tert-Butylbenzene	ug/L	20	20.7	103	58-120	
Tetrachloroethene	ug/L	20	22.0	110	40-115	
Toluene	ug/L	20	19.6	98	64-118	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	70-134	
trans-1,3-Dichloropropene	ug/L	20	16.7	83	52-115	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

LABORATORY CONTROL SAMPLE: 126070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	20	20.9	105	69-125	
Trichlorofluoromethane	ug/L	20	20.3	102	57-155	
Vinyl chloride	ug/L	20	18.2	91	53-132	
Xylene (Total)	ug/L	60	63.4	106	68-122	
1,2-Dichloroethane-d4 (S)	%			91	72-127	
4-Bromofluorobenzene (S)	%			94	79-121	
Dibromofluoromethane (S)	%			99	81-119	
Toluene-d8 (S)	%			99	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126071 126072

Parameter	Units	2513178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.4	22.2	112	111	67-132	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.1	22.4	115	112	67-145	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	19.2	94	96	65-135	2	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.6	20.9	103	105	67-126	1	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.2	109	106	69-138	3	
1,1-Dichloroethene	ug/L	ND	20	20	24.0	23.4	120	117	68-160	2	
1,1-Dichloropropene	ug/L	ND	20	20	23.5	22.7	118	113	68-145	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.8	21.4	109	107	57-131	2	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.1	20.3	101	102	61-123	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	58-130	3	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	22.3	113	111	60-136	1	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.1	19.3	90	97	48-127	7	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.1	22.0	110	110	67-126	.2	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.1	101	100	60-138	.4	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	46.7	45.9	117	115	70-146	2	
1,2-Dichloropropane	ug/L	ND	20	20	21.9	21.3	110	107	67-138	3	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.4	107	107	64-135	.3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.5	22.5	112	113	69-128	.2	
1,3-Dichloropropane	ug/L	ND	20	20	20.4	20.2	102	101	65-128	1	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.5	21.2	108	106	66-124	1	
2,2-Dichloropropane	ug/L	ND	20	20	14.5	13.8	73	69	46-160	5	
2-Butanone (MEK)	ug/L	ND	40	40	44.7	42.9	112	107	40-140	4	
2-Chlorotoluene	ug/L	ND	20	20	20.7	20.6	103	103	67-129	.5	
2-Hexanone	ug/L	ND	40	40	39.1	38.7	98	97	42-141	1	
4-Chlorotoluene	ug/L	ND	20	20	22.9	22.8	115	114	67-133	.8	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.0	38.5	97	96	54-151	1	
Acetone	ug/L	ND	40	40	41.8	42.6	100	103	40-155	2	
Benzene	ug/L	ND	20	20	21.8	21.5	109	108	63-138	1	
Bromobenzene	ug/L	ND	20	20	22.0	21.8	110	109	64-127	.8	
Bromochloromethane	ug/L	ND	20	20	23.2	22.9	116	114	66-136	1	
Bromodichloromethane	ug/L	ND	20	20	21.4	20.9	107	105	65-138	2	
Bromoform	ug/L	ND	20	20	18.9	18.6	95	93	51-119	2	
Bromomethane	ug/L	ND	20	20	19.1	19.0	95	95	40-158	.3	
Carbon disulfide	ug/L	ND	20	20	24.3	23.3	121	117	56-158	4	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126071 126072

Parameter	Units	2513178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Carbon tetrachloride	ug/L	ND	20	20	24.1	23.5	121	117	66-152	3	
Chlorobenzene	ug/L	ND	20	20	22.3	21.9	112	109	68-128	2	
Chloroethane	ug/L	ND	20	20	18.5	18.4	93	92	49-154	.4	
Chloroform	ug/L	ND	20	20	20.0	19.6	99	97	69-137	2	
Chloromethane	ug/L	ND	20	20	17.4	17.5	87	87	40-160	.6	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.6	23.4	118	117	69-147	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.6	18.7	98	94	60-141	4	
Dibromochloromethane	ug/L	ND	20	20	19.9	20.0	99	100	56-125	.5	
Dibromomethane	ug/L	ND	20	20	21.1	20.4	106	102	63-137	3	
Dichlorodifluoromethane	ug/L	ND	20	20	17.4	17.8	87	89	40-160	2	
Ethylbenzene	ug/L	ND	20	20	22.8	22.2	114	111	65-135	3	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.6	22.1	113	110	50-149	2	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.4	21.0	107	105	64-137	2	
m&p-Xylene	ug/L		40	40	46.3	45.7	116	114	63-134	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.5	111	107	59-143	3	
Methylene chloride	ug/L	ND	20	20	19.8	19.6	99	98	52-133	.8	
n-Butylbenzene	ug/L	ND	20	20	21.1	20.3	106	101	65-143	4	
n-Propylbenzene	ug/L	ND	20	20	23.2	22.7	116	113	64-141	2	
Naphthalene	ug/L	ND	20	20	22.3	21.8	111	109	48-141	2	
o-Xylene	ug/L		20	20	21.3	20.8	107	104	68-131	2	
p-Isopropyltoluene	ug/L	ND	20	20	22.9	22.4	115	112	69-137	2	
sec-Butylbenzene	ug/L	ND	20	20	21.1	20.8	105	104	69-139	1	
Styrene	ug/L	ND	20	20	21.0	20.8	105	104	67-135	.7	
tert-Butylbenzene	ug/L	ND	20	20	21.9	21.5	110	107	61-129	2	
Tetrachloroethene	ug/L	ND	20	20	24.3	23.4	121	117	40-122	4	
Toluene	ug/L	ND	20	20	21.4	20.9	106	104	64-128	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.0	22.5	115	113	66-150	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.2	15.9	81	80	51-116	2	
Trichloroethene	ug/L	ND	20	20	23.1	22.4	116	112	68-135	3	
Trichlorofluoromethane	ug/L	3.6	20	20	25.7	25.8	110	111	54-160	.5	
Vinyl chloride	ug/L	ND	20	20	19.9	20.0	99	100	45-155	.8	
Xylene (Total)	ug/L	ND	60	60	67.6	66.5	113	111	65-133	2	
1,2-Dichloroethane-d4 (S)	%						90	96	72-127		
4-Bromofluorobenzene (S)	%						91	94	79-121		
Dibromofluoromethane (S)	%						100	99	81-119		
Toluene-d8 (S)	%						99	98	77-120		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126075 126076

Parameter	Units	2513178008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.8	22.8	114	114	67-132	.09	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.0	23.1	115	116	67-145	.7	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.5	19.2	97	96	65-135	1	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	21.2	106	106	67-126	.2	
1,1-Dichloroethane	ug/L	ND	20	20	21.8	21.8	109	109	69-138	.09	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126075 126076

Parameter	Units	2513178008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	20	20	24.0	24.6	120	123	68-160	3	
1,1-Dichloropropene	ug/L	ND	20	20	23.2	22.9	116	115	68-145	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.5	21.0	108	105	57-131	3	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	20.4	102	102	61-123	.2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.4	19.9	102	99	58-130	2	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.0	22.9	115	114	60-136	.6	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.9	18.5	95	92	48-127	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.3	22.6	112	113	67-126	1	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	19.9	100	100	60-138	.4	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	46.2	45.9	116	115	70-146	.7	
1,2-Dichloropropane	ug/L	ND	20	20	21.7	21.9	109	109	67-138	.8	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.2	22.1	111	110	64-135	.4	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.0	22.6	115	113	69-128	2	
1,3-Dichloropropane	ug/L	ND	20	20	20.5	20.9	102	104	65-128	2	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.7	21.8	109	109	66-124	.3	
2,2-Dichloropropane	ug/L	ND	20	20	13.7	13.6	68	68	46-160	.2	
2-Butanone (MEK)	ug/L	ND	40	40	41.3	41.4	103	103	40-140	.2	
2-Chlorotoluene	ug/L	ND	20	20	21.5	21.4	107	107	67-129	.5	
2-Hexanone	ug/L	ND	40	40	37.0	37.1	92	93	42-141	.4	
4-Chlorotoluene	ug/L	ND	20	20	23.3	23.2	117	116	67-133	.3	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.4	36.9	93	92	54-151	1	
Acetone	ug/L	ND	40	40	40.0	36.3	100	91	40-155	10	
Benzene	ug/L	ND	20	20	21.9	21.8	110	109	63-138	.5	
Bromobenzene	ug/L	ND	20	20	22.5	22.2	112	111	64-127	1	
Bromochloromethane	ug/L	ND	20	20	23.1	22.8	115	114	66-136	1	
Bromodichloromethane	ug/L	ND	20	20	21.1	20.9	105	104	65-138	1	
Bromoform	ug/L	ND	20	20	18.7	18.8	94	94	51-119	.3	
Bromomethane	ug/L	ND	20	20	19.2	19.8	96	99	40-158	3	
Carbon disulfide	ug/L	ND	20	20	23.5	23.6	117	118	56-158	.4	
Carbon tetrachloride	ug/L	ND	20	20	24.0	24.2	120	121	66-152	.6	
Chlorobenzene	ug/L	ND	20	20	22.4	22.5	112	113	68-128	.3	
Chloroethane	ug/L	ND	20	20	19.0	20.1	95	100	49-154	5	
Chloroform	ug/L	ND	20	20	20.1	20.1	100	99	69-137	.2	
Chloromethane	ug/L	ND	20	20	18.0	18.6	90	93	40-160	3	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.8	23.1	119	116	69-147	3	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.9	19.0	94	95	60-141	.6	
Dibromochloromethane	ug/L	ND	20	20	20.4	20.5	102	102	56-125	.4	
Dibromomethane	ug/L	ND	20	20	21.1	20.6	105	103	63-137	2	
Dichlorodifluoromethane	ug/L	ND	20	20	18.1	18.2	90	91	40-160	.9	
Ethylbenzene	ug/L	ND	20	20	22.8	23.1	114	115	65-135	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.0	23.5	110	118	50-149	7	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.2	21.6	106	108	64-137	2	
m&p-Xylene	ug/L		40	40	46.8	47.2	117	118	63-134	.8	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.3	21.6	106	108	59-143	1	
Methylene chloride	ug/L	ND	20	20	19.6	19.9	98	99	52-133	1	
n-Butylbenzene	ug/L	ND	20	20	21.2	21.3	106	107	65-143	.8	
n-Propylbenzene	ug/L	ND	20	20	23.3	23.5	116	117	64-141	1	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126075 126076

Parameter	Units	2513178008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Naphthalene	ug/L	ND	20	20	21.3	20.4	107	102	48-141	5	
o-Xylene	ug/L		20	20	21.3	21.5	107	108	68-131	.9	
p-Isopropyltoluene	ug/L	ND	20	20	23.5	23.4	117	117	69-137	.4	
sec-Butylbenzene	ug/L	ND	20	20	21.4	21.3	107	107	69-139	.3	
Styrene	ug/L	ND	20	20	21.1	20.7	106	104	67-135	2	
tert-Butylbenzene	ug/L	ND	20	20	22.2	22.3	111	111	61-129	.4	
Tetrachloroethene	ug/L	ND	20	20	24.0	24.0	120	120	40-122	.1	
Toluene	ug/L	ND	20	20	21.4	21.5	107	108	64-128	.7	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.4	22.7	112	114	66-150	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	15.3	15.9	77	80	51-116	4	
Trichloroethene	ug/L	ND	20	20	22.3	23.2	111	116	68-135	4	
Trichlorofluoromethane	ug/L	ND	20	20	22.7	23.7	114	118	54-160	4	
Vinyl chloride	ug/L	ND	20	20	20.8	21.0	104	105	45-155	1	
Xylene (Total)	ug/L	ND	60	60	68.1	68.7	114	114	65-133	.8	
1,2-Dichloroethane-d4 (S)	%						95	90	72-127		
4-Bromofluorobenzene (S)	%						93	94	79-121		
Dibromofluoromethane (S)	%						100	99	81-119		
Toluene-d8 (S)	%						99	99	77-120		

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

QC Batch: MSV/7545 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2513181004, 2513181005

METHOD BLANK: 126265 Matrix: Water
Associated Lab Samples: 2513181004, 2513181005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/07/12 14:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/07/12 14:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/07/12 14:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/07/12 14:50	
1,1-Dichloroethane	ug/L	ND	1.0	08/07/12 14:50	
1,1-Dichloroethene	ug/L	ND	1.0	08/07/12 14:50	
1,1-Dichloropropene	ug/L	ND	1.0	08/07/12 14:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/07/12 14:50	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/07/12 14:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/07/12 14:50	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/07/12 14:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	08/07/12 14:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/07/12 14:50	
1,2-Dichloroethane	ug/L	ND	1.0	08/07/12 14:50	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/07/12 14:50	
1,2-Dichloropropane	ug/L	ND	1.0	08/07/12 14:50	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/07/12 14:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/07/12 14:50	
1,3-Dichloropropane	ug/L	ND	1.0	08/07/12 14:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/07/12 14:50	
2,2-Dichloropropane	ug/L	ND	1.0	08/07/12 14:50	
2-Butanone (MEK)	ug/L	ND	5.0	08/07/12 14:50	
2-Chlorotoluene	ug/L	ND	1.0	08/07/12 14:50	
2-Hexanone	ug/L	ND	5.0	08/07/12 14:50	
4-Chlorotoluene	ug/L	ND	1.0	08/07/12 14:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	08/07/12 14:50	
Acetone	ug/L	5.1	5.0	08/07/12 14:50	
Benzene	ug/L	ND	1.0	08/07/12 14:50	
Bromobenzene	ug/L	ND	1.0	08/07/12 14:50	
Bromochloromethane	ug/L	ND	1.0	08/07/12 14:50	
Bromodichloromethane	ug/L	ND	1.0	08/07/12 14:50	
Bromoform	ug/L	ND	1.0	08/07/12 14:50	
Bromomethane	ug/L	ND	1.0	08/07/12 14:50	
Carbon disulfide	ug/L	ND	1.0	08/07/12 14:50	
Carbon tetrachloride	ug/L	ND	1.0	08/07/12 14:50	
Chlorobenzene	ug/L	ND	1.0	08/07/12 14:50	
Chloroethane	ug/L	ND	1.0	08/07/12 14:50	
Chloroform	ug/L	ND	1.0	08/07/12 14:50	
Chloromethane	ug/L	ND	1.0	08/07/12 14:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/07/12 14:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/07/12 14:50	
Dibromochloromethane	ug/L	ND	1.0	08/07/12 14:50	
Dibromomethane	ug/L	ND	1.0	08/07/12 14:50	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

METHOD BLANK: 126265 Matrix: Water

Associated Lab Samples: 2513181004, 2513181005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	08/07/12 14:50	
Ethylbenzene	ug/L	ND	1.0	08/07/12 14:50	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/07/12 14:50	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/07/12 14:50	
m&p-Xylene	ug/L	ND	2.0	08/07/12 14:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/07/12 14:50	
Methylene chloride	ug/L	ND	5.0	08/07/12 14:50	
n-Butylbenzene	ug/L	ND	1.0	08/07/12 14:50	
n-Propylbenzene	ug/L	ND	1.0	08/07/12 14:50	
Naphthalene	ug/L	ND	1.0	08/07/12 14:50	
o-Xylene	ug/L	ND	1.0	08/07/12 14:50	
p-Isopropyltoluene	ug/L	ND	1.0	08/07/12 14:50	
sec-Butylbenzene	ug/L	ND	1.0	08/07/12 14:50	
Styrene	ug/L	ND	1.0	08/07/12 14:50	
tert-Butylbenzene	ug/L	ND	1.0	08/07/12 14:50	
Tetrachloroethene	ug/L	ND	1.0	08/07/12 14:50	
Toluene	ug/L	ND	1.0	08/07/12 14:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/07/12 14:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/07/12 14:50	
Trichloroethene	ug/L	ND	1.0	08/07/12 14:50	
Trichlorofluoromethane	ug/L	ND	1.0	08/07/12 14:50	
Vinyl chloride	ug/L	ND	1.0	08/07/12 14:50	
Xylene (Total)	ug/L	ND	3.0	08/07/12 14:50	
1,2-Dichloroethane-d4 (S)	%	87	72-127	08/07/12 14:50	
4-Bromofluorobenzene (S)	%	101	79-121	08/07/12 14:50	
Dibromofluoromethane (S)	%	102	81-119	08/07/12 14:50	
Toluene-d8 (S)	%	105	77-120	08/07/12 14:50	

LABORATORY CONTROL SAMPLE: 126266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.1	106	70-122	
1,1,1-Trichloroethane	ug/L	20	19.2	96	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	17.4	87	62-133	
1,1,2-Trichloroethane	ug/L	20	18.9	95	68-122	
1,1-Dichloroethane	ug/L	20	16.7	83	70-125	
1,1-Dichloroethene	ug/L	20	19.9	99	69-142	
1,1-Dichloropropene	ug/L	20	18.5	92	67-129	
1,2,3-Trichlorobenzene	ug/L	20	16.5	82	60-132	
1,2,3-Trichloropropane	ug/L	20	19.3	97	65-120	
1,2,4-Trichlorobenzene	ug/L	20	16.6	83	62-127	
1,2,4-Trimethylbenzene	ug/L	20	20.0	100	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	17.4	87	55-118	
1,2-Dichlorobenzene	ug/L	20	20.7	103	71-118	
1,2-Dichloroethane	ug/L	20	16.8	84	63-131	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

LABORATORY CONTROL SAMPLE: 126266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	37.4	94	73-134	
1,2-Dichloropropane	ug/L	20	17.4	87	70-125	
1,3,5-Trimethylbenzene	ug/L	20	19.3	96	70-123	
1,3-Dichlorobenzene	ug/L	20	21.1	105	72-119	
1,3-Dichloropropane	ug/L	20	18.1	91	69-122	
1,4-Dichlorobenzene	ug/L	20	20.4	102	70-116	
2,2-Dichloropropane	ug/L	20	18.6	93	52-149	
2-Butanone (MEK)	ug/L	40	35.2	88	45-155	
2-Chlorotoluene	ug/L	20	18.5	92	69-119	
2-Hexanone	ug/L	40	27.1	68	50-151	
4-Chlorotoluene	ug/L	20	20.3	101	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	28.9	72	61-145	
Acetone	ug/L	40	32.9	82	40-160	
Benzene	ug/L	20	17.2	86	66-123	
Bromobenzene	ug/L	20	20.9	105	68-118	
Bromochloromethane	ug/L	20	21.2	106	72-128	
Bromodichloromethane	ug/L	20	17.9	90	68-129	
Bromoform	ug/L	20	20.6	103	54-118	
Bromomethane	ug/L	20	16.3	82	43-151	
Carbon disulfide	ug/L	20	18.8	94	52-142	
Carbon tetrachloride	ug/L	20	18.6	93	67-135	
Chlorobenzene	ug/L	20	20.0	100	72-116	
Chloroethane	ug/L	20	15.4	77	48-139	
Chloroform	ug/L	20	18.1	91	71-124	
Chloromethane	ug/L	20	14.7	74	40-152	
cis-1,2-Dichloroethene	ug/L	20	18.8	94	74-133	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	64-132	
Dibromochloromethane	ug/L	20	20.2	101	60-121	
Dibromomethane	ug/L	20	18.9	94	69-131	
Dichlorodifluoromethane	ug/L	20	17.2	86	40-160	
Ethylbenzene	ug/L	20	19.4	97	67-122	
Hexachloro-1,3-butadiene	ug/L	20	22.7	113	55-139	
Isopropylbenzene (Cumene)	ug/L	20	19.9	99	67-124	
m&p-Xylene	ug/L	40	39.7	99	66-122	
Methyl-tert-butyl ether	ug/L	20	17.4	87	65-138	
Methylene chloride	ug/L	20	18.8	94	58-137	
n-Butylbenzene	ug/L	20	18.4	92	68-129	
n-Propylbenzene	ug/L	20	18.7	93	66-126	
Naphthalene	ug/L	20	14.1	70	59-133	
o-Xylene	ug/L	20	19.5	98	69-123	
p-Isopropyltoluene	ug/L	20	21.3	107	69-127	
sec-Butylbenzene	ug/L	20	19.6	98	68-129	
Styrene	ug/L	20	18.3	92	72-125	
tert-Butylbenzene	ug/L	20	19.6	98	58-120	
Tetrachloroethene	ug/L	20	22.1	111	40-115	
Toluene	ug/L	20	18.4	92	64-118	
trans-1,2-Dichloroethene	ug/L	20	18.6	93	70-134	
trans-1,3-Dichloropropene	ug/L	20	15.6	78	52-115	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

LABORATORY CONTROL SAMPLE: 126266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	20	18.7	93	69-125	
Trichlorofluoromethane	ug/L	20	18.4	92	57-155	
Vinyl chloride	ug/L	20	15.2	76	53-132	
Xylene (Total)	ug/L	60	59.2	99	68-122	
1,2-Dichloroethane-d4 (S)	%			91	72-127	
4-Bromofluorobenzene (S)	%			87	79-121	
Dibromofluoromethane (S)	%			103	81-119	
Toluene-d8 (S)	%			99	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126319 126320

Parameter	Units	2513196002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.9	21.5	109	107	67-132	2	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.8	20.5	104	103	67-145	1	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.6	17.6	88	88	65-135	.1	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.7	18.9	99	95	67-126	4	
1,1-Dichloroethane	ug/L	ND	20	20	17.9	17.8	90	89	69-138	.8	
1,1-Dichloroethene	ug/L	ND	20	20	21.5	21.0	107	105	68-160	2	
1,1-Dichloropropene	ug/L	ND	20	20	19.9	19.1	100	95	68-145	5	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.8	20.4	99	102	57-131	3	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.4	19.2	97	96	61-123	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.5	19.4	98	97	58-130	.8	
1,2,4-Trimethylbenzene	ug/L	7.1	20	20	26.1	25.5	95	92	60-136	3	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.7	18.7	93	94	48-127	.4	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	106	104	67-126	2	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	17.7	90	89	60-138	2	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	39.4	39.2	99	98	70-146	.5	
1,2-Dichloropropane	ug/L	ND	20	20	17.9	17.7	90	89	67-138	1	
1,3,5-Trimethylbenzene	ug/L	3.3	20	20	22.4	21.5	96	91	64-135	4	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.4	20.7	107	104	69-128	3	
1,3-Dichloropropane	ug/L	ND	20	20	18.9	18.4	95	92	65-128	3	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.9	20.3	104	101	66-124	3	
2,2-Dichloropropane	ug/L	ND	20	20	17.7	17.1	89	85	46-160	4	
2-Butanone (MEK)	ug/L	ND	40	40	29.5	31.0	74	77	40-140	5	
2-Chlorotoluene	ug/L	ND	20	20	19.2	18.8	96	94	67-129	2	
2-Hexanone	ug/L	ND	40	40	27.2	27.3	68	68	42-141	.4	
4-Chlorotoluene	ug/L	ND	20	20	20.9	20.1	104	101	67-133	4	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	31.1	30.8	76	75	54-151	.7	
Acetone	ug/L	ND	40	40	27.9	26.7	70	67	40-155	5	
Benzene	ug/L	ND	20	20	17.8	17.7	89	88	63-138	.9	
Bromobenzene	ug/L	ND	20	20	21.2	20.9	106	105	64-127	1	
Bromochloromethane	ug/L	ND	20	20	21.2	21.0	106	105	66-136	1	
Bromodichloromethane	ug/L	ND	20	20	19.1	18.8	95	94	65-138	2	
Bromoform	ug/L	ND	20	20	21.5	21.2	108	106	51-119	1	
Bromomethane	ug/L	ND	20	20	16.0	16.8	80	84	40-158	5	
Carbon disulfide	ug/L	ND	20	20	20.0	18.7	100	93	56-158	7	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126319 126320

Parameter	Units	2513196002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Carbon tetrachloride	ug/L	ND	20	20	20.3	19.5	102	98	66-152	4	
Chlorobenzene	ug/L	ND	20	20	20.9	20.2	105	101	68-128	3	
Chloroethane	ug/L	ND	20	20	15.8	16.5	79	82	49-154	4	
Chloroform	ug/L	ND	20	20	19.2	19.1	96	95	69-137	.7	
Chloromethane	ug/L	ND	20	20	14.0	14.2	70	71	40-160	1	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.1	19.9	100	100	69-147	.8	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.0	19.4	100	97	60-141	3	
Dibromochloromethane	ug/L	ND	20	20	20.8	20.7	104	104	56-125	.09	
Dibromomethane	ug/L	ND	20	20	19.2	18.5	96	93	63-137	3	
Dichlorodifluoromethane	ug/L	ND	20	20	14.7	14.6	70	69	40-160	1	
Ethylbenzene	ug/L	ND	20	20	20.2	19.5	98	95	65-135	4	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.9	19.5	114	98	50-149	16	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.0	20.0	104	99	64-137	5	
m&p-Xylene	ug/L		40	40	41.8	39.6	100	95	63-134	5	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.2	88	86	59-143	2	
Methylene chloride	ug/L	ND	20	20	19.1	18.0	96	90	52-133	6	
n-Butylbenzene	ug/L	ND	20	20	20.1	18.1	97	87	65-143	11	
n-Propylbenzene	ug/L	ND	20	20	19.7	18.6	93	88	64-141	6	
Naphthalene	ug/L	5.9	20	20	17.6	19.0	59	66	48-141	8	
o-Xylene	ug/L		20	20	20.0	19.4	100	96	68-131	3	
p-Isopropyltoluene	ug/L	ND	20	20	21.7	20.2	108	100	69-137	7	
sec-Butylbenzene	ug/L	ND	20	20	20.2	19.0	101	95	69-139	6	
Styrene	ug/L	ND	20	20	19.2	18.7	96	94	67-135	2	
tert-Butylbenzene	ug/L	ND	20	20	19.8	19.3	99	96	61-129	3	
Tetrachloroethene	ug/L	ND	20	20	24.1	21.7	121	109	40-122	10	
Toluene	ug/L	ND	20	20	18.8	18.5	94	92	64-128	2	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.4	19.3	97	97	66-150	.1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	15.0	14.5	75	72	51-116	4	
Trichloroethene	ug/L	ND	20	20	19.9	19.3	100	96	68-135	3	
Trichlorofluoromethane	ug/L	ND	20	20	18.3	18.1	92	91	54-160	1	
Vinyl chloride	ug/L	ND	20	20	15.0	15.2	75	76	45-155	2	
Xylene (Total)	ug/L	ND	60	60	61.8	59.0	100	95	65-133	5	
1,2-Dichloroethane-d4 (S)	%						91	92	72-127		
4-Bromofluorobenzene (S)	%						88	88	79-121		
Dibromofluoromethane (S)	%						101	103	81-119		
Toluene-d8 (S)	%						98	99	77-120		

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALIFIERS

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER CHERRY CLEANERS
Pace Project No.: 2513181

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2513181001	**MW-2**	EPA 5030B/8260	MSV/7534		
2513181002	**MW-1**	EPA 5030B/8260	MSV/7534		
2513181003	**MW-1D**	EPA 5030B/8260	MSV/7534		
2513181004	**MW-7**	EPA 5030B/8260	MSV/7545		
2513181005	**Trip Blank**	EPA 5030B/8260	MSV/7545		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2513181

Page: of

1648926

Section A Required Client Information:

Company: ECC HORIZON
Address: 1101 ANDOVER PARK W
TUKWILA, WA 98188
Email To: esilver@ecchorizon.com
Phone: 206-518-6120 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ELISABETH SILVER
Copy To:
Purchase Order No.:
Project Name: FORMER CHERRY CLEANERS
Project Number: W-525106EC

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOC 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT				8/1/12	1545	3	3				X					X		
2	MW-1	WT				8/2/12	1000		3				X					X		
3	MW-1D	WT				8/2/12	1100		3				X					X		
4	MW-7	WT				8/2/12	1200	2	3				X					X		RGH
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	ROBERT HUEBNER / ECC	8/3/12	1215	Dan K Pace	8/3/12	1215				
	Dan K Pace	8/3/12	1245	[signature] / Pace	8/3/12	1245	5.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUEBNER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8/3/12

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Container Count

CLIENT: ECC Horizon

COC PAGE 1 of 1

COC ID# _____

2513181

Trip Blank(s) Provided? (Y) / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG				Comments
1	3																		
2	1																		
3	↓																		
4	2																		
5	↓																		Trip
6																			
7																			
8																			
9																			
10																			
11																			
12																			

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can

Sample Condition Upon Receipt

Pace Analytical

Client Name: ECC Horizon Project # 2513181

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other Bill

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other ____ Temp. Blank Yes ____ No ____

Thermometer Used 132013 or 101731962 or 226099 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 5.2 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 8/3/12 MD

Temp should be above freezing ≤ 6°C Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Follow Up / Hold Analysis Requested:	☐Yes ☑No ☐N/A	8.
Sufficient Volume:	☑Yes ☐No ☐N/A	9.
Correct Containers Used:	☑Yes ☐No ☐N/A	10.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	11.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	12.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: WT	☐Yes ☑No ☐N/A	13. Trip Blank not on CoC. (rec'd 1x VG9H)
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
Exceptions: VOA, coliform, TOC, O&G	☑Yes ☐No ☐N/A	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	15.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	16.
Trip Blanks Present:	☑Yes ☐No ☐N/A	17.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Creation Date: 7/23/12		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Elisabeth Date/Time: 8/3/12 1436

Comments/ Resolution: Emailed Elisabeth about trip blanks missing from COC

Project Manager Review: D Eagbrii **Date:**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Ely Bair - RE: Trip Blanks Former Cherry Cleaners

From: "Robert Huebner" <rhuebner@ecchorizon.com>
To: "'Ely Bair'" <Ely.Bair@pacelabs.com>
Date: 8/3/2012 2:43 PM
Subject: RE: Trip Blanks Former Cherry Cleaners

Ely:

Yes, let's stay consistent with previous sampling. Can you add that to the Chain and run for VOC 8260?

Thanks,

Rob

From: Ely Bair [mailto:Ely.Bair@pacelabs.com]
Sent: Friday, August 03, 2012 2:39 PM
To: rhuebner@ecchorizon.com
Subject: Fwd: Trip Blanks Former Cherry Cleaners

Hi Rob,

I see that Elisabeth is out today, was wondering if you could answer my question about the trip blanks for this project (see below).

Thanks!

D. Ely Bair
Project Manager
Pace Analytical Services - Seattle
Direct: 206-957-2430
Main Office: 206-767-5060
Fax: 206-767-5063
ely.bair@pacelabs.com
www.pacelabs.com

>>> Ely Bair 8/3/2012 2:36 PM >>>
Afternoon Elisabeth,

We received some samples in this morning for Project #W-52510EC Former Cherry Cleaners and the COC does not list trip blanks although we received them in the cooler. Did you want to add them to your sample list and

run VOC 8260?

Thanks!

D. Ely Bair
Project Manager
Pace Analytical Services - Seattle
Direct: 206-957-2430
Main Office: 206-767-5060
Fax: 206-767-5063
ely.bair@pacelabs.com
www.pacelabs.com

Please let us know how we are doing to better serve your project needs at:
http://www.pacelabs.com/about-us/customer-serivce-servey/survey.html

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

August 15, 2012

Elisabeth Silver
ECC Horizon
1101 Andover Park W.
Seattle, WA 98188

RE: Project: Former Cherry Cleaners
Pace Project No.: 2513163

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on August 01, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ely Bair

ely.bair@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

CERTIFICATIONS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Washington Certification IDs
940 South Harney Street, Seattle, WA 98108
Alaska CS Certification #: UST-025
Arizona Certification #: AZ0770
California Certification #: 01153CA
Florida/NELAP Certification #: E87617
Oregon Certification #: WA200007
Washington Certification #: C555

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

SAMPLE ANALYTE COUNT

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2513163015	**MW-3**	EPA 5030B/8260	LPM	70	PASI-S
2513163004	**MW-4**	EPA 5030B/8260	LPM	70	PASI-S
2513163012	**MW-5**	EPA 5030B/8260	LPM	70	PASI-S
2513163010	**MW-6**	EPA 5030B/8260	LPM	70	PASI-S
2513163003	**MW-8**	EPA 5030B/8260	LPM	70	PASI-S
2513163005	**MW-9**	EPA 5030B/8260	LPM	70	PASI-S
2513163006	**MW-10**	EPA 5030B/8260	LPM	70	PASI-S
2513163011	**MW-11**	EPA 5030B/8260	LPM	70	PASI-S
2513163002	**MW-12**	EPA 5030B/8260	LPM	70	PASI-S
2513163001	**MW-13**	EPA 5030B/8260	LPM	70	PASI-S
2513163009	**MW-14**	EPA 5030B/8260	LPM	70	PASI-S
2513163013	**MW-15**	EPA 5030B/8260	LPM	70	PASI-S
2513163008	**MW-16**	EPA 5030B/8260	LPM	70	PASI-S
2513163007	**MW-17**	EPA 5030B/8260	LPM	70	PASI-S
2513163014	**Trip Blank**	EPA 5030B/8260	LPM	70	PASI-S

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-3 **Lab ID: 2513163015** Collected: 08/01/12 14:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 08:49	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 08:49	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 08:49	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 08:49	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 08:49	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 08:49	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 08:49	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 08:49	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 08:49	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 08:49	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 08:49	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 08:49	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 08:49	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/07/12 08:49	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 08:49	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 08:49	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 08:49	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 08:49	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 08:49	594-20-7	
2-Butanone (MEK)	**20.7**	ug/L	5.0	1		08/07/12 08:49	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 08:49	95-49-8	
2-Hexanone	**12.3**	ug/L	5.0	1		08/07/12 08:49	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 08:49	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 08:49	108-10-1	
Acetone	**76.2**	ug/L	5.0	1		08/07/12 08:49	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 08:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 08:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 08:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 08:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 08:49	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/07/12 08:49	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 08:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 08:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 08:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 08:49	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		08/07/12 08:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 08:49	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 08:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 08:49	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 08:49	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 08:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 08:49	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 08:49	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 08:49	75-09-2	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-3 **Lab ID: 2513163015** Collected: 08/01/12 14:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Naphthalene	ND	ug/L	1.0	1		08/07/12 08:49	91-20-3	
Styrene	ND	ug/L	1.0	1		08/07/12 08:49	100-42-5	
Tetrachloroethene	**16.6**	ug/L	1.0	1		08/07/12 08:49	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 08:49	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/07/12 08:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 08:49	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 08:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 08:49	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 08:49	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 08:49	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 08:49	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 08:49	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 08:49	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 08:49	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 08:49	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 08:49	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	79-121	1		08/07/12 08:49	460-00-4	
Dibromofluoromethane (S)	97	%	81-119	1		08/07/12 08:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	72-127	1		08/07/12 08:49	17060-07-0	
Toluene-d8 (S)	97	%	77-120	1		08/07/12 08:49	2037-26-5	

Sample: MW-4 **Lab ID: 2513163004** Collected: 07/31/12 09:55 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 17:48	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 17:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 17:48	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 17:48	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 17:48	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:48	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:48	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:48	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 17:48	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:48	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 17:48	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:48	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 17:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 17:48	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:48	78-87-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-4 **Lab ID: 2513163004** Collected: 07/31/12 09:55 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:48	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:48	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:48	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:48	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 17:48	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 17:48	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 17:48	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 17:48	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 17:48	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 17:48	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 17:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 17:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 17:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 17:48	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 17:48	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 17:48	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 17:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 17:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 17:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 17:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 17:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 17:48	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 17:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 17:48	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 17:48	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 17:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 17:48	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 17:48	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 17:48	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 17:48	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 17:48	100-42-5	
Tetrachloroethene	**6.1**	ug/L	1.0	1		08/06/12 17:48	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 17:48	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 17:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 17:48	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 17:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 17:48	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:48	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:48	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 17:48	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 17:48	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 17:48	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	135-98-8	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-4 **Lab ID: 2513163004** Collected: 07/31/12 09:55 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:48	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:48	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:48	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	79-121	1		08/06/12 17:48	460-00-4	
Dibromofluoromethane (S)	99	%	81-119	1		08/06/12 17:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	72-127	1		08/06/12 17:48	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/06/12 17:48	2037-26-5	

Sample: MW-5 **Lab ID: 2513163012** Collected: 08/01/12 12:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 20:16	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 20:16	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 20:16	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 20:16	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 20:16	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 20:16	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 20:16	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 20:16	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 20:16	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 20:16	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 20:16	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 20:16	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 20:16	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 20:16	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 20:16	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 20:16	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 20:16	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 20:16	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 20:16	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 20:16	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 20:16	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 20:16	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 20:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 20:16	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 20:16	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 20:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 20:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 20:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 20:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 20:16	75-25-2	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-5 **Lab ID: 2513163012** Collected: 08/01/12 12:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Bromomethane	ND	ug/L	1.0	1		08/06/12 20:16	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 20:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 20:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 20:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 20:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 20:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 20:16	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 20:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 20:16	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 20:16	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 20:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 20:16	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 20:16	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 20:16	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 20:16	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 20:16	100-42-5	
Tetrachloroethene	**55.6**	ug/L	1.0	1		08/06/12 20:16	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 20:16	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 20:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 20:16	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 20:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 20:16	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 20:16	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 20:16	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 20:16	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 20:16	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 20:16	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 20:16	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 20:16	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 20:16	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	79-121	1		08/06/12 20:16	460-00-4	
Dibromofluoromethane (S)	100	%	81-119	1		08/06/12 20:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	72-127	1		08/06/12 20:16	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		08/06/12 20:16	2037-26-5	

Sample: MW-6 **Lab ID: 2513163010** Collected: 08/01/12 10:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:39	630-20-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-6 **Lab ID: 2513163010** Collected: 08/01/12 10:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:39	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:39	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:39	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:39	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:39	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:39	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:39	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 19:39	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:39	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 19:39	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:39	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:39	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 19:39	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:39	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:39	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:39	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:39	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:39	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 19:39	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:39	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 19:39	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 19:39	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 19:39	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 19:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 19:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 19:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 19:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 19:39	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 19:39	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 19:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 19:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 19:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 19:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 19:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 19:39	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 19:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 19:39	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 19:39	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 19:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 19:39	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 19:39	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 19:39	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 19:39	91-20-3	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-6 **Lab ID: 2513163010** Collected: 08/01/12 10:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Styrene	ND	ug/L	1.0	1		08/06/12 19:39	100-42-5	
Tetrachloroethene	**37.9**	ug/L	1.0	1		08/06/12 19:39	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 19:39	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 19:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 19:39	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 19:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 19:39	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:39	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:39	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 19:39	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 19:39	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 19:39	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:39	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:39	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:39	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	79-121	1		08/06/12 19:39	460-00-4	
Dibromofluoromethane (S)	100	%	81-119	1		08/06/12 19:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	72-127	1		08/06/12 19:39	17060-07-0	
Toluene-d8 (S)	100	%	77-120	1		08/06/12 19:39	2037-26-5	

Sample: MW-8 **Lab ID: 2513163003** Collected: 07/30/12 15:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 17:30	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 17:30	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 17:30	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 17:30	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 17:30	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:30	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:30	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:30	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 17:30	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:30	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 17:30	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:30	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 17:30	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 17:30	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:30	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	108-67-8	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-8 **Lab ID: 2513163003** Collected: 07/30/12 15:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:30	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:30	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:30	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:30	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 17:30	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 17:30	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 17:30	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 17:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 17:30	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 17:30	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 17:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 17:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 17:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 17:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 17:30	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 17:30	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 17:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 17:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 17:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 17:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 17:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 17:30	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 17:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 17:30	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 17:30	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 17:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 17:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 17:30	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 17:30	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 17:30	91-20-3	
Styrene	**1.7**	ug/L	1.0	1		08/06/12 17:30	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 17:30	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 17:30	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 17:30	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 17:30	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 17:30	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:30	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:30	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 17:30	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 17:30	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 17:30	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:30	98-06-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-8 **Lab ID: 2513163003** Collected: 07/30/12 15:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:30	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:30	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	79-121	1		08/06/12 17:30	460-00-4	
Dibromofluoromethane (S)	98	%	81-119	1		08/06/12 17:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	72-127	1		08/06/12 17:30	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/06/12 17:30	2037-26-5	

Sample: MW-9 **Lab ID: 2513163005** Collected: 07/31/12 11:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 18:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 18:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 18:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 18:07	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 18:07	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:07	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 18:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 18:07	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:07	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 18:07	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 18:07	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:07	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:07	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:07	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 18:07	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 18:07	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 18:07	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 18:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 18:07	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 18:07	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 18:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 18:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 18:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 18:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 18:07	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 18:07	74-83-9	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-9 **Lab ID: 2513163005** Collected: 07/31/12 11:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 18:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 18:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 18:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 18:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 18:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 18:07	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 18:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 18:07	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 18:07	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 18:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 18:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 18:07	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 18:07	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 18:07	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 18:07	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 18:07	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 18:07	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 18:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 18:07	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 18:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 18:07	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:07	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 18:07	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 18:07	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 18:07	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:07	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:07	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	79-121	1		08/06/12 18:07	460-00-4	
Dibromofluoromethane (S)	98	%	81-119	1		08/06/12 18:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	72-127	1		08/06/12 18:07	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/06/12 18:07	2037-26-5	

Sample: MW-10 **Lab ID: 2513163006** Collected: 07/31/12 12:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 18:26	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 18:26	71-55-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-10 **Lab ID: 2513163006** Collected: 07/31/12 12:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 18:26	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 18:26	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 18:26	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:26	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:26	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:26	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 18:26	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:26	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 18:26	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:26	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 18:26	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 18:26	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:26	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:26	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:26	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:26	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:26	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 18:26	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 18:26	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 18:26	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 18:26	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 18:26	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 18:26	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 18:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 18:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 18:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 18:26	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 18:26	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 18:26	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 18:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 18:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 18:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 18:26	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 18:26	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 18:26	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 18:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 18:26	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 18:26	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 18:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 18:26	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 18:26	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 18:26	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 18:26	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 18:26	100-42-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-10 **Lab ID: 2513163006** Collected: 07/31/12 12:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 18:26	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 18:26	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 18:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 18:26	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 18:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 18:26	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:26	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:26	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 18:26	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 18:26	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 18:26	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:26	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:26	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:26	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	79-121	1		08/06/12 18:26	460-00-4	
Dibromofluoromethane (S)	98	%	81-119	1		08/06/12 18:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	72-127	1		08/06/12 18:26	17060-07-0	
Toluene-d8 (S)	100	%	77-120	1		08/06/12 18:26	2037-26-5	

Sample: MW-11 **Lab ID: 2513163011** Collected: 08/01/12 10:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:57	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:57	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:57	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:57	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:57	75-34-3	
1,1-Dichloroethene	**1.6**	ug/L	1.0	1		08/06/12 19:57	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:57	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:57	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 19:57	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:57	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 19:57	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:57	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:57	107-06-2	
1,2-Dichloroethene (Total)	**3.6**	ug/L	2.0	1		08/06/12 19:57	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:57	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:57	541-73-1	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-11 **Lab ID: 2513163011** Collected: 08/01/12 10:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:57	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:57	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:57	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 19:57	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:57	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 19:57	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 19:57	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 19:57	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 19:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 19:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 19:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 19:57	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 19:57	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 19:57	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 19:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 19:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 19:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 19:57	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 19:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 19:57	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 19:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 19:57	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 19:57	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 19:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 19:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 19:57	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 19:57	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 19:57	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 19:57	100-42-5	
Tetrachloroethene	**1700**	ug/L	10.0	10		08/07/12 09:09	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 19:57	108-88-3	
Trichloroethene	**49.5**	ug/L	1.0	1		08/06/12 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 19:57	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 19:57	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 19:57	1330-20-7	
cis-1,2-Dichloroethene	**3.4**	ug/L	1.0	1		08/06/12 19:57	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:57	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 19:57	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 19:57	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 19:57	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:57	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:57	156-60-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-11 **Lab ID: 2513163011** Collected: 08/01/12 10:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:57	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	79-121	1		08/06/12 19:57	460-00-4	
Dibromofluoromethane (S)	99	%	81-119	1		08/06/12 19:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	72-127	1		08/06/12 19:57	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/06/12 19:57	2037-26-5	

Sample: MW-12 **Lab ID: 2513163002** Collected: 07/30/12 14:50 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 17:11	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 17:11	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 17:11	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 17:11	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 17:11	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:11	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:11	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:11	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 17:11	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:11	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 17:11	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:11	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 17:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 17:11	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:11	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:11	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:11	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 17:11	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 17:11	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 17:11	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 17:11	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 17:11	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 17:11	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 17:11	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 17:11	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 17:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 17:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 17:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 17:11	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 17:11	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 17:11	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 17:11	75-15-0	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-12 **Lab ID: 2513163002** Collected: 07/30/12 14:50 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 17:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 17:11	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 17:11	75-00-3	
Chloroform	**2.1**	ug/L	1.0	1		08/06/12 17:11	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 17:11	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 17:11	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 17:11	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 17:11	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 17:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 17:11	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 17:11	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 17:11	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 17:11	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 17:11	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 17:11	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 17:11	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 17:11	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 17:11	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 17:11	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:11	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:11	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 17:11	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 17:11	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 17:11	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 17:11	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 17:11	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 17:11	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	79-121	1		08/06/12 17:11	460-00-4	
Dibromofluoromethane (S)	99	%	81-119	1		08/06/12 17:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	72-127	1		08/06/12 17:11	17060-07-0	
Toluene-d8 (S)	101	%	77-120	1		08/06/12 17:11	2037-26-5	

Sample: MW-13 **Lab ID: 2513163001** Collected: 07/30/12 13:30 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 16:53	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 16:53	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 16:53	79-34-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-13 **Lab ID: 2513163001** Collected: 07/30/12 13:30 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 16:53	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 16:53	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 16:53	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 16:53	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 16:53	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 16:53	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 16:53	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 16:53	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 16:53	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 16:53	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 16:53	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 16:53	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 16:53	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 16:53	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 16:53	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 16:53	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 16:53	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 16:53	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 16:53	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 16:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 16:53	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 16:53	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 16:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 16:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 16:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 16:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 16:53	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 16:53	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 16:53	75-15-0	
Carbon tetrachloride	**1.4**	ug/L	1.0	1		08/06/12 16:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 16:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 16:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 16:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 16:53	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 16:53	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 16:53	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 16:53	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 16:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 16:53	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 16:53	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 16:53	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 16:53	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 16:53	100-42-5	
Tetrachloroethene	**110**	ug/L	1.0	1		08/06/12 16:53	127-18-4	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-13 **Lab ID: 2513163001** Collected: 07/30/12 13:30 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Toluene	ND	ug/L	1.0	1		08/06/12 16:53	108-88-3	
Trichloroethene	**1.5**	ug/L	1.0	1		08/06/12 16:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 16:53	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 16:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 16:53	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 16:53	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 16:53	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 16:53	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 16:53	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 16:53	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 16:53	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 16:53	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 16:53	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	79-121	1		08/06/12 16:53	460-00-4	
Dibromofluoromethane (S)	97	%	81-119	1		08/06/12 16:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	72-127	1		08/06/12 16:53	17060-07-0	
Toluene-d8 (S)	100	%	77-120	1		08/06/12 16:53	2037-26-5	

Sample: MW-14 **Lab ID: 2513163009** Collected: 07/31/12 16:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:21	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:21	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:21	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:21	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:21	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:21	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:21	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:21	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 19:21	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:21	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 19:21	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:21	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 19:21	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:21	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:21	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:21	142-28-9	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-14 **Lab ID: 2513163009** Collected: 07/31/12 16:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:21	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:21	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 19:21	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:21	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 19:21	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 19:21	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 19:21	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 19:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 19:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 19:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 19:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 19:21	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 19:21	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 19:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 19:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 19:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 19:21	75-00-3	
Chloroform	**2.5**	ug/L	1.0	1		08/06/12 19:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 19:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 19:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 19:21	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 19:21	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 19:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 19:21	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 19:21	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 19:21	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 19:21	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 19:21	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 19:21	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 19:21	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 19:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 19:21	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 19:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 19:21	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:21	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:21	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 19:21	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 19:21	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 19:21	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:21	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:21	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:21	10061-02-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-14 **Lab ID: 2513163009** Collected: 07/31/12 16:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Surrogates								
4-Bromofluorobenzene (S)	106	%	79-121	1		08/06/12 19:21	460-00-4	
Dibromofluoromethane (S)	100	%	81-119	1		08/06/12 19:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	72-127	1		08/06/12 19:21	17060-07-0	
Toluene-d8 (S)	102	%	77-120	1		08/06/12 19:21	2037-26-5	

Sample: MW-15 **Lab ID: 2513163013** Collected: 08/01/12 14:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 04:52	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/07/12 04:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/07/12 04:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/07/12 04:52	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/07/12 04:52	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/07/12 04:52	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/07/12 04:52	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 04:52	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/07/12 04:52	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/07/12 04:52	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/07/12 04:52	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 04:52	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/07/12 04:52	107-06-2	
1,2-Dichloroethene (Total)	**4.6**	ug/L	2.0	1		08/07/12 04:52	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 04:52	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 04:52	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/07/12 04:52	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/07/12 04:52	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/07/12 04:52	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/07/12 04:52	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 04:52	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/07/12 04:52	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/07/12 04:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/07/12 04:52	108-10-1	
Acetone	ND	ug/L	5.0	1		08/07/12 04:52	67-64-1	
Benzene	ND	ug/L	1.0	1		08/07/12 04:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/07/12 04:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/07/12 04:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/07/12 04:52	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/07/12 04:52	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/07/12 04:52	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/07/12 04:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/07/12 04:52	56-23-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-15 **Lab ID: 2513163013** Collected: 08/01/12 14:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Chlorobenzene	ND	ug/L	1.0	1		08/07/12 04:52	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/07/12 04:52	75-00-3	
Chloroform	**1.4**	ug/L	1.0	1		08/07/12 04:52	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/07/12 04:52	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/07/12 04:52	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/07/12 04:52	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/07/12 04:52	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/07/12 04:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/07/12 04:52	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/07/12 04:52	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/07/12 04:52	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/07/12 04:52	91-20-3	
Styrene	ND	ug/L	1.0	1		08/07/12 04:52	100-42-5	
Tetrachloroethene	**2760**	ug/L	25.0	25		08/07/12 09:29	127-18-4	
Toluene	ND	ug/L	1.0	1		08/07/12 04:52	108-88-3	
Trichloroethene	**36.4**	ug/L	1.0	1		08/07/12 04:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/07/12 04:52	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/07/12 04:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/07/12 04:52	1330-20-7	
cis-1,2-Dichloroethene	**4.5**	ug/L	1.0	1		08/07/12 04:52	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 04:52	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/07/12 04:52	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/07/12 04:52	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/07/12 04:52	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/07/12 04:52	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/07/12 04:52	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/07/12 04:52	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	79-121	1		08/07/12 04:52	460-00-4	
Dibromofluoromethane (S)	100	%	81-119	1		08/07/12 04:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	72-127	1		08/07/12 04:52	17060-07-0	
Toluene-d8 (S)	100	%	77-120	1		08/07/12 04:52	2037-26-5	

Sample: MW-16 **Lab ID: 2513163008** Collected: 07/31/12 14:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:02	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:02	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 19:02	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 19:02	79-00-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-16 **Lab ID: 2513163008** Collected: 07/31/12 14:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:02	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:02	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:02	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:02	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 19:02	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:02	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 19:02	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:02	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 19:02	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 19:02	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:02	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:02	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:02	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 19:02	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 19:02	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 19:02	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:02	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 19:02	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 19:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 19:02	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 19:02	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 19:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 19:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 19:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 19:02	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 19:02	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 19:02	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 19:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 19:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 19:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 19:02	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 19:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 19:02	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 19:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 19:02	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 19:02	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 19:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 19:02	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 19:02	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 19:02	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 19:02	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 19:02	100-42-5	
Tetrachloroethene	**9.4**	ug/L	1.0	1		08/06/12 19:02	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 19:02	108-88-3	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-16 **Lab ID: 2513163008** Collected: 07/31/12 14:45 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Trichloroethene	ND	ug/L	1.0	1		08/06/12 19:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 19:02	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 19:02	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 19:02	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:02	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:02	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 19:02	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 19:02	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 19:02	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 19:02	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 19:02	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 19:02	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	79-121	1		08/06/12 19:02	460-00-4	
Dibromofluoromethane (S)	102	%	81-119	1		08/06/12 19:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	72-127	1		08/06/12 19:02	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		08/06/12 19:02	2037-26-5	

Sample: MW-17 **Lab ID: 2513163007** Collected: 07/31/12 13:30 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 18:44	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 18:44	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 18:44	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 18:44	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 18:44	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:44	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:44	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:44	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 18:44	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:44	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 18:44	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:44	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 18:44	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 18:44	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:44	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:44	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:44	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 18:44	106-46-7	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-17 **Lab ID: 2513163007** Collected: 07/31/12 13:30 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 18:44	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 18:44	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 18:44	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 18:44	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 18:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 18:44	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 18:44	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 18:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 18:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 18:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 18:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 18:44	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 18:44	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 18:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 18:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 18:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 18:44	75-00-3	
Chloroform	**1.3**	ug/L	1.0	1		08/06/12 18:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 18:44	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 18:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 18:44	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 18:44	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 18:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 18:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 18:44	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 18:44	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 18:44	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 18:44	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 18:44	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 18:44	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 18:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 18:44	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 18:44	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 18:44	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:44	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:44	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 18:44	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 18:44	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 18:44	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 18:44	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 18:44	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 18:44	10061-02-6	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: MW-17 **Lab ID: 2513163007** Collected: 07/31/12 13:30 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Surrogates								
4-Bromofluorobenzene (S)	108	%	79-121	1		08/06/12 18:44	460-00-4	
Dibromofluoromethane (S)	101	%	81-119	1		08/06/12 18:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	72-127	1		08/06/12 18:44	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		08/06/12 18:44	2037-26-5	

Sample: Trip Blank **Lab ID: 2513163014** Collected: 07/30/12 00:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 14:45	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		08/06/12 14:45	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		08/06/12 14:45	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		08/06/12 14:45	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	1		08/06/12 14:45	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	1		08/06/12 14:45	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.0	1		08/06/12 14:45	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 14:45	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		08/06/12 14:45	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		08/06/12 14:45	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		08/06/12 14:45	96-12-8	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 14:45	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		08/06/12 14:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1		08/06/12 14:45	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 14:45	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 14:45	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.0	1		08/06/12 14:45	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		08/06/12 14:45	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.0	1		08/06/12 14:45	594-20-7	
2-Butanone (MEK)	ND	ug/L	5.0	1		08/06/12 14:45	78-93-3	
2-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 14:45	95-49-8	
2-Hexanone	ND	ug/L	5.0	1		08/06/12 14:45	591-78-6	
4-Chlorotoluene	ND	ug/L	1.0	1		08/06/12 14:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		08/06/12 14:45	108-10-1	
Acetone	ND	ug/L	5.0	1		08/06/12 14:45	67-64-1	
Benzene	ND	ug/L	1.0	1		08/06/12 14:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		08/06/12 14:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		08/06/12 14:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		08/06/12 14:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		08/06/12 14:45	75-25-2	
Bromomethane	ND	ug/L	1.0	1		08/06/12 14:45	74-83-9	
Carbon disulfide	ND	ug/L	1.0	1		08/06/12 14:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		08/06/12 14:45	56-23-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

ANALYTICAL RESULTS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Sample: Trip Blank **Lab ID: 2513163014** Collected: 07/30/12 00:00 Received: 08/01/12 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Chlorobenzene	ND	ug/L	1.0	1		08/06/12 14:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		08/06/12 14:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		08/06/12 14:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		08/06/12 14:45	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		08/06/12 14:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	1		08/06/12 14:45	74-95-3	
Dichlorodifluoromethane	ND	ug/L	1.0	1		08/06/12 14:45	75-71-8	
Ethylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		08/06/12 14:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		08/06/12 14:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		08/06/12 14:45	1634-04-4	
Methylene chloride	ND	ug/L	5.0	1		08/06/12 14:45	75-09-2	
Naphthalene	ND	ug/L	1.0	1		08/06/12 14:45	91-20-3	
Styrene	ND	ug/L	1.0	1		08/06/12 14:45	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	1		08/06/12 14:45	127-18-4	
Toluene	ND	ug/L	1.0	1		08/06/12 14:45	108-88-3	
Trichloroethene	ND	ug/L	1.0	1		08/06/12 14:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		08/06/12 14:45	75-69-4	
Vinyl chloride	ND	ug/L	1.0	1		08/06/12 14:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		08/06/12 14:45	1330-20-7	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 14:45	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 14:45	10061-01-5	
m&p-Xylene	ND	ug/L	2.0	1		08/06/12 14:45	179601-23-1	
n-Butylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	104-51-8	
n-Propylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	103-65-1	
o-Xylene	ND	ug/L	1.0	1		08/06/12 14:45	95-47-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		08/06/12 14:45	99-87-6	
sec-Butylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		08/06/12 14:45	98-06-6	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		08/06/12 14:45	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		08/06/12 14:45	10061-02-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	79-121	1		08/06/12 14:45	460-00-4	
Dibromofluoromethane (S)	99	%	81-119	1		08/06/12 14:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	72-127	1		08/06/12 14:45	17060-07-0	
Toluene-d8 (S)	99	%	77-120	1		08/06/12 14:45	2037-26-5	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

QC Batch: MSV/7533 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2513163001, 2513163002, 2513163003, 2513163004, 2513163005, 2513163006, 2513163007, 2513163008, 2513163009, 2513163010, 2513163011, 2513163012, 2513163014

METHOD BLANK: 126056 Matrix: Water
Associated Lab Samples: 2513163001, 2513163002, 2513163003, 2513163004, 2513163005, 2513163006, 2513163007, 2513163008, 2513163009, 2513163010, 2513163011, 2513163012, 2513163014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/06/12 12:18	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/06/12 12:18	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/06/12 12:18	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/06/12 12:18	
1,1-Dichloroethane	ug/L	ND	1.0	08/06/12 12:18	
1,1-Dichloroethene	ug/L	ND	1.0	08/06/12 12:18	
1,1-Dichloropropene	ug/L	ND	1.0	08/06/12 12:18	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/06/12 12:18	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/06/12 12:18	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/06/12 12:18	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/06/12 12:18	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	08/06/12 12:18	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/06/12 12:18	
1,2-Dichloroethane	ug/L	ND	1.0	08/06/12 12:18	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/06/12 12:18	
1,2-Dichloropropane	ug/L	ND	1.0	08/06/12 12:18	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/06/12 12:18	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/06/12 12:18	
1,3-Dichloropropane	ug/L	ND	1.0	08/06/12 12:18	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/06/12 12:18	
2,2-Dichloropropane	ug/L	ND	1.0	08/06/12 12:18	
2-Butanone (MEK)	ug/L	ND	5.0	08/06/12 12:18	
2-Chlorotoluene	ug/L	ND	1.0	08/06/12 12:18	
2-Hexanone	ug/L	ND	5.0	08/06/12 12:18	
4-Chlorotoluene	ug/L	ND	1.0	08/06/12 12:18	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	08/06/12 12:18	
Acetone	ug/L	ND	5.0	08/06/12 12:18	
Benzene	ug/L	ND	1.0	08/06/12 12:18	
Bromobenzene	ug/L	ND	1.0	08/06/12 12:18	
Bromochloromethane	ug/L	ND	1.0	08/06/12 12:18	
Bromodichloromethane	ug/L	ND	1.0	08/06/12 12:18	
Bromoform	ug/L	ND	1.0	08/06/12 12:18	
Bromomethane	ug/L	ND	1.0	08/06/12 12:18	
Carbon disulfide	ug/L	ND	1.0	08/06/12 12:18	
Carbon tetrachloride	ug/L	ND	1.0	08/06/12 12:18	
Chlorobenzene	ug/L	ND	1.0	08/06/12 12:18	
Chloroethane	ug/L	ND	1.0	08/06/12 12:18	
Chloroform	ug/L	ND	1.0	08/06/12 12:18	
Chloromethane	ug/L	ND	1.0	08/06/12 12:18	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/06/12 12:18	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/06/12 12:18	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

METHOD BLANK: 126056 Matrix: Water

Associated Lab Samples: 2513163001, 2513163002, 2513163003, 2513163004, 2513163005, 2513163006, 2513163007, 2513163008, 2513163009, 2513163010, 2513163011, 2513163012, 2513163014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	08/06/12 12:18	
Dibromomethane	ug/L	ND	1.0	08/06/12 12:18	
Dichlorodifluoromethane	ug/L	ND	1.0	08/06/12 12:18	
Ethylbenzene	ug/L	ND	1.0	08/06/12 12:18	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/06/12 12:18	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/06/12 12:18	
m&p-Xylene	ug/L	ND	2.0	08/06/12 12:18	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/06/12 12:18	
Methylene chloride	ug/L	ND	5.0	08/06/12 12:18	
n-Butylbenzene	ug/L	ND	1.0	08/06/12 12:18	
n-Propylbenzene	ug/L	ND	1.0	08/06/12 12:18	
Naphthalene	ug/L	ND	1.0	08/06/12 12:18	
o-Xylene	ug/L	ND	1.0	08/06/12 12:18	
p-Isopropyltoluene	ug/L	ND	1.0	08/06/12 12:18	
sec-Butylbenzene	ug/L	ND	1.0	08/06/12 12:18	
Styrene	ug/L	ND	1.0	08/06/12 12:18	
tert-Butylbenzene	ug/L	ND	1.0	08/06/12 12:18	
Tetrachloroethene	ug/L	ND	1.0	08/06/12 12:18	
Toluene	ug/L	ND	1.0	08/06/12 12:18	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/06/12 12:18	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/06/12 12:18	
Trichloroethene	ug/L	ND	1.0	08/06/12 12:18	
Trichlorofluoromethane	ug/L	ND	1.0	08/06/12 12:18	
Vinyl chloride	ug/L	ND	1.0	08/06/12 12:18	
Xylene (Total)	ug/L	ND	3.0	08/06/12 12:18	
1,2-Dichloroethane-d4 (S)	%	94	72-127	08/06/12 12:18	
4-Bromofluorobenzene (S)	%	103	79-121	08/06/12 12:18	
Dibromofluoromethane (S)	%	100	81-119	08/06/12 12:18	
Toluene-d8 (S)	%	101	77-120	08/06/12 12:18	

LABORATORY CONTROL SAMPLE & LCSD: 126057 126292

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	20.1	102	100	70-122	1	20	
1,1,1-Trichloroethane	ug/L	20	20.4	19.7	102	98	67-131	4	20	
1,1,2,2-Tetrachloroethane	ug/L	20	18.5	18.2	93	91	62-133	2	20	
1,1,2-Trichloroethane	ug/L	20	19.7	19.3	98	97	68-122	2	17	
1,1-Dichloroethane	ug/L	20	19.6	18.8	98	94	70-125	4	18	
1,1-Dichloroethene	ug/L	20	21.1	20.2	106	101	69-142	5	23	
1,1-Dichloropropene	ug/L	20	20.0	20.1	100	100	67-129	.3	18	
1,2,3-Trichlorobenzene	ug/L	20	19.7	19.1	98	95	60-132	3	29	
1,2,3-Trichloropropane	ug/L	20	19.9	19.3	100	96	65-120	3	21	
1,2,4-Trichlorobenzene	ug/L	20	19.0	18.1	95	90	62-127	5	25	
1,2,4-Trimethylbenzene	ug/L	20	22.3	20.8	111	104	71-122	7	21	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

LABORATORY CONTROL SAMPLE & LCSD: 126057 126292

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	20	17.9	17.2	90	86	55-118	4	25	
1,2-Dichlorobenzene	ug/L	20	21.2	20.3	106	102	71-118	4	18	
1,2-Dichloroethane	ug/L	20	18.9	18.5	95	92	63-131	2	19	
1,2-Dichloroethene (Total)	ug/L	40	41.8	39.5	105	99	73-134	6	19	
1,2-Dichloropropane	ug/L	20	19.9	19.4	100	97	70-125	3	16	
1,3,5-Trimethylbenzene	ug/L	20	21.2	19.6	106	98	70-123	8	22	
1,3-Dichlorobenzene	ug/L	20	21.5	20.4	107	102	72-119	5	17	
1,3-Dichloropropane	ug/L	20	19.5	19.0	97	95	69-122	3	18	
1,4-Dichlorobenzene	ug/L	20	20.4	19.2	102	96	70-116	6	17	
2,2-Dichloropropane	ug/L	20	22.8	21.3	114	106	52-149	7	22	
2-Butanone (MEK)	ug/L	40	43.7	42.8	109	107	45-155	2	26	
2-Chlorotoluene	ug/L	20	20.2	19.0	101	95	69-119	6	18	
2-Hexanone	ug/L	40	34.1	35.8	85	90	50-151	5	20	
4-Chlorotoluene	ug/L	20	21.8	20.7	109	103	70-122	5	18	
4-Methyl-2-pentanone (MIBK)	ug/L	40	35.4	37.0	88	93	61-145	4	21	
Acetone	ug/L	40	37.9	36.5	95	91	40-160	4	30	
Benzene	ug/L	20	19.4	18.7	97	94	66-123	4	20	
Bromobenzene	ug/L	20	21.0	20.2	105	101	68-118	4	18	
Bromochloromethane	ug/L	20	21.0	21.1	105	106	72-128	.6	20	
Bromodichloromethane	ug/L	20	19.2	18.8	96	94	68-129	2	19	
Bromoform	ug/L	20	17.1	17.1	86	85	54-118	.2	22	
Bromomethane	ug/L	20	18.7	18.1	94	90	43-151	4	30	
Carbon disulfide	ug/L	20	20.6	19.7	103	98	52-142	5	23	
Carbon tetrachloride	ug/L	20	20.8	19.9	104	100	67-135	4	21	
Chlorobenzene	ug/L	20	20.4	19.7	102	98	72-116	4	16	
Chloroethane	ug/L	20	17.1	16.6	86	83	48-139	3	27	
Chloroform	ug/L	20	18.0	17.7	90	88	71-124	2	17	
Chloromethane	ug/L	20	15.9	15.0	79	75	40-152	5	21	
cis-1,2-Dichloroethene	ug/L	20	21.3	20.1	107	100	74-133	6	17	
cis-1,3-Dichloropropene	ug/L	20	19.5	19.4	98	97	64-132	.8	20	
Dibromochloromethane	ug/L	20	18.6	18.4	93	92	60-121	1	19	
Dibromomethane	ug/L	20	19.6	18.9	98	94	69-131	4	20	
Dichlorodifluoromethane	ug/L	20	15.4	14.8	77	74	40-160	4	25	
Ethylbenzene	ug/L	20	20.5	19.7	103	99	67-122	4	21	
Hexachloro-1,3-butadiene	ug/L	20	22.8	20.9	114	104	55-139	9	23	
Isopropylbenzene (Cumene)	ug/L	20	19.4	18.6	97	93	67-124	5	23	
m&p-Xylene	ug/L	40	42.6	40.9	107	102	66-122	4	22	
Methyl-tert-butyl ether	ug/L	20	20.9	21.1	105	106	65-138	.9	23	
Methylene chloride	ug/L	20	18.8	18.4	94	92	58-137	2	20	
n-Butylbenzene	ug/L	20	20.6	19.4	103	97	68-129	6	19	
n-Propylbenzene	ug/L	20	22.0	20.3	110	102	66-126	8	22	
Naphthalene	ug/L	20	18.4	18.1	92	90	59-133	2	27	
o-Xylene	ug/L	20	19.3	18.6	96	93	69-123	4	21	
p-Isopropyltoluene	ug/L	20	22.7	20.8	114	104	69-127	9	19	
sec-Butylbenzene	ug/L	20	20.2	18.7	101	93	68-129	8	19	
Styrene	ug/L	20	20.0	19.0	100	95	72-125	5	17	
tert-Butylbenzene	ug/L	20	21.0	19.5	105	97	58-120	8	18	
Tetrachloroethene	ug/L	20	21.6	20.6	108	103	40-115	5	18	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

LABORATORY CONTROL SAMPLE & LCSD: 126057 126292

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene	ug/L	20	19.2	18.2	96	91	64-118	5	21	
trans-1,2-Dichloroethene	ug/L	20	20.5	19.5	102	97	70-134	5	19	
trans-1,3-Dichloropropene	ug/L	20	15.9	15.6	79	78	52-115	2	21	
Trichloroethene	ug/L	20	20.6	19.5	103	98	69-125	5	18	
Trichlorofluoromethane	ug/L	20	20.1	19.6	101	98	57-155	3	25	
Vinyl chloride	ug/L	20	17.9	17.2	90	86	53-132	4	27	
Xylene (Total)	ug/L	60	61.9	59.5	103	99	68-122	4	21	
1,2-Dichloroethane-d4 (S)	%				96	94	72-127			
4-Bromofluorobenzene (S)	%				97	96	79-121			
Dibromofluoromethane (S)	%				100	102	81-119			
Toluene-d8 (S)	%				99	97	77-120			

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

QC Batch: MSV/7534
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 2513163013, 2513163015

METHOD BLANK: 126069
Matrix: Water
Associated Lab Samples: 2513163013, 2513163015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1-Dichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,1-Dichloroethene	ug/L	ND	1.0	08/06/12 23:39	
1,1-Dichloropropene	ug/L	ND	1.0	08/06/12 23:39	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/06/12 23:39	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	08/06/12 23:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,2-Dichloroethane	ug/L	ND	1.0	08/06/12 23:39	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	08/06/12 23:39	
1,2-Dichloropropane	ug/L	ND	1.0	08/06/12 23:39	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	08/06/12 23:39	
1,3-Dichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
1,3-Dichloropropane	ug/L	ND	1.0	08/06/12 23:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
2,2-Dichloropropane	ug/L	ND	1.0	08/06/12 23:39	
2-Butanone (MEK)	ug/L	ND	5.0	08/06/12 23:39	
2-Chlorotoluene	ug/L	ND	1.0	08/06/12 23:39	
2-Hexanone	ug/L	ND	5.0	08/06/12 23:39	
4-Chlorotoluene	ug/L	ND	1.0	08/06/12 23:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	08/06/12 23:39	
Acetone	ug/L	ND	5.0	08/06/12 23:39	
Benzene	ug/L	ND	1.0	08/06/12 23:39	
Bromobenzene	ug/L	ND	1.0	08/06/12 23:39	
Bromochloromethane	ug/L	ND	1.0	08/06/12 23:39	
Bromodichloromethane	ug/L	ND	1.0	08/06/12 23:39	
Bromoform	ug/L	ND	1.0	08/06/12 23:39	
Bromomethane	ug/L	ND	1.0	08/06/12 23:39	
Carbon disulfide	ug/L	ND	1.0	08/06/12 23:39	
Carbon tetrachloride	ug/L	ND	1.0	08/06/12 23:39	
Chlorobenzene	ug/L	ND	1.0	08/06/12 23:39	
Chloroethane	ug/L	ND	1.0	08/06/12 23:39	
Chloroform	ug/L	ND	1.0	08/06/12 23:39	
Chloromethane	ug/L	ND	1.0	08/06/12 23:39	
cis-1,2-Dichloroethene	ug/L	ND	1.0	08/06/12 23:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/06/12 23:39	
Dibromochloromethane	ug/L	ND	1.0	08/06/12 23:39	
Dibromomethane	ug/L	ND	1.0	08/06/12 23:39	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

METHOD BLANK: 126069 Matrix: Water

Associated Lab Samples: 2513163013, 2513163015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	08/06/12 23:39	
Ethylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	08/06/12 23:39	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	08/06/12 23:39	
m&p-Xylene	ug/L	ND	2.0	08/06/12 23:39	
Methyl-tert-butyl ether	ug/L	ND	1.0	08/06/12 23:39	
Methylene chloride	ug/L	ND	5.0	08/06/12 23:39	
n-Butylbenzene	ug/L	ND	1.0	08/06/12 23:39	
n-Propylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Naphthalene	ug/L	ND	1.0	08/06/12 23:39	
o-Xylene	ug/L	ND	1.0	08/06/12 23:39	
p-Isopropyltoluene	ug/L	ND	1.0	08/06/12 23:39	
sec-Butylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Styrene	ug/L	ND	1.0	08/06/12 23:39	
tert-Butylbenzene	ug/L	ND	1.0	08/06/12 23:39	
Tetrachloroethene	ug/L	ND	1.0	08/06/12 23:39	
Toluene	ug/L	ND	1.0	08/06/12 23:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	08/06/12 23:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/06/12 23:39	
Trichloroethene	ug/L	ND	1.0	08/06/12 23:39	
Trichlorofluoromethane	ug/L	ND	1.0	08/06/12 23:39	
Vinyl chloride	ug/L	ND	1.0	08/06/12 23:39	
Xylene (Total)	ug/L	ND	3.0	08/06/12 23:39	
1,2-Dichloroethane-d4 (S)	%	98	72-127	08/06/12 23:39	
4-Bromofluorobenzene (S)	%	104	79-121	08/06/12 23:39	
Dibromofluoromethane (S)	%	101	81-119	08/06/12 23:39	
Toluene-d8 (S)	%	101	77-120	08/06/12 23:39	

LABORATORY CONTROL SAMPLE: 126070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.3	107	70-122	
1,1,1-Trichloroethane	ug/L	20	20.6	103	67-131	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	97	62-133	
1,1,2-Trichloroethane	ug/L	20	20.3	101	68-122	
1,1-Dichloroethane	ug/L	20	20.1	100	70-125	
1,1-Dichloroethene	ug/L	20	21.3	106	69-142	
1,1-Dichloropropene	ug/L	20	21.0	105	67-129	
1,2,3-Trichlorobenzene	ug/L	20	20.6	103	60-132	
1,2,3-Trichloropropane	ug/L	20	20.2	101	65-120	
1,2,4-Trichlorobenzene	ug/L	20	19.8	99	62-127	
1,2,4-Trimethylbenzene	ug/L	20	22.1	110	71-122	
1,2-Dibromo-3-chloropropane	ug/L	20	18.7	93	55-118	
1,2-Dichlorobenzene	ug/L	20	21.7	108	71-118	
1,2-Dichloroethane	ug/L	20	19.3	96	63-131	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

LABORATORY CONTROL SAMPLE: 126070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	41.7	104	73-134	
1,2-Dichloropropane	ug/L	20	20.7	103	70-125	
1,3,5-Trimethylbenzene	ug/L	20	21.0	105	70-123	
1,3-Dichlorobenzene	ug/L	20	21.8	109	72-119	
1,3-Dichloropropane	ug/L	20	20.1	100	69-122	
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-116	
2,2-Dichloropropane	ug/L	20	21.6	108	52-149	
2-Butanone (MEK)	ug/L	40	43.3	108	45-155	
2-Chlorotoluene	ug/L	20	20.0	100	69-119	
2-Hexanone	ug/L	40	36.9	92	50-151	
4-Chlorotoluene	ug/L	20	22.0	110	70-122	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.8	94	61-145	
Acetone	ug/L	40	32.1	80	40-160	
Benzene	ug/L	20	20.0	100	66-123	
Bromobenzene	ug/L	20	21.4	107	68-118	
Bromochloromethane	ug/L	20	21.7	109	72-128	
Bromodichloromethane	ug/L	20	20.2	101	68-129	
Bromoform	ug/L	20	18.5	93	54-118	
Bromomethane	ug/L	20	18.4	92	43-151	
Carbon disulfide	ug/L	20	21.0	105	52-142	
Carbon tetrachloride	ug/L	20	21.3	107	67-135	
Chlorobenzene	ug/L	20	21.0	105	72-116	
Chloroethane	ug/L	20	17.2	86	48-139	
Chloroform	ug/L	20	18.6	93	71-124	
Chloromethane	ug/L	20	16.1	81	40-152	
cis-1,2-Dichloroethene	ug/L	20	21.1	106	74-133	
cis-1,3-Dichloropropene	ug/L	20	19.9	99	64-132	
Dibromochloromethane	ug/L	20	19.7	98	60-121	
Dibromomethane	ug/L	20	19.6	98	69-131	
Dichlorodifluoromethane	ug/L	20	16.0	80	40-160	
Ethylbenzene	ug/L	20	21.2	106	67-122	
Hexachloro-1,3-butadiene	ug/L	20	22.3	111	55-139	
Isopropylbenzene (Cumene)	ug/L	20	19.8	99	67-124	
m&p-Xylene	ug/L	40	43.5	109	66-122	
Methyl-tert-butyl ether	ug/L	20	21.0	105	65-138	
Methylene chloride	ug/L	20	19.7	98	58-137	
n-Butylbenzene	ug/L	20	20.7	104	68-129	
n-Propylbenzene	ug/L	20	21.8	109	66-126	
Naphthalene	ug/L	20	20.1	100	59-133	
o-Xylene	ug/L	20	19.9	99	69-123	
p-Isopropyltoluene	ug/L	20	22.2	111	69-127	
sec-Butylbenzene	ug/L	20	19.9	99	68-129	
Styrene	ug/L	20	20.3	102	72-125	
tert-Butylbenzene	ug/L	20	20.7	103	58-120	
Tetrachloroethene	ug/L	20	22.0	110	40-115	
Toluene	ug/L	20	19.6	98	64-118	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	70-134	
trans-1,3-Dichloropropene	ug/L	20	16.7	83	52-115	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

LABORATORY CONTROL SAMPLE: 126070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	20	20.9	105	69-125	
Trichlorofluoromethane	ug/L	20	20.3	102	57-155	
Vinyl chloride	ug/L	20	18.2	91	53-132	
Xylene (Total)	ug/L	60	63.4	106	68-122	
1,2-Dichloroethane-d4 (S)	%			91	72-127	
4-Bromofluorobenzene (S)	%			94	79-121	
Dibromofluoromethane (S)	%			99	81-119	
Toluene-d8 (S)	%			99	77-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126071 126072

Parameter	Units	2513178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.4	22.2	112	111	67-132	1	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.1	22.4	115	112	67-145	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.8	19.2	94	96	65-135	2	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.6	20.9	103	105	67-126	1	
1,1-Dichloroethane	ug/L	ND	20	20	21.9	21.2	109	106	69-138	3	
1,1-Dichloroethene	ug/L	ND	20	20	24.0	23.4	120	117	68-160	2	
1,1-Dichloropropene	ug/L	ND	20	20	23.5	22.7	118	113	68-145	4	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.8	21.4	109	107	57-131	2	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.1	20.3	101	102	61-123	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	58-130	3	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	22.3	113	111	60-136	1	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.1	19.3	90	97	48-127	7	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.1	22.0	110	110	67-126	.2	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.1	101	100	60-138	.4	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	46.7	45.9	117	115	70-146	2	
1,2-Dichloropropane	ug/L	ND	20	20	21.9	21.3	110	107	67-138	3	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.4	107	107	64-135	.3	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.5	22.5	112	113	69-128	.2	
1,3-Dichloropropane	ug/L	ND	20	20	20.4	20.2	102	101	65-128	1	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.5	21.2	108	106	66-124	1	
2,2-Dichloropropane	ug/L	ND	20	20	14.5	13.8	73	69	46-160	5	
2-Butanone (MEK)	ug/L	ND	40	40	44.7	42.9	112	107	40-140	4	
2-Chlorotoluene	ug/L	ND	20	20	20.7	20.6	103	103	67-129	.5	
2-Hexanone	ug/L	ND	40	40	39.1	38.7	98	97	42-141	1	
4-Chlorotoluene	ug/L	ND	20	20	22.9	22.8	115	114	67-133	.8	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.0	38.5	97	96	54-151	1	
Acetone	ug/L	ND	40	40	41.8	42.6	100	103	40-155	2	
Benzene	ug/L	ND	20	20	21.8	21.5	109	108	63-138	1	
Bromobenzene	ug/L	ND	20	20	22.0	21.8	110	109	64-127	.8	
Bromochloromethane	ug/L	ND	20	20	23.2	22.9	116	114	66-136	1	
Bromodichloromethane	ug/L	ND	20	20	21.4	20.9	107	105	65-138	2	
Bromoform	ug/L	ND	20	20	18.9	18.6	95	93	51-119	2	
Bromomethane	ug/L	ND	20	20	19.1	19.0	95	95	40-158	.3	
Carbon disulfide	ug/L	ND	20	20	24.3	23.3	121	117	56-158	4	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126071 126072

Parameter	Units	2513178001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Carbon tetrachloride	ug/L	ND	20	20	24.1	23.5	121	117	66-152	3	
Chlorobenzene	ug/L	ND	20	20	22.3	21.9	112	109	68-128	2	
Chloroethane	ug/L	ND	20	20	18.5	18.4	93	92	49-154	.4	
Chloroform	ug/L	ND	20	20	20.0	19.6	99	97	69-137	2	
Chloromethane	ug/L	ND	20	20	17.4	17.5	87	87	40-160	.6	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.6	23.4	118	117	69-147	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.6	18.7	98	94	60-141	4	
Dibromochloromethane	ug/L	ND	20	20	19.9	20.0	99	100	56-125	.5	
Dibromomethane	ug/L	ND	20	20	21.1	20.4	106	102	63-137	3	
Dichlorodifluoromethane	ug/L	ND	20	20	17.4	17.8	87	89	40-160	2	
Ethylbenzene	ug/L	ND	20	20	22.8	22.2	114	111	65-135	3	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.6	22.1	113	110	50-149	2	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.4	21.0	107	105	64-137	2	
m&p-Xylene	ug/L		40	40	46.3	45.7	116	114	63-134	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	21.5	111	107	59-143	3	
Methylene chloride	ug/L	ND	20	20	19.8	19.6	99	98	52-133	.8	
n-Butylbenzene	ug/L	ND	20	20	21.1	20.3	106	101	65-143	4	
n-Propylbenzene	ug/L	ND	20	20	23.2	22.7	116	113	64-141	2	
Naphthalene	ug/L	ND	20	20	22.3	21.8	111	109	48-141	2	
o-Xylene	ug/L		20	20	21.3	20.8	107	104	68-131	2	
p-Isopropyltoluene	ug/L	ND	20	20	22.9	22.4	115	112	69-137	2	
sec-Butylbenzene	ug/L	ND	20	20	21.1	20.8	105	104	69-139	1	
Styrene	ug/L	ND	20	20	21.0	20.8	105	104	67-135	.7	
tert-Butylbenzene	ug/L	ND	20	20	21.9	21.5	110	107	61-129	2	
Tetrachloroethene	ug/L	ND	20	20	24.3	23.4	121	117	40-122	4	
Toluene	ug/L	ND	20	20	21.4	20.9	106	104	64-128	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.0	22.5	115	113	66-150	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.2	15.9	81	80	51-116	2	
Trichloroethene	ug/L	ND	20	20	23.1	22.4	116	112	68-135	3	
Trichlorofluoromethane	ug/L	3.6	20	20	25.7	25.8	110	111	54-160	.5	
Vinyl chloride	ug/L	ND	20	20	19.9	20.0	99	100	45-155	.8	
Xylene (Total)	ug/L	ND	60	60	67.6	66.5	113	111	65-133	2	
1,2-Dichloroethane-d4 (S)	%						90	96	72-127		
4-Bromofluorobenzene (S)	%						91	94	79-121		
Dibromofluoromethane (S)	%						100	99	81-119		
Toluene-d8 (S)	%						99	98	77-120		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126075 126076

Parameter	Units	2513178008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.8	22.8	114	114	67-132	.09	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.0	23.1	115	116	67-145	.7	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.5	19.2	97	96	65-135	1	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	21.2	106	106	67-126	.2	
1,1-Dichloroethane	ug/L	ND	20	20	21.8	21.8	109	109	69-138	.09	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126075 126076

Parameter	Units	2513178008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	20	20	24.0	24.6	120	123	68-160	3	
1,1-Dichloropropene	ug/L	ND	20	20	23.2	22.9	116	115	68-145	1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.5	21.0	108	105	57-131	3	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.5	20.4	102	102	61-123	.2	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.4	19.9	102	99	58-130	2	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.0	22.9	115	114	60-136	.6	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.9	18.5	95	92	48-127	2	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.3	22.6	112	113	67-126	1	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	19.9	100	100	60-138	.4	
1,2-Dichloroethene (Total)	ug/L	ND	40	40	46.2	45.9	116	115	70-146	.7	
1,2-Dichloropropane	ug/L	ND	20	20	21.7	21.9	109	109	67-138	.8	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.2	22.1	111	110	64-135	.4	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.0	22.6	115	113	69-128	2	
1,3-Dichloropropane	ug/L	ND	20	20	20.5	20.9	102	104	65-128	2	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.7	21.8	109	109	66-124	.3	
2,2-Dichloropropane	ug/L	ND	20	20	13.7	13.6	68	68	46-160	.2	
2-Butanone (MEK)	ug/L	ND	40	40	41.3	41.4	103	103	40-140	.2	
2-Chlorotoluene	ug/L	ND	20	20	21.5	21.4	107	107	67-129	.5	
2-Hexanone	ug/L	ND	40	40	37.0	37.1	92	93	42-141	.4	
4-Chlorotoluene	ug/L	ND	20	20	23.3	23.2	117	116	67-133	.3	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.4	36.9	93	92	54-151	1	
Acetone	ug/L	ND	40	40	40.0	36.3	100	91	40-155	10	
Benzene	ug/L	ND	20	20	21.9	21.8	110	109	63-138	.5	
Bromobenzene	ug/L	ND	20	20	22.5	22.2	112	111	64-127	1	
Bromochloromethane	ug/L	ND	20	20	23.1	22.8	115	114	66-136	1	
Bromodichloromethane	ug/L	ND	20	20	21.1	20.9	105	104	65-138	1	
Bromoform	ug/L	ND	20	20	18.7	18.8	94	94	51-119	.3	
Bromomethane	ug/L	ND	20	20	19.2	19.8	96	99	40-158	3	
Carbon disulfide	ug/L	ND	20	20	23.5	23.6	117	118	56-158	.4	
Carbon tetrachloride	ug/L	ND	20	20	24.0	24.2	120	121	66-152	.6	
Chlorobenzene	ug/L	ND	20	20	22.4	22.5	112	113	68-128	.3	
Chloroethane	ug/L	ND	20	20	19.0	20.1	95	100	49-154	5	
Chloroform	ug/L	ND	20	20	20.1	20.1	100	99	69-137	.2	
Chloromethane	ug/L	ND	20	20	18.0	18.6	90	93	40-160	3	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.8	23.1	119	116	69-147	3	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.9	19.0	94	95	60-141	.6	
Dibromochloromethane	ug/L	ND	20	20	20.4	20.5	102	102	56-125	.4	
Dibromomethane	ug/L	ND	20	20	21.1	20.6	105	103	63-137	2	
Dichlorodifluoromethane	ug/L	ND	20	20	18.1	18.2	90	91	40-160	.9	
Ethylbenzene	ug/L	ND	20	20	22.8	23.1	114	115	65-135	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.0	23.5	110	118	50-149	7	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.2	21.6	106	108	64-137	2	
m&p-Xylene	ug/L		40	40	46.8	47.2	117	118	63-134	.8	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.3	21.6	106	108	59-143	1	
Methylene chloride	ug/L	ND	20	20	19.6	19.9	98	99	52-133	1	
n-Butylbenzene	ug/L	ND	20	20	21.2	21.3	106	107	65-143	.8	
n-Propylbenzene	ug/L	ND	20	20	23.3	23.5	116	117	64-141	1	

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA

Project: Former Cherry Cleaners
Pace Project No.: 2513163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 126075 126076

Parameter	Units	2513178008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Naphthalene	ug/L	ND	20	20	21.3	20.4	107	102	48-141	5	
o-Xylene	ug/L		20	20	21.3	21.5	107	108	68-131	.9	
p-Isopropyltoluene	ug/L	ND	20	20	23.5	23.4	117	117	69-137	.4	
sec-Butylbenzene	ug/L	ND	20	20	21.4	21.3	107	107	69-139	.3	
Styrene	ug/L	ND	20	20	21.1	20.7	106	104	67-135	2	
tert-Butylbenzene	ug/L	ND	20	20	22.2	22.3	111	111	61-129	.4	
Tetrachloroethene	ug/L	ND	20	20	24.0	24.0	120	120	40-122	.1	
Toluene	ug/L	ND	20	20	21.4	21.5	107	108	64-128	.7	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.4	22.7	112	114	66-150	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	15.3	15.9	77	80	51-116	4	
Trichloroethene	ug/L	ND	20	20	22.3	23.2	111	116	68-135	4	
Trichlorofluoromethane	ug/L	ND	20	20	22.7	23.7	114	118	54-160	4	
Vinyl chloride	ug/L	ND	20	20	20.8	21.0	104	105	45-155	1	
Xylene (Total)	ug/L	ND	60	60	68.1	68.7	114	114	65-133	.8	
1,2-Dichloroethane-d4 (S)	%						95	90	72-127		
4-Bromofluorobenzene (S)	%						93	94	79-121		
Dibromofluoromethane (S)	%						100	99	81-119		
Toluene-d8 (S)	%						99	99	77-120		

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALIFIERS

Project: Former Cherry Cleaners
Pace Project No.: 2513163

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel Clean-Up

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

BATCH QUALIFIERS

Batch: MSV/7533

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Pace Analytical Services, Inc.
940 South Harney
Seattle, WA 98108
(206)767-5060

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Cherry Cleaners
Pace Project No.: 2513163

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2513163001	**MW-13**	EPA 5030B/8260	MSV/7533		
2513163002	**MW-12**	EPA 5030B/8260	MSV/7533		
2513163003	**MW-8**	EPA 5030B/8260	MSV/7533		
2513163004	**MW-4**	EPA 5030B/8260	MSV/7533		
2513163005	**MW-9**	EPA 5030B/8260	MSV/7533		
2513163006	**MW-10**	EPA 5030B/8260	MSV/7533		
2513163007	**MW-17**	EPA 5030B/8260	MSV/7533		
2513163008	**MW-16**	EPA 5030B/8260	MSV/7533		
2513163009	**MW-14**	EPA 5030B/8260	MSV/7533		
2513163010	**MW-6**	EPA 5030B/8260	MSV/7533		
2513163011	**MW-11**	EPA 5030B/8260	MSV/7533		
2513163012	**MW-5**	EPA 5030B/8260	MSV/7533		
2513163013	**MW-15**	EPA 5030B/8260	MSV/7534		
2513163014	**Trip Blank**	EPA 5030B/8260	MSV/7533		
2513163015	**MW-3**	EPA 5030B/8260	MSV/7534		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2513163

Page: 1 of 2

1648928

Section A Required Client Information:

Company: ECC HORIZON
Address: 1101 ANDOVER PARK W.
TUKWILA, WA 98188
Email To: esilver@ecchorizon.com
Phone: 206-518-6170 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ELISABETH SILVER
Copy To: AS ABOVE
Purchase Order No.:
Project Name: FORMER CHERRY CLEANERS
Project Number: W-S2510EC

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: 3050A/8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-13	WT				7/30/12	1330		3				X					X		
2	MW-12	WT				7/30/12	1450		3				X					X		
3	MW-8	WT				7/30/12	1545		3				X					X		
4	MW-4	WT				7/31/12	0955		3				X					X		
5	MW-9	WT				7/31/12	1100		3				X					X		
6	MW-10	WT				7/31/12	1200		3				X					X		
7	MW-17	WT				7/31/12	1330		3				X					X		
8	MW-16	WT				7/31/12	1445		3				X					X		
9	MW-14	WT				7/31/12	1600		3				X					X		
10	MW-6	WT				8/1/12	1000		3				X					X		
11	MW-11	WT				8/1/12	1045		3				X					X		
12	MW-5	WT				8/1/12	1200		3				X					X		

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	ROBERT HUETTNER / ECC HORIZON	8/1/12	1500	Buck Pace	8/1/12	1500				
	Buck Pace	8/1/12	1530	Colette Weaver / PACE	080112	1530	1.3	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUETTNER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8/1/12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2513163

Page: 2 of 2

1648927

Section A Required Client Information:

Company:	ECC Horizon
Address:	1101 Andover Pk W. Tukwila, WA 98188
Email To:	esilver@ecchorizon.com
Phone: 206-518-6129	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Elisabeth Silver
Copy To:	
Purchase Order No.:	
Project Name:	Former Cherry Cleaners
Project Number:	W-S2510EC

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information / SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260D/8260D w/ SIM	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-15	WT				8/1/12	1400		3				X					X	X		
2	TRIP BLANK	WT							1				X					X	X		
3	MW-3	WT				8/1/12	1445		3				X					X	X		
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Robert Huebner / ECC Horizon	8/1/12	1500	Bill K Pace	8/1/12	1500	
	Bill K	8/1/12	1530	Colette Weaver / PACE	080112	1530	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robert Huebner

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8/1/12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Container Count

2513163

CLIENT: ECC Horizon

COC PAGE 1 of 2
COC ID# 1648928

Trip Blank(s) Provided?
(Y) / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG				Comments
1	3																		
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12	3																		

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can

Sample Container Count

2513163

CLIENT: ECC Horizon

COC PAGE 2 of 2
COC ID# 1648927

Trip Blank(s) Provided?
(Y) / N

Sample Line Item	VG9H	AG1H	AG1U	BP1U	BP2U	BP3U	BP3N	BP3S	WGKU	WGFU	WG2U	DG9M	DG9B	VG9W	VSG				Comments
1	3																		
2	1																		
3	3																		
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

AG1H	1 liter HCL amber glass	BP2S	500mL H2SO4 plastic	JGFU	4 oz amber glass soil jar
AG1U	1liter unpreserved amber glass	BP2U	500mL unpreserved plastic	WGKU	8 oz clear glass soil jar
AG2S	500mL H2SO4 amber glass	BP2Z	500mL NaOH, Zn Ac	WGFU	4 oz clear glass soil jar
AG2U	500mL unpreserved amber glass	BP3C	250mL NaOH plastic	WG2U	2 oz clear glass soil jar
AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	JGFM	4 oz amber glass soil jar with MeOH
BG1H	1 liter HCL clear glass	BP3S	250mL H2SO4 plastic	VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass	BP3U	250mL unpreserved plastic	VG9W	40mL clear vial pre-weighted with DI water
BP1N	1 liter HNO3 plastic	DG9B	40mL Na Bisulfate clear vial	VSG	Headspace septa vial
BP1S	1 liter H2SO4 plastic	DG9H	40mL HCL amber voa vial	VG9H	40mL HCL clear vial
BP1U	1 liter unpreserved plastic	DG9M	40mL MeOH clear vial	WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac	DG9T	40mL Na Thio amber vial	VG9T	40mL Na Thio. clear vial
BP2N	500mL HNO3 plastic	DG9U	40mL unpreserved amber vial	ZPLC	Ziploc Bag
BP2O	500mL NaOH plastic	I	Wipe/Swab	U	Summa Can

Sample Condition Upon Receipt

Pace Analytical

Client Name: ECC Horizon Project # 2513163

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____ Temp. Blank Yes ✓ No _____

Thermometer Used: 132013 or 101731962 or 226099 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 1.3c Biological Tissue is Frozen: Yes No

Temp should be above freezing ≤ 6°C

Date and Initials of person examining contents: 080212 CW

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Follow Up / Hold Analysis Requested:	☐Yes	☑No	☐N/A	8.
Sufficient Volume:	☑Yes	☐No	☐N/A	9.
Correct Containers Used:	☑Yes	☐No	☐N/A	10.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	11.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	12.
Sample Labels match COC:	☑Yes	☐No	☐N/A	13.
-Includes date/time/ID/Analysis Matrix: WT				
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	
Exceptions: VOA, coliform, TOC, O&G	☑Yes	☐No	☐N/A	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	15.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	16.
Trip Blanks Present:	☑Yes	☐No	☐N/A	17.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Creation Date: 072312				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: DEClyBrin Date: 8/2/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

November 28, 2012

Elisabeth Silver
ECC Horizon
1101 Andover Park W.
Seattle, WA 98188

RE: Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Revised Report, REV-1 11/28/12. Per client request only samples MW-11 & MW-15 are reported down to the MDL for Carbon Tetrachloride, Vinyl Chloride and Dibromochloromethane.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross for
Dan Gossett
dan.gossett@pacelabs.com
Project Manager

Enclosures

cc: Accounts Payable, ECC Horizon

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10211888001	**MW-14**	Water	11/02/12 14:30	11/09/12 09:40
10211888002	**MW-8**	Water	11/02/12 15:30	11/09/12 09:40
10211888003	**MW-16**	Water	11/05/12 10:00	11/09/12 09:40
10211888004	**MW-10**	Water	11/05/12 10:30	11/09/12 09:40
10211888005	**MW-17**	Water	11/05/12 11:45	11/09/12 09:40
10211888006	**MW-9**	Water	11/05/12 13:00	11/09/12 09:40
10211888007	**MW-4**	Water	11/05/12 14:30	11/09/12 09:40
10211888008	**MW-5**	Water	11/05/12 16:00	11/09/12 09:40
10211888009	**MW-11**	Water	11/06/12 09:45	11/09/12 09:40
10211888010	**MW-6**	Water	11/06/12 10:30	11/09/12 09:40
10211888011	**MW-13**	Water	11/06/12 11:30	11/09/12 09:40
10211888012	**MW-12**	Water	11/06/12 13:00	11/09/12 09:40
10211888013	**MW-2**	Water	11/06/12 14:00	11/09/12 09:40
10211888014	**MW-3**	Water	11/06/12 15:00	11/09/12 09:40
10211888015	**MW-1**	Water	11/07/12 09:45	11/09/12 09:40
10211888016	**MW-1D**	Water	11/07/12 10:45	11/09/12 09:40
10211888017	**MW-7**	Water	11/07/12 11:30	11/09/12 09:40
10211888018	**MW-15**	Water	11/07/12 12:30	11/09/12 09:40
10211888019	**DUP-1**	Water	11/07/12 06:00	11/09/12 09:40
10211888020	**TRIP BLANK**	Water	11/07/12 00:00	11/09/12 09:40

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10211888001	**MW-14**	EPA 8260	DJT	11	PASI-M
10211888002	**MW-8**	EPA 8260	DJT	11	PASI-M
10211888003	**MW-16**	EPA 8260	DJT	11	PASI-M
10211888004	**MW-10**	EPA 8260	DJT	11	PASI-M
10211888005	**MW-17**	EPA 8260	DJT	11	PASI-M
10211888006	**MW-9**	EPA 8260	DJT	11	PASI-M
10211888007	**MW-4**	EPA 8260	DJT	11	PASI-M
10211888008	**MW-5**	EPA 8260	DJT	11	PASI-M
10211888009	**MW-11**	EPA 8260	DJT	11	PASI-M
10211888010	**MW-6**	EPA 8260	DJT	11	PASI-M
10211888011	**MW-13**	EPA 8260	DJT	11	PASI-M
10211888012	**MW-12**	EPA 8260	DJT	11	PASI-M
10211888013	**MW-2**	EPA 8260	DJT	11	PASI-M
10211888014	**MW-3**	EPA 8260	DJT	11	PASI-M
10211888015	**MW-1**	EPA 8260	DJT	11	PASI-M
10211888016	**MW-1D**	EPA 8260	DJT	11	PASI-M
10211888017	**MW-7**	EPA 8260	DJT	11	PASI-M
10211888018	**MW-15**	EPA 8260	DJT	11	PASI-M
10211888019	**DUP-1**	EPA 8260	DJT	11	PASI-M
10211888020	**TRIP BLANK**	EPA 8260	DJT	11	PASI-M

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-14 **Lab ID: 10211888001** Collected: 11/02/12 14:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 10:20	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 10:20	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 10:20	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 10:20	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	0.13	1		11/13/12 10:20	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 10:20	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 10:20	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 10:20	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 10:20	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 10:20	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 10:20	460-00-4	

Sample: MW-8 **Lab ID: 10211888002** Collected: 11/02/12 15:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 10:44	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 10:44	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 10:44	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 10:44	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	0.13	1		11/13/12 10:44	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 10:44	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 10:44	75-01-4	
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 10:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 10:44	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 10:44	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 10:44	460-00-4	

Sample: MW-16 **Lab ID: 10211888003** Collected: 11/05/12 10:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 14:48	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 14:48	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 14:48	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 14:48	156-59-2	
Tetrachloroethene	**14.0**	ug/L	1.0	0.13	1		11/13/12 14:48	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 14:48	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 14:48	75-01-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-16 **Lab ID: 10211888003** Collected: 11/05/12 10:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 14:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 14:48	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 14:48	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 14:48	460-00-4	

Sample: MW-10 **Lab ID: 10211888004** Collected: 11/05/12 10:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 12:22	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 12:22	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 12:22	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 12:22	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	0.13	1		11/13/12 12:22	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 12:22	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 12:22	75-01-4	
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 12:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	75-125		1		11/13/12 12:22	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 12:22	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		11/13/12 12:22	460-00-4	

Sample: MW-17 **Lab ID: 10211888005** Collected: 11/05/12 11:45 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 12:46	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 12:46	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 12:46	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 12:46	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	0.13	1		11/13/12 12:46	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 12:46	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 12:46	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 12:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 12:46	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		11/13/12 12:46	2037-26-5	
4-Bromofluorobenzene (S)	97	%	75-125		1		11/13/12 12:46	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-9 **Lab ID: 10211888006** Collected: 11/05/12 13:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 13:10	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 13:10	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 13:10	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 13:10	156-59-2	
Tetrachloroethene	**3.5**	ug/L	1.0	0.13	1		11/13/12 13:10	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 13:10	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 13:10	75-01-4	
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 13:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	75-125		1		11/13/12 13:10	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		11/13/12 13:10	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		11/13/12 13:10	460-00-4	

Sample: MW-4 **Lab ID: 10211888007** Collected: 11/05/12 14:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 13:35	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 13:35	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 13:35	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 13:35	156-59-2	
Tetrachloroethene	**6.1**	ug/L	1.0	0.13	1		11/13/12 13:35	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 13:35	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 13:35	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 13:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	75-125		1		11/13/12 13:35	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 13:35	2037-26-5	
4-Bromofluorobenzene (S)	97	%	75-125		1		11/13/12 13:35	460-00-4	

Sample: MW-5 **Lab ID: 10211888008** Collected: 11/05/12 16:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 13:59	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 13:59	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 13:59	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 13:59	156-59-2	
Tetrachloroethene	**73.2**	ug/L	1.0	0.13	1		11/13/12 13:59	127-18-4	
Trichloroethene	**1.1**	ug/L	1.0	0.083	1		11/13/12 13:59	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 13:59	75-01-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-5 **Lab ID: 10211888008** Collected: 11/05/12 16:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 13:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 13:59	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		11/13/12 13:59	2037-26-5	
4-Bromofluorobenzene (S)	97	%	75-125		1		11/13/12 13:59	460-00-4	

Sample: MW-11 **Lab ID: 10211888009** Collected: 11/06/12 09:45 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**<1.6**	ug/L	10.0	1.6	10		11/13/12 18:51	56-23-5	
Dibromochloromethane	**<1.0**	ug/L	10.0	1.0	10		11/13/12 18:51	124-48-1	
1,2-Dichloroethane	**<3.7**	ug/L	10.0	3.7	10		11/13/12 18:51	107-06-2	
cis-1,2-Dichloroethene	**1.5J**	ug/L	10.0	0.85	10		11/13/12 18:51	156-59-2	
Tetrachloroethene	**1520**	ug/L	10.0	1.3	10		11/13/12 18:51	127-18-4	
Trichloroethene	**55.5**	ug/L	10.0	0.83	10		11/13/12 18:51	79-01-6	
Vinyl chloride	**<1.6**	ug/L	4.0	1.6	10		11/13/12 18:51	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		10		11/13/12 18:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		10		11/13/12 18:51	17060-07-0	
Toluene-d8 (S)	98	%	75-125		10		11/13/12 18:51	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		10		11/13/12 18:51	460-00-4	

Sample: MW-6 **Lab ID: 10211888010** Collected: 11/06/12 10:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 14:23	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 14:23	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 14:23	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 14:23	156-59-2	
Tetrachloroethene	**30.7**	ug/L	1.0	0.13	1		11/13/12 14:23	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 14:23	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 14:23	75-01-4	
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 14:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 14:23	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 14:23	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 14:23	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-13 **Lab ID: 10211888011** Collected: 11/06/12 11:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**1.2**	ug/L	1.0	0.16	1		11/13/12 15:12	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 15:12	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 15:12	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 15:12	156-59-2	
Tetrachloroethene	**90.6**	ug/L	1.0	0.13	1		11/13/12 15:12	127-18-4	
Trichloroethene	**1.0**	ug/L	1.0	0.083	1		11/13/12 15:12	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 15:12	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 15:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 15:12	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 15:12	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 15:12	460-00-4	

Sample: MW-12 **Lab ID: 10211888012** Collected: 11/06/12 13:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 15:37	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 15:37	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 15:37	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 15:37	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	0.13	1		11/13/12 15:37	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 15:37	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 15:37	75-01-4	
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 15:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	75-125		1		11/13/12 15:37	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		11/13/12 15:37	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 15:37	460-00-4	

Sample: MW-2 **Lab ID: 10211888013** Collected: 11/06/12 14:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 16:49	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 16:49	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 16:49	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 16:49	156-59-2	
Tetrachloroethene	**13.0**	ug/L	1.0	0.13	1		11/13/12 16:49	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 16:49	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 16:49	75-01-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-2 **Lab ID: 10211888013** Collected: 11/06/12 14:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 16:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	75-125		1		11/13/12 16:49	17060-07-0	
Toluene-d8 (S)	100	%	75-125		1		11/13/12 16:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		11/13/12 16:49	460-00-4	

Sample: MW-3 **Lab ID: 10211888014** Collected: 11/06/12 15:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 16:01	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 16:01	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 16:01	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 16:01	156-59-2	
Tetrachloroethene	**21.8**	ug/L	1.0	0.13	1		11/13/12 16:01	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 16:01	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 16:01	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 16:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	75-125		1		11/13/12 16:01	17060-07-0	
Toluene-d8 (S)	95	%	75-125		1		11/13/12 16:01	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		11/13/12 16:01	460-00-4	

Sample: MW-1 **Lab ID: 10211888015** Collected: 11/07/12 09:45 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 17:14	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 17:14	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 17:14	107-06-2	
cis-1,2-Dichloroethene	**15.4**	ug/L	1.0	0.085	1		11/13/12 17:14	156-59-2	
Tetrachloroethene	**83.7**	ug/L	1.0	0.13	1		11/13/12 17:14	127-18-4	
Trichloroethene	**4.2**	ug/L	1.0	0.083	1		11/13/12 17:14	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 17:14	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 17:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	75-125		1		11/13/12 17:14	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 17:14	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 17:14	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-1D **Lab ID: 10211888016** Collected: 11/07/12 10:45 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 16:25	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 16:25	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 16:25	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 16:25	156-59-2	
Tetrachloroethene	**6.6**	ug/L	1.0	0.13	1		11/13/12 16:25	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 16:25	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 16:25	75-01-4	
Surrogates									
Dibromofluoromethane (S)	96	%	75-125		1		11/13/12 16:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		11/13/12 16:25	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		11/13/12 16:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		1		11/13/12 16:25	460-00-4	

Sample: MW-7 **Lab ID: 10211888017** Collected: 11/07/12 11:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 17:38	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 17:38	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 17:38	107-06-2	
cis-1,2-Dichloroethene	**28.5**	ug/L	1.0	0.085	1		11/13/12 17:38	156-59-2	
Tetrachloroethene	**115**	ug/L	1.0	0.13	1		11/13/12 17:38	127-18-4	
Trichloroethene	**5.7**	ug/L	1.0	0.083	1		11/13/12 17:38	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 17:38	75-01-4	
Surrogates									
Dibromofluoromethane (S)	94	%	75-125		1		11/13/12 17:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	94	%	75-125		1		11/13/12 17:38	17060-07-0	
Toluene-d8 (S)	89	%	75-125		1		11/13/12 17:38	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		11/13/12 17:38	460-00-4	

Sample: MW-15 **Lab ID: 10211888018** Collected: 11/07/12 12:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**<1.6**	ug/L	10.0	1.6	10		11/13/12 18:27	56-23-5	
Dibromochloromethane	**<1.0**	ug/L	10.0	1.0	10		11/13/12 18:27	124-48-1	
1,2-Dichloroethane	**<3.7**	ug/L	10.0	3.7	10		11/13/12 18:27	107-06-2	
cis-1,2-Dichloroethene	**2.9J**	ug/L	10.0	0.85	10		11/13/12 18:27	156-59-2	
Tetrachloroethene	**1820**	ug/L	10.0	1.3	10		11/13/12 18:27	127-18-4	
Trichloroethene	**28.5**	ug/L	10.0	0.83	10		11/13/12 18:27	79-01-6	
Vinyl chloride	**<1.6**	ug/L	4.0	1.6	10		11/13/12 18:27	75-01-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Sample: MW-15 **Lab ID: 10211888018** Collected: 11/07/12 12:30 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Dibromofluoromethane (S)	97	%	75-125		10		11/13/12 18:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	75-125		10		11/13/12 18:27	17060-07-0	
Toluene-d8 (S)	97	%	75-125		10		11/13/12 18:27	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125		10		11/13/12 18:27	460-00-4	

Sample: DUP-1 **Lab ID: 10211888019** Collected: 11/07/12 06:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	10.0	1.6	10		11/13/12 18:02	56-23-5	
Dibromochloromethane	ND	ug/L	10.0	1.0	10		11/13/12 18:02	124-48-1	
1,2-Dichloroethane	ND	ug/L	10.0	3.7	10		11/13/12 18:02	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	10.0	0.85	10		11/13/12 18:02	156-59-2	
Tetrachloroethene	**1850**	ug/L	10.0	1.3	10		11/13/12 18:02	127-18-4	
Trichloroethene	**28.1**	ug/L	10.0	0.83	10		11/13/12 18:02	79-01-6	
Vinyl chloride	ND	ug/L	4.0	1.6	10		11/13/12 18:02	75-01-4	
Surrogates									
Dibromofluoromethane (S)	97	%	75-125		10		11/13/12 18:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	75-125		10		11/13/12 18:02	17060-07-0	
Toluene-d8 (S)	97	%	75-125		10		11/13/12 18:02	2037-26-5	
4-Bromofluorobenzene (S)	97	%	75-125		10		11/13/12 18:02	460-00-4	

Sample: TRIP BLANK **Lab ID: 10211888020** Collected: 11/07/12 00:00 Received: 11/09/12 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	ND	ug/L	1.0	0.16	1		11/13/12 09:56	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	0.10	1		11/13/12 09:56	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	0.37	1		11/13/12 09:56	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.085	1		11/13/12 09:56	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	0.13	1		11/13/12 09:56	127-18-4	
Trichloroethene	ND	ug/L	1.0	0.083	1		11/13/12 09:56	79-01-6	
Vinyl chloride	ND	ug/L	0.40	0.16	1		11/13/12 09:56	75-01-4	
Surrogates									
Dibromofluoromethane (S)	95	%	75-125		1		11/13/12 09:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	75-125		1		11/13/12 09:56	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		11/13/12 09:56	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		11/13/12 09:56	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

QC Batch: MSV/22084 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10211888001, 10211888002, 10211888003, 10211888004, 10211888005, 10211888006, 10211888007, 10211888008, 10211888009, 10211888010, 10211888011, 10211888012, 10211888013, 10211888014, 10211888015, 10211888016, 10211888017, 10211888018, 10211888019, 10211888020

METHOD BLANK: 1332016 Matrix: Water
Associated Lab Samples: 10211888001, 10211888002, 10211888003, 10211888004, 10211888005, 10211888006, 10211888007, 10211888008, 10211888009, 10211888010, 10211888011, 10211888012, 10211888013, 10211888014, 10211888015, 10211888016, 10211888017, 10211888018, 10211888019, 10211888020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	11/13/12 09:31	
Carbon tetrachloride	ug/L	ND	1.0	11/13/12 09:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/13/12 09:31	
Dibromochloromethane	ug/L	ND	1.0	11/13/12 09:31	
Tetrachloroethene	ug/L	ND	1.0	11/13/12 09:31	
Trichloroethene	ug/L	ND	1.0	11/13/12 09:31	
Vinyl chloride	ug/L	ND	0.40	11/13/12 09:31	
1,2-Dichloroethane-d4 (S)	%	96	75-125	11/13/12 09:31	
4-Bromofluorobenzene (S)	%	98	75-125	11/13/12 09:31	
Dibromofluoromethane (S)	%	96	75-125	11/13/12 09:31	
Toluene-d8 (S)	%	98	75-125	11/13/12 09:31	

LABORATORY CONTROL SAMPLE: 1332017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	19.8	99	75-132	
Carbon tetrachloride	ug/L	20	19.5	98	73-132	
cis-1,2-Dichloroethene	ug/L	20	19.3	96	75-125	
Dibromochloromethane	ug/L	20	19.4	97	75-125	
Tetrachloroethene	ug/L	20	19.9	100	75-125	
Trichloroethene	ug/L	20	19.8	99	75-125	
Vinyl chloride	ug/L	20	21.4	107	75-150	
1,2-Dichloroethane-d4 (S)	%			97	75-125	
4-Bromofluorobenzene (S)	%			97	75-125	
Dibromofluoromethane (S)	%			96	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE SAMPLE: 1336030

Parameter	Units	10211888001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	21.8	109	75-139	
Carbon tetrachloride	ug/L	ND	20	23.4	117	75-150	
cis-1,2-Dichloroethene	ug/L	ND	20	22.0	110	75-139	
Dibromochloromethane	ug/L	ND	20	20.5	103	75-125	
Tetrachloroethene	ug/L	ND	20	23.8	119	75-138	
Trichloroethene	ug/L	ND	20	22.9	115	75-132	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

MATRIX SPIKE SAMPLE: 1336030

Parameter	Units	10211888001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	ND	20	22.6	113	75-150	
1,2-Dichloroethane-d4 (S)	%				99	75-125	
4-Bromofluorobenzene (S)	%				97	75-125	
Dibromofluoromethane (S)	%				98	75-125	
Toluene-d8 (S)	%				96	75-125	

SAMPLE DUPLICATE: 1336031

Parameter	Units	10211888002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	97	96	.2		
4-Bromofluorobenzene (S)	%	98	98	.2		
Dibromofluoromethane (S)	%	96	96	.06		
Toluene-d8 (S)	%	98	98	.3		

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: W-52510EC-I CHERRY CLEANERS
Pace Project No.: 10211888

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10211888001	**MW-14**	EPA 8260	MSV/22084		
10211888002	**MW-8**	EPA 8260	MSV/22084		
10211888003	**MW-16**	EPA 8260	MSV/22084		
10211888004	**MW-10**	EPA 8260	MSV/22084		
10211888005	**MW-17**	EPA 8260	MSV/22084		
10211888006	**MW-9**	EPA 8260	MSV/22084		
10211888007	**MW-4**	EPA 8260	MSV/22084		
10211888008	**MW-5**	EPA 8260	MSV/22084		
10211888009	**MW-11**	EPA 8260	MSV/22084		
10211888010	**MW-6**	EPA 8260	MSV/22084		
10211888011	**MW-13**	EPA 8260	MSV/22084		
10211888012	**MW-12**	EPA 8260	MSV/22084		
10211888013	**MW-2**	EPA 8260	MSV/22084		
10211888014	**MW-3**	EPA 8260	MSV/22084		
10211888015	**MW-1**	EPA 8260	MSV/22084		
10211888016	**MW-1D**	EPA 8260	MSV/22084		
10211888017	**MW-7**	EPA 8260	MSV/22084		
10211888018	**MW-15**	EPA 8260	MSV/22084		
10211888019	**DUP-1**	EPA 8260	MSV/22084		
10211888020	**TRIP BLANK**	EPA 8260	MSV/22084		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10711888 1120

Page: 1 of 2

1625873

Section A Required Client Information:

Company: ECC HORIZON
Address: 1101 ANDOVER PARK W. TUKWILA, WA 98188
Email To: esilver@ecchorizon.com
Phone: 206 518-6120 Fax: 206 518-6123
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ELISABETH SILVER
Copy To:
Purchase Order No.: 363
Project Name: CHERRY CLEANERS
Project Number: W-S2510EC-I

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER
Site Location STATE: WA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): VOC 8260 (SHORT LIST)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-14	WT		11/2/12	1430				3				X					X	X		001
2	MW-8	WT		11/2	1530				3				X					X	X		002
3	MW-16	WT		11/5	1000				3				X					X	X		MW-16 003
4	MW-10	WT		11/5	1030				3				X					X	X		004
5	MW-17	WT		11/5	1145				3				X					X	X		005
6	MW-9	WT		11/5	1300				3				X					X	X		006
7	MW-4	WT		11/5	1430				3				X					X	X		007
8	MW-5	WT		11/5	1600				3				X					X	X		008
9	MW-11	WT		11/6	0945				3				X					X	X		009
10	MW-6	WT		11/6	1030				3				X					X	X		010
11	MW-13	WT		11/6	1130				3				X					X	X		MW-13 011
12	MW-12	WT		11/6	1300				3				X					X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	ROBERT HUEBNER of ECC HORIZON	11/8/12	1100	BILL K PACE	11/8/12	1430
	BILL K PACE	11/8/12	1455	Josh Swan AFI/Pace	11/9/12	0940

SAMPLE CONDITIONS			
Temp In °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.8C	Y	Y	Y
1.1	Y	Y	Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: ROBERT HUEBNER
SIGNATURE of SAMPLER: RH Huebner
DATE Signed (MM/DD/YY): 11/8/12

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

1625873

Section A Required Client Information:

Company: ECC HORIZON
Address: 1101 ANDOVER PARK W.
TUKWILA, WA 98188
Email To: esilver@eechorizon.com
Phone: 206 518-6120 Fax: 206 518-6123
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ELISABETH SILVER
Copy To:
Purchase Order No.: 363
Project Name: CHERRY CLEANERS
Project Number: W-S2510EC-I

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

NPDES [X] GROUND WATER [ ] DRINKING WATER
UST [ ] RCRA [ ] OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N): Analysis Test (Y/N)	VOC 8260 (SHORT LIST)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-14	WT		11/2/12	1430				3				X					X	X		
2	MW-8	WT		11/2	1530				3				X					X	X		
3	MW-16	WT		11/5	1000				3				X					X	X		MW-16
4	MW-10	WT		11/5	1030				3				X					X	X		
5	MW-17	WT		11/5	1145				3				X					X	X		
6	MW-9	WT		11/5	1300				3				X					X	X		
7	MW-4	WT		11/5	1430				3				X					X	X		
8	MW-5	WT		11/5	1600				3				X					X	X		
9	MW-11	WT		11/6	0945				3				X					X	X		
10	MW-6	WT		11/6	1030				3				X					X	X		
11	MW-13	WT		11/6	1130				3				X					X	X		MW-13
12	MW-12	WT		11/6	1300				3				X					X	X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	ROBERT HUEBNER of ECC HORIZON	11/8/12	1100				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUEBNER

SIGNATURE of SAMPLER: Robert Huebner DATE Signed (MM/DD/YY): 11/8/12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

[illegible] presenting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1024 8888

Page: 2 of 2

1625868

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ECC HORIZON	Report To: ELISABETH SILVER	Attention:
Address: 1101 ANDOVER PARK W. TUKWILA, WA 98188	Copy To:	Company Name:
Email To: esilver@ecchorizon.com	Purchase Order No.: 363	Address:
Phone: 206-518-6120 Fax: 206-518-6123	Project Name: CHERRY CLEANERS	Pace Quote Reference:
Requested Due Date/TAT:	Project Number: W-S2510EC-I	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	Requested Analysis Filtered (Y/N): VOC 8260 (SHORT LIST)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT		11/6	1400				3				X					X	X		013
2	MW-3	WT		11/6	1500				3				X					X	X		014
3	MW-1	WT		11/7	0945				3				X					X	X		015
4	MW-1D	WT		11/7	1045				3				X					X	X		016
5	MW-7	WT		11/7	1130				3				X					X	X		017
6	MW-15	WT		11/7	1230				3				X					X	X		018
7	Dup-1	WT		11/7	0600				3				X					X	X		019
8	TRIP BLANK	WT							3				X					X	X		020
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	ROBERT HUEBNER of ECC HORIZON	11/8/12	1100				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUEBNER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/8/12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 22Aug2012 Page 1 of 1
	Document No.: F-MN-L-213-rev.04	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ECC Horizon

Project #: WO# : 10211888

10211888

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 7940 3804 7027

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☐ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermometer Used: ☑ 88BA912167504 ☐ 80512447 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 1.1 **Biological Tissue Frozen?** ☐ Yes ☐ No **Date and Initials of Person Examining Contents:** AF 11/9/12

Temp should be above freezing to 6°C

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11.
Sample Labels Match COC? 11/9/12	☑ Yes	☐ No	☐ N/A	12.
-Includes Date/Time/ID/Analysis Matrix: AF1 AR WT				
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☐ Yes	☐ No		Initial when completed: AF1 Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☑ No	☐ N/A	14.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if purchased): Not PTB				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: **Date:**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

February 22, 2013

Elisabeth Silver
ECC Horizon
1101 Andover Park W.
Seattle, WA 98188

RE: Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Dear Elisabeth Silver:
Enclosed are the analytical results for sample(s) received by the laboratory on February 08, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross

jennifer.gross@pacelabs.com
Project Manager

Enclosures

cc: Accounts Payable, ECC Horizon

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10219700001	**MW-5**	Water	02/04/13 14:30	02/08/13 10:50
10219700002	**MW-8**	Water	02/04/13 16:00	02/08/13 10:50
10219700003	**MW-9**	Water	02/05/13 10:00	02/08/13 10:50
10219700004	**MW-16**	Water	02/05/13 11:00	02/08/13 10:50
10219700005	**MW-10**	Water	02/05/13 12:30	02/08/13 10:50
10219700006	**MW-17**	Water	02/05/13 13:30	02/08/13 10:50
10219700007	**MW-14**	Water	02/05/13 15:00	02/08/13 10:50
10219700008	**MW-4**	Water	02/05/13 16:00	02/08/13 10:50
10219700009	**MW-6**	Water	02/06/13 09:30	02/08/13 10:50
10219700010	**MW-11**	Water	02/06/13 10:30	02/08/13 10:50
10219700011	**MW-12**	Water	02/06/13 11:30	02/08/13 10:50
10219700012	**MW-13**	Water	02/06/13 13:00	02/08/13 10:50
10219700013	**MW-15**	Water	02/06/13 14:00	02/08/13 10:50
10219700014	**MW-2**	Water	02/06/13 15:30	02/08/13 10:50
10219700015	**MW-3**	Water	02/07/13 10:30	02/08/13 10:50
10219700016	**MW-1**	Water	02/07/13 12:00	02/08/13 10:50
10219700017	**MW-7**	Water	02/07/13 13:00	02/08/13 10:50
10219700018	**MW-1D**	Water	02/07/13 14:00	02/08/13 10:50
10219700019	**Trip Blank**	Water	02/07/13 00:00	02/08/13 10:50

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10219700001	MW-5	EPA 8260	SE	11	PASI-M
10219700002	MW-8	EPA 8260	SE	11	PASI-M
10219700003	MW-9	EPA 8260	SE	11	PASI-M
10219700004	MW-16	EPA 8260	SE	11	PASI-M
10219700005	MW-10	EPA 8260	SE	11	PASI-M
10219700006	MW-17	EPA 8260	SE	11	PASI-M
10219700007	MW-14	EPA 8260	SE	11	PASI-M
10219700008	MW-4	EPA 8260	SE	11	PASI-M
10219700009	MW-6	EPA 8260	SE	11	PASI-M
10219700010	MW-11	EPA 8260	SE	11	PASI-M
10219700011	MW-12	EPA 8260	SE	11	PASI-M
10219700012	MW-13	EPA 8260	SE	11	PASI-M
10219700013	MW-15	EPA 8260	DJT	11	PASI-M
10219700014	MW-2	EPA 8260	SE	11	PASI-M
10219700015	MW-3	EPA 8260	SE	11	PASI-M
10219700016	MW-1	EPA 8260	SE	11	PASI-M
10219700017	MW-7	EPA 8260	SE	11	PASI-M
10219700018	MW-1D	EPA 8260	SE	11	PASI-M
10219700019	Trip Blank	EPA 8260	DJT	11	PASI-M

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-5 **Lab ID: 10219700001** Collected: 02/04/13 14:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 17:18	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 17:18	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 17:18	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 17:18	156-59-2	
Tetrachloroethene	**27.5**	ug/L	1.0	1		02/11/13 17:18	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 17:18	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 17:18	75-01-4	
Surrogates								
Dibromofluoromethane (S)	104	%	75-125	1		02/11/13 17:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	75-125	1		02/11/13 17:18	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 17:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	1		02/11/13 17:18	460-00-4	

Sample: MW-8 **Lab ID: 10219700002** Collected: 02/04/13 16:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 16:57	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 16:57	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 16:57	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 16:57	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		02/11/13 16:57	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 16:57	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 16:57	75-01-4	
Surrogates								
Dibromofluoromethane (S)	103	%	75-125	1		02/11/13 16:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	75-125	1		02/11/13 16:57	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		02/11/13 16:57	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		02/11/13 16:57	460-00-4	

Sample: MW-9 **Lab ID: 10219700003** Collected: 02/05/13 10:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 18:20	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 18:20	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 18:20	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 18:20	156-59-2	
Tetrachloroethene	**9.6**	ug/L	1.0	1		02/11/13 18:20	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 18:20	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 18:20	75-01-4	
Surrogates								
Dibromofluoromethane (S)	104	%	75-125	1		02/11/13 18:20	1868-53-7	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-9 **Lab ID: 10219700003** Collected: 02/05/13 10:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	75-125	1		02/11/13 18:20	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 18:20	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	1		02/11/13 18:20	460-00-4	

Sample: MW-16 **Lab ID: 10219700004** Collected: 02/05/13 11:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 18:40	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 18:40	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 18:40	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 18:40	156-59-2	
Tetrachloroethene	**13.3**	ug/L	1.0	1		02/11/13 18:40	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 18:40	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 18:40	75-01-4	
Surrogates								
Dibromofluoromethane (S)	105	%	75-125	1		02/11/13 18:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	75-125	1		02/11/13 18:40	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 18:40	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 18:40	460-00-4	

Sample: MW-10 **Lab ID: 10219700005** Collected: 02/05/13 12:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 19:01	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 19:01	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 19:01	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 19:01	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		02/11/13 19:01	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 19:01	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 19:01	75-01-4	
Surrogates								
Dibromofluoromethane (S)	106	%	75-125	1		02/11/13 19:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	75-125	1		02/11/13 19:01	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 19:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	1		02/11/13 19:01	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-17 **Lab ID: 10219700006** Collected: 02/05/13 13:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 19:21	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 19:21	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 19:21	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 19:21	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		02/11/13 19:21	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 19:21	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 19:21	75-01-4	
Surrogates								
Dibromofluoromethane (S)	107	%	75-125	1		02/11/13 19:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	75-125	1		02/11/13 19:21	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 19:21	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 19:21	460-00-4	

Sample: MW-14 **Lab ID: 10219700007** Collected: 02/05/13 15:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 19:42	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 19:42	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 19:42	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 19:42	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		02/11/13 19:42	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 19:42	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 19:42	75-01-4	
Surrogates								
Dibromofluoromethane (S)	106	%	75-125	1		02/11/13 19:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	75-125	1		02/11/13 19:42	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 19:42	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125	1		02/11/13 19:42	460-00-4	

Sample: MW-4 **Lab ID: 10219700008** Collected: 02/05/13 16:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 20:02	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 20:02	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 20:02	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 20:02	156-59-2	
Tetrachloroethene	**5.1**	ug/L	1.0	1		02/11/13 20:02	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 20:02	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 20:02	75-01-4	
Surrogates								
Dibromofluoromethane (S)	107	%	75-125	1		02/11/13 20:02	1868-53-7	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-4 **Lab ID: 10219700008** Collected: 02/05/13 16:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	75-125	1		02/11/13 20:02	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		02/11/13 20:02	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 20:02	460-00-4	

Sample: MW-6 **Lab ID: 10219700009** Collected: 02/06/13 09:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 20:23	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 20:23	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 20:23	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 20:23	156-59-2	
Tetrachloroethene	**47.5**	ug/L	1.0	1		02/11/13 20:23	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 20:23	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 20:23	75-01-4	
Surrogates								
Dibromofluoromethane (S)	107	%	75-125	1		02/11/13 20:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	75-125	1		02/11/13 20:23	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 20:23	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125	1		02/11/13 20:23	460-00-4	

Sample: MW-11 **Lab ID: 10219700010** Collected: 02/06/13 10:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	5.0	5		02/12/13 12:51	56-23-5	
Dibromochloromethane	ND	ug/L	5.0	5		02/12/13 12:51	124-48-1	
1,2-Dichloroethane	ND	ug/L	5.0	5		02/12/13 12:51	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	5.0	5		02/12/13 12:51	156-59-2	
Tetrachloroethene	**319**	ug/L	5.0	5		02/12/13 12:51	127-18-4	M1
Trichloroethene	**13.1**	ug/L	5.0	5		02/12/13 12:51	79-01-6	
Vinyl chloride	ND	ug/L	2.0	5		02/12/13 12:51	75-01-4	
Surrogates								
Dibromofluoromethane (S)	108	%	75-125	5		02/12/13 12:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	75-125	5		02/12/13 12:51	17060-07-0	
Toluene-d8 (S)	98	%	75-125	5		02/12/13 12:51	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	5		02/12/13 12:51	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-12 **Lab ID: 10219700011** Collected: 02/06/13 11:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 20:43	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 20:43	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 20:43	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 20:43	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		02/11/13 20:43	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 20:43	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 20:43	75-01-4	
Surrogates								
Dibromofluoromethane (S)	108	%	75-125	1		02/11/13 20:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	75-125	1		02/11/13 20:43	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 20:43	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125	1		02/11/13 20:43	460-00-4	

Sample: MW-13 **Lab ID: 10219700012** Collected: 02/06/13 13:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	**1.5**	ug/L	1.0	1		02/11/13 21:04	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 21:04	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 21:04	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 21:04	156-59-2	
Tetrachloroethene	**92.4**	ug/L	1.0	1		02/11/13 21:04	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 21:04	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 21:04	75-01-4	
Surrogates								
Dibromofluoromethane (S)	109	%	75-125	1		02/11/13 21:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	75-125	1		02/11/13 21:04	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 21:04	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 21:04	460-00-4	

Sample: MW-15 **Lab ID: 10219700013** Collected: 02/06/13 14:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/14/13 15:13	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/14/13 15:13	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/14/13 15:13	107-06-2	
cis-1,2-Dichloroethene	**2.7**	ug/L	1.0	1		02/14/13 15:13	156-59-2	
Tetrachloroethene	**1500**	ug/L	10.0	10		02/19/13 17:07	127-18-4	
Trichloroethene	**31.0**	ug/L	1.0	1		02/14/13 15:13	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/14/13 15:13	75-01-4	
Surrogates								
Dibromofluoromethane (S)	101	%	75-125	1		02/14/13 15:13	1868-53-7	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-15 **Lab ID: 10219700013** Collected: 02/06/13 14:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	75-125	1		02/14/13 15:13	17060-07-0	
Toluene-d8 (S)	98	%	75-125	1		02/14/13 15:13	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		02/14/13 15:13	460-00-4	

Sample: MW-2 **Lab ID: 10219700014** Collected: 02/06/13 15:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 22:26	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 22:26	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 22:26	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 22:26	156-59-2	
Tetrachloroethene	**23.1**	ug/L	1.0	1		02/11/13 22:26	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 22:26	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 22:26	75-01-4	
Surrogates								
Dibromofluoromethane (S)	107	%	75-125	1		02/11/13 22:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	75-125	1		02/11/13 22:26	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		02/11/13 22:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 22:26	460-00-4	

Sample: MW-3 **Lab ID: 10219700015** Collected: 02/07/13 10:30 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 21:25	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 21:25	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 21:25	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/11/13 21:25	156-59-2	
Tetrachloroethene	**22.3**	ug/L	1.0	1		02/11/13 21:25	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/11/13 21:25	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 21:25	75-01-4	
Surrogates								
Dibromofluoromethane (S)	107	%	75-125	1		02/11/13 21:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	75-125	1		02/11/13 21:25	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/11/13 21:25	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 21:25	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-1 **Lab ID: 10219700016** Collected: 02/07/13 12:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 21:45	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 21:45	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 21:45	107-06-2	
cis-1,2-Dichloroethene	**19.8**	ug/L	1.0	1		02/11/13 21:45	156-59-2	
Tetrachloroethene	**136**	ug/L	1.0	1		02/11/13 21:45	127-18-4	
Trichloroethene	**6.8**	ug/L	1.0	1		02/11/13 21:45	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 21:45	75-01-4	
Surrogates								
Dibromofluoromethane (S)	106	%	75-125	1		02/11/13 21:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	75-125	1		02/11/13 21:45	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		02/11/13 21:45	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125	1		02/11/13 21:45	460-00-4	

Sample: MW-7 **Lab ID: 10219700017** Collected: 02/07/13 13:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/11/13 22:06	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/11/13 22:06	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/11/13 22:06	107-06-2	
cis-1,2-Dichloroethene	**37.5**	ug/L	1.0	1		02/11/13 22:06	156-59-2	
Tetrachloroethene	**133**	ug/L	1.0	1		02/11/13 22:06	127-18-4	
Trichloroethene	**6.5**	ug/L	1.0	1		02/11/13 22:06	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/11/13 22:06	75-01-4	
Surrogates								
Dibromofluoromethane (S)	107	%	75-125	1		02/11/13 22:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	75-125	1		02/11/13 22:06	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		02/11/13 22:06	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125	1		02/11/13 22:06	460-00-4	

Sample: MW-1D **Lab ID: 10219700018** Collected: 02/07/13 14:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/12/13 14:14	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/12/13 14:14	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/12/13 14:14	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/12/13 14:14	156-59-2	
Tetrachloroethene	**3.2**	ug/L	1.0	1		02/12/13 14:14	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/12/13 14:14	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/12/13 14:14	75-01-4	
Surrogates								
Dibromofluoromethane (S)	108	%	75-125	1		02/12/13 14:14	1868-53-7	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Sample: MW-1D **Lab ID: 10219700018** Collected: 02/07/13 14:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	75-125	1		02/12/13 14:14	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		02/12/13 14:14	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		02/12/13 14:14	460-00-4	

Sample: Trip Blank **Lab ID: 10219700019** Collected: 02/07/13 00:00 Received: 02/08/13 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		02/14/13 12:36	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		02/14/13 12:36	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/14/13 12:36	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/14/13 12:36	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		02/14/13 12:36	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		02/14/13 12:36	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		02/14/13 12:36	75-01-4	
Surrogates								
Dibromofluoromethane (S)	101	%	75-125	1		02/14/13 12:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	75-125	1		02/14/13 12:36	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		02/14/13 12:36	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		02/14/13 12:36	460-00-4	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

QC Batch: MSV/22846 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10219700001, 10219700002, 10219700003, 10219700004, 10219700005, 10219700006, 10219700007, 10219700008, 10219700009, 10219700011, 10219700012, 10219700014, 10219700015, 10219700016, 10219700017

METHOD BLANK: 1376105 Matrix: Water
Associated Lab Samples: 10219700001, 10219700002, 10219700003, 10219700004, 10219700005, 10219700006, 10219700007, 10219700008, 10219700009, 10219700011, 10219700012, 10219700014, 10219700015, 10219700016, 10219700017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	02/11/13 15:50	
Carbon tetrachloride	ug/L	ND	1.0	02/11/13 15:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/11/13 15:50	
Dibromochloromethane	ug/L	ND	1.0	02/11/13 15:50	
Tetrachloroethene	ug/L	ND	1.0	02/11/13 15:50	
Trichloroethene	ug/L	ND	1.0	02/11/13 15:50	
Vinyl chloride	ug/L	ND	0.40	02/11/13 15:50	
1,2-Dichloroethane-d4 (S)	%	102	75-125	02/11/13 15:50	
4-Bromofluorobenzene (S)	%	101	75-125	02/11/13 15:50	
Dibromofluoromethane (S)	%	102	75-125	02/11/13 15:50	
Toluene-d8 (S)	%	101	75-125	02/11/13 15:50	

LABORATORY CONTROL SAMPLE: 1376106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	20.2	101	74-125	
Carbon tetrachloride	ug/L	20	21.3	107	74-127	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	75-125	
Dibromochloromethane	ug/L	20	21.1	106	75-125	
Tetrachloroethene	ug/L	20	21.0	105	75-125	
Trichloroethene	ug/L	20	21.3	107	75-125	
Vinyl chloride	ug/L	20	20.0	100	70-128	
1,2-Dichloroethane-d4 (S)	%			99	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Dibromofluoromethane (S)	%			100	75-125	
Toluene-d8 (S)	%			102	75-125	

MATRIX SPIKE SAMPLE: 1376129

Parameter	Units	10219700001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	21.0	105	74-128	
Carbon tetrachloride	ug/L	ND	20	23.2	115	75-137	
cis-1,2-Dichloroethene	ug/L	ND	20	22.2	111	75-129	
Dibromochloromethane	ug/L	ND	20	21.6	108	75-125	
Tetrachloroethene	ug/L	27.5	20	49.8	111	75-130	
Trichloroethene	ug/L	ND	20	23.1	113	75-129	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

MATRIX SPIKE SAMPLE: 1376129

Parameter	Units	10219700001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	ND	20	22.4	112	75-147	
1,2-Dichloroethane-d4 (S)	%				100	75-125	
4-Bromofluorobenzene (S)	%				101	75-125	
Dibromofluoromethane (S)	%				101	75-125	
Toluene-d8 (S)	%				99	75-125	

SAMPLE DUPLICATE: 1376130

Parameter	Units	10219700002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	101	1		
4-Bromofluorobenzene (S)	%	102	102	.04		
Dibromofluoromethane (S)	%	103	102	1		
Toluene-d8 (S)	%	100	100	.6		

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

QC Batch: MSV/22851 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10219700010, 10219700018

METHOD BLANK: 1376284 Matrix: Water
Associated Lab Samples: 10219700010, 10219700018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	02/12/13 12:31	
Carbon tetrachloride	ug/L	ND	1.0	02/12/13 12:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/12/13 12:31	
Dibromochloromethane	ug/L	ND	1.0	02/12/13 12:31	
Tetrachloroethene	ug/L	ND	1.0	02/12/13 12:31	
Trichloroethene	ug/L	ND	1.0	02/12/13 12:31	
Vinyl chloride	ug/L	ND	0.40	02/12/13 12:31	
1,2-Dichloroethane-d4 (S)	%	108	75-125	02/12/13 12:31	
4-Bromofluorobenzene (S)	%	100	75-125	02/12/13 12:31	
Dibromofluoromethane (S)	%	108	75-125	02/12/13 12:31	
Toluene-d8 (S)	%	98	75-125	02/12/13 12:31	

LABORATORY CONTROL SAMPLE: 1376285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	20.2	101	74-125	
Carbon tetrachloride	ug/L	20	19.2	96	74-127	
cis-1,2-Dichloroethene	ug/L	20	20.5	102	75-125	
Dibromochloromethane	ug/L	20	18.8	94	75-125	
Tetrachloroethene	ug/L	20	17.2	86	75-125	
Trichloroethene	ug/L	20	18.4	92	75-125	
Vinyl chloride	ug/L	20	18.7	93	70-128	
1,2-Dichloroethane-d4 (S)	%			107	75-125	
4-Bromofluorobenzene (S)	%			101	75-125	
Dibromofluoromethane (S)	%			108	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1376286 1376287

Parameter	Units	10219700010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	100	100	92.0	103	92	103	74-128	11	30	
Carbon tetrachloride	ug/L	ND	100	100	91.7	97.3	92	97	75-137	6	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	95.1	108	95	108	75-129	12	30	
Dibromochloromethane	ug/L	ND	100	100	87.5	98.0	87	98	75-125	11	30	
Tetrachloroethene	ug/L	319	100	100	383	415	64	95	75-130	8	30	M1
Trichloroethene	ug/L	13.1	100	100	103	111	89	98	75-129	8	30	
Vinyl chloride	ug/L	ND	100	100	101	105	101	105	75-147	3	30	
1,2-Dichloroethane-d4 (S)	%						108	109	75-125			
4-Bromofluorobenzene (S)	%						100	104	75-125			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1376286 1376287

Parameter	Units	10219700010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromofluoromethane (S)	%						108	109	75-125			
Toluene-d8 (S)	%						100	101	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1376767 1376768

Parameter	Units	10219753001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	21.2	20.1	106	100	74-128	5	30	
Carbon tetrachloride	ug/L	ND	20	20	23.4	22.6	117	113	75-137	3	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.5	21.7	112	109	75-129	3	30	
Dibromochloromethane	ug/L	ND	20	20	21.3	20.0	107	100	75-125	6	30	
Tetrachloroethene	ug/L	ND	20	20	21.4	20.8	107	104	75-130	3	30	
Trichloroethene	ug/L	ND	20	20	22.4	21.9	112	109	75-129	3	30	
Vinyl chloride	ug/L	ND	20	20	22.9	22.7	114	113	75-147	1	30	
1,2-Dichloroethane-d4 (S)	%						103	101	75-125			
4-Bromofluorobenzene (S)	%						103	101	75-125			
Dibromofluoromethane (S)	%						101	101	75-125			
Toluene-d8 (S)	%						100	100	75-125			

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

QC Batch: MSV/22871 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10219700013, 10219700019

METHOD BLANK: 1377839 Matrix: Water
Associated Lab Samples: 10219700013, 10219700019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	02/14/13 12:15	
Carbon tetrachloride	ug/L	ND	1.0	02/14/13 12:15	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/14/13 12:15	
Dibromochloromethane	ug/L	ND	1.0	02/14/13 12:15	
Tetrachloroethene	ug/L	ND	1.0	02/14/13 12:15	
Trichloroethene	ug/L	ND	1.0	02/14/13 12:15	
Vinyl chloride	ug/L	ND	0.40	02/14/13 12:15	
1,2-Dichloroethane-d4 (S)	%	102	75-125	02/14/13 12:15	
4-Bromofluorobenzene (S)	%	102	75-125	02/14/13 12:15	
Dibromofluoromethane (S)	%	101	75-125	02/14/13 12:15	
Toluene-d8 (S)	%	100	75-125	02/14/13 12:15	

LABORATORY CONTROL SAMPLE: 1377840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	19.4	97	74-125	
Carbon tetrachloride	ug/L	20	17.6	88	74-127	
cis-1,2-Dichloroethene	ug/L	20	19.3	96	75-125	
Dibromochloromethane	ug/L	20	19.3	97	75-125	
Tetrachloroethene	ug/L	20	17.0	85	75-125	
Trichloroethene	ug/L	20	18.2	91	75-125	
Vinyl chloride	ug/L	20	17.6	88	70-128	
1,2-Dichloroethane-d4 (S)	%			103	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Dibromofluoromethane (S)	%			101	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1378519 1378520

Parameter	Units	10219899004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	<3.7	200	200	173	187	86	94	74-128	8	30	
Carbon tetrachloride	ug/L	<1.6	200	200	166	182	83	91	75-137	9	30	
cis-1,2-Dichloroethene	ug/L	<0.85	200	200	172	189	86	94	75-129	9	30	
Dibromochloromethane	ug/L	<1.0	200	200	178	195	89	98	75-125	9	30	
Tetrachloroethene	ug/L	<1.3	200	200	155	179	78	89	75-130	14	30	
Trichloroethene	ug/L	<0.83	200	200	169	187	85	94	75-129	10	30	
Vinyl chloride	ug/L	<1.6	200	200	170	192	85	96	75-147	12	30	
1,2-Dichloroethane-d4 (S)	%						106	101	75-125			
4-Bromofluorobenzene (S)	%						102	101	75-125			

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1378519 1378520

Parameter	Units	10219899004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromofluoromethane (S)	%						101	101	75-125			
Toluene-d8 (S)	%						99	101	75-125			

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Cherry Cleaners W-S2510EC-I
Pace Project No.: 10219700

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10219700001	**MW-5**	EPA 8260	MSV/22846		
10219700002	**MW-8**	EPA 8260	MSV/22846		
10219700003	**MW-9**	EPA 8260	MSV/22846		
10219700004	**MW-16**	EPA 8260	MSV/22846		
10219700005	**MW-10**	EPA 8260	MSV/22846		
10219700006	**MW-17**	EPA 8260	MSV/22846		
10219700007	**MW-14**	EPA 8260	MSV/22846		
10219700008	**MW-4**	EPA 8260	MSV/22846		
10219700009	**MW-6**	EPA 8260	MSV/22846		
10219700010	**MW-11**	EPA 8260	MSV/22851		
10219700011	**MW-12**	EPA 8260	MSV/22846		
10219700012	**MW-13**	EPA 8260	MSV/22846		
10219700013	**MW-15**	EPA 8260	MSV/22871		
10219700014	**MW-2**	EPA 8260	MSV/22846		
10219700015	**MW-3**	EPA 8260	MSV/22846		
10219700016	**MW-1**	EPA 8260	MSV/22846		
10219700017	**MW-7**	EPA 8260	MSV/22846		
10219700018	**MW-1D**	EPA 8260	MSV/22851		
10219700019	**Trip Blank**	EPA 8260	MSV/22871		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10219700

Page: 1 of 2

1580420

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ECC HORIZON	Report To: ELISABETH SILVER	Attention:
Address: 1101 ANDOVER PARK W. SUITE 101 98188	Copy To: ROBERT HUEBNER	Company Name:
Email To: esilver@eccHorizon	Purchase Order No.: 379	Address:
Phone: 206-518-6120 Fax: 206-518-6123	Project Name: CHERRY CLEANERS	Pace Quote Reference:
Requested Due Date/TAT:	Project Number: W-S251DEC-I	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓: VOC 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-5		WT				2/4/13	1430		3				X						X		001
2	MW-8		WT				2/4/13	1600		3				X						X		002
3	MW-9		WT				2/5/13	1000		3				X						X		003
4	MW-16		WT				2/5/13	1100		3				X						X		004
5	MW-10		WT				2/5/13	1230		3				X						X		005
6	MW-17		WT				2/5/13	1330		3				X						X		006
7	MW-14		WT				2/5/13	1500		3				X						X		007
8	MW-4		WT				2/5/13	1600		3				X						X		008
9	MW-6		WT				2/6/13	0930		3				X						X		009
10	MW-11		WT				2/6/13	1030		3				X						X		010
11	MW-12		WT				2/6/13	1130		3				X						X		011
12	MW-13		WT				2/6/13	1300		3				X						X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	ROBERT HUEBNER / ECC HORIZON	2/8/13	1100	Michael Obien PACE / Pace	2/8/13 / 2/9/13	1090 / 0935	1.5 / 3.8	Y / Y	Y / Y	Y / Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUEBNER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/8/13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

1580419

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ECC Horizon	Report To: Elisabeth Silver	Attention:
Address: 1101 Andover Park W. Suite 101 98188	Copy To: Robert Huebner	Company Name:
Email To: esilver@eccthorizon.com	Purchase Order No.: 379	Address:
Phone: 206-575-6120 Fax: 206-575-6123	Project Name: Cherry Cleaners	Pace Quote Reference:
Requested Due Date/TAT:	Project Number: W-S2510EC-F	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: WA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: VOC 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-15	WT				2/6/13	1400		3				X						X		013
2	MW-2	WT				2/6/13	1530		3				X						X		014
3	MW-3	WT				2/7/13	1030		3				X						X		015
4	MW-1	WT				2/7/13	1200		3				X						X		016
5	MW-7	WT				2/7/13	1300		3				X						X		017
6	MW-1D	WT				2/7/13	1400		3				X						X		018
7																					
8	TRIP BLANK	WT							2				X						X		019
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Robert Huebner / ECC Horizon	2/8/13	1100	Michael O'Brien PACE	2/8/13	1050	1.5	Y	Y	Y
					2413	0930	3.8	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robert Huebner

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/8/13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ECC Horizon **Project #:** WO#: 10219700

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 5287 3746 3215

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: Temp Blank? ☑ Yes ☐ No

Thermom. Used: ☑ B88A912167504 ☐ 80512447 ☐ 72337080 Type of Ice: ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 3.3 Cooler Temp Corrected (°C): 3.8 Biological Tissue Frozen? ☐ Yes ☐ No

Temp should be above freezing to 6°C Correction Factor: +.5 Date and Initials of Person Examining Contents: 2/9/13

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☑ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☑ Yes	☐ No 2 vials		Initial when completed: CT Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☑ N/A	14. 2 vials
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15. Non pace TB's
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION Field Data Required? ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: JENNY GROSS Date: 2/11/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 26, 2013

Robert Huebner
ECC Horizon
1101 Andover Park West
Seattle, WA 98188

RE: Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Dear Robert Huebner:
Enclosed are the analytical results for sample(s) received by the laboratory between June 05, 2013 and June 10, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross

jennifer.gross@pacelabs.com
Project Manager

Enclosures

cc: Casey McFall, ECC Horizon

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

Montana Certification IDs

602 South 25th Street, Billings, MT 59101
EPA Region 8 Certification #: 8TMS-Q
Idaho Certification #: MT00012
Montana Certification #: MT CERT0040
NVLAP Certification #: 101292-0
Minnesota Dept of Health Certification #: 030-999-442
Washington Department of Ecology #: C993

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10231654004	**MW-1**	Water	06/10/13 14:30	06/10/13 15:00
10231148003	**MW-1D**	Water	06/05/13 13:00	06/05/13 15:00
10231654001	**MW-2**	Water	06/10/13 10:30	06/10/13 15:00
10231654002	**MW-3**	Water	06/10/13 11:30	06/10/13 15:00
10231148004	**MW-4**	Water	06/05/13 14:00	06/05/13 15:00
10231265003	**MW-5**	Water	06/06/13 12:00	06/07/13 09:40
10231494001	**MW-6**	Water	06/07/13 11:00	06/07/13 15:00
10231654003	**MW-7**	Water	06/10/13 13:00	06/10/13 15:00
10231148001	**MW-8**	Water	06/05/13 10:00	06/05/13 15:00
10231265001	**MW-9**	Water	06/05/13 16:00	06/07/13 09:40
10231075002	**MW-10**	Water	06/04/13 13:00	06/06/13 09:15
10231494002	**MW-11**	Water	06/07/13 12:30	06/07/13 15:00
10231075003	**MW-12**	Water	06/04/13 15:00	06/06/13 09:15
10231265004	**MW-13**	Water	06/06/13 13:30	06/07/13 09:40
10231148002	**MW-14**	Water	06/05/13 12:00	06/05/13 15:00
10231494003	**MW-15**	Water	06/07/13 14:00	06/07/13 15:00
10231265002	**MW-16**	Water	06/06/13 11:00	06/07/13 09:40
10231075001	**MW-17**	Water	06/04/13 11:00	06/06/13 09:15
10231494004	**MW-115**	Water	06/07/13 06:00	06/07/13 15:00
10231654005	**MW-Purge**	Water	06/10/13 14:45	06/10/13 15:00
10231148005	**Trip Blank**	Water	06/05/13 00:00	06/05/13 15:00
10231654006	**Trip Blank**	Water	06/10/13 00:00	06/10/13 15:00

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10231654004	**MW-1**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231148003	**MW-1D**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	LM3	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231654001	**MW-2**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231654002	**MW-3**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231148004	**MW-4**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	LM3	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231265003	**MW-5**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231494001	**MW-6**	RSK 175	DR1	3	PASI-M
		EPA 8260	LPM	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231654003	**MW-7**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231148001	**MW-8**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	LM3	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231265001	**MW-9**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231075002	**MW-10**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231494002	**MW-11**	RSK 175	DR1	3	PASI-M
		EPA 8260	LPM	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231075003	**MW-12**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231265004	**MW-13**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231148002	**MW-14**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	LM3	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231494003	**MW-15**	RSK 175	DR1	3	PASI-M
		EPA 8260	LPM	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	MWD	2	PASI-M
10231265002	**MW-16**	RSK 175	DR1	3	PASI-M
		EPA 8260	CNC	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	EJS	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231075001	**MW-17**	RSK 175	DR1	3	PASI-M
		EPA 8260	MJH	10	PASI-M
		EPA 353.2	CAC	1	PASI-MT
		SM 4500-S2-D	CAC	1	PASI-MT
		EPA 1664 OG	AS1	1	PASI-M
		SM 2320B	PH1	1	PASI-M
		EPA 300.0	MWD	2	PASI-M
10231494004	**MW-115**	EPA 8260	CNC, MJH	10	PASI-M
10231654005	**MW-Purge**	EPA 8260	EB2	10	PASI-M
10231148005	**Trip Blank**	EPA 8260	MJH	10	PASI-M
10231654006	**Trip Blank**	EPA 8260	CNC	10	PASI-M

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-1 **Lab ID: 10231654004** Collected: 06/10/13 14:30 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/14/13 22:12	74-84-0	
Ethene	ND	ug/L	6.2	1		06/14/13 22:12	74-85-1	
Methane	**7380**	ug/L	6.6	1		06/14/13 22:12	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 15:37	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 15:37	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 15:37	107-06-2	
cis-1,2-Dichloroethene	**23.7**	ug/L	1.0	1		06/12/13 15:37	156-59-2	
Tetrachloroethene	**132**	ug/L	1.0	1		06/12/13 15:37	127-18-4	
Trichloroethene	**6.7**	ug/L	0.40	1		06/12/13 15:37	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 15:37	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	75-125	1		06/12/13 15:37	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/12/13 15:37	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125	1		06/12/13 15:37	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	ND	mg/L	3.0	30		06/20/13 16:34		D3
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 12:15	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	**417**	mg/L	5.6	1		06/22/13 15:45		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**332**	mg/L	5.0	1		06/20/13 12:09		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**9.7**	mg/L	1.2	1		06/19/13 14:28	16887-00-6	
Sulfate	**1.3**	mg/L	1.2	1		06/19/13 14:28	14808-79-8	

Sample: MW-1D **Lab ID: 10231148003** Collected: 06/05/13 13:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/12/13 07:53	74-84-0	
Ethene	ND	ug/L	6.2	1		06/12/13 07:53	74-85-1	
Methane	ND	ug/L	6.6	1		06/12/13 07:53	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 23:00	56-23-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-1D **Lab ID: 10231148003** Collected: 06/05/13 13:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 23:00	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 23:00	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 23:00	156-59-2	
Tetrachloroethene	**2.0**	ug/L	1.0	1		06/07/13 23:00	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 23:00	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 23:00	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	75-125	1		06/07/13 23:00	17060-07-0	
Toluene-d8 (S)	98	%	75-125	1		06/07/13 23:00	2037-26-5	
4-Bromofluorobenzene (S)	96	%	75-125	1		06/07/13 23:00	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**10.5**	mg/L	3.0	30		06/11/13 14:50		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:45	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.2	1		06/12/13 16:15		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**121**	mg/L	5.0	1		06/13/13 13:49		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**14.5**	mg/L	1.2	1		06/19/13 04:59	16887-00-6	
Sulfate	**33.5**	mg/L	1.2	1		06/19/13 04:59	14808-79-8	

Sample: MW-2 **Lab ID: 10231654001** Collected: 06/10/13 10:30 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/14/13 21:29	74-84-0	
Ethene	ND	ug/L	6.2	1		06/14/13 21:29	74-85-1	
Methane	**16900**	ug/L	6.6	1		06/14/13 21:29	74-82-8	E
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 16:02	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 16:02	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 16:02	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 16:02	156-59-2	
Tetrachloroethene	**18.4**	ug/L	1.0	1		06/12/13 16:02	127-18-4	
Trichloroethene	**0.75**	ug/L	0.40	1		06/12/13 16:02	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 16:02	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-2 **Lab ID: 10231654001** Collected: 06/10/13 10:30 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		06/12/13 16:02	17060-07-0	
Toluene-d8 (S)	101	%	75-125	1		06/12/13 16:02	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125	1		06/12/13 16:02	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	ND	mg/L	1.0	10		06/20/13 16:04		D3
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 12:04	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	**448**	mg/L	5.6	1		06/22/13 15:45		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**104**	mg/L	5.0	1		06/20/13 12:00		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**2.6**	mg/L	1.2	1		06/19/13 13:10	16887-00-6	
Sulfate	ND	mg/L	1.2	1		06/19/13 13:10	14808-79-8	

Sample: MW-3 **Lab ID: 10231654002** Collected: 06/10/13 11:30 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	**24.7**	ug/L	6.2	1		06/14/13 21:51	74-84-0	
Ethene	**9.2**	ug/L	6.2	1		06/14/13 21:51	74-85-1	
Methane	**56.3**	ug/L	6.6	1		06/14/13 21:51	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 14:49	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 14:49	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 14:49	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 14:49	156-59-2	
Tetrachloroethene	**17.4**	ug/L	1.0	1		06/12/13 14:49	127-18-4	
Trichloroethene	**0.65**	ug/L	0.40	1		06/12/13 14:49	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 14:49	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	75-125	1		06/12/13 14:49	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		06/12/13 14:49	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	1		06/12/13 14:49	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	ND	mg/L	1.0	10		06/20/13 16:06		D3

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-3 **Lab ID: 10231654002** Collected: 06/10/13 11:30 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 12:11	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	**144**	mg/L	5.1	1		06/22/13 15:45		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**166**	mg/L	5.0	1		06/20/13 12:03		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**2.0**	mg/L	1.2	1		06/19/13 13:57	16887-00-6	
Sulfate	**2.4**	mg/L	1.2	1		06/19/13 13:57	14808-79-8	

Sample: MW-4 **Lab ID: 10231148004** Collected: 06/05/13 14:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/12/13 08:03	74-84-0	
Ethene	ND	ug/L	6.2	1		06/12/13 08:03	74-85-1	
Methane	ND	ug/L	6.6	1		06/12/13 08:03	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 23:25	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 23:25	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 23:25	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 23:25	156-59-2	
Tetrachloroethene	**6.1**	ug/L	1.0	1		06/07/13 23:25	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 23:25	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 23:25	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	75-125	1		06/07/13 23:25	17060-07-0	
Toluene-d8 (S)	97	%	75-125	1		06/07/13 23:25	2037-26-5	
4-Bromofluorobenzene (S)	96	%	75-125	1		06/07/13 23:25	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**2.0**	mg/L	1.0	10		06/11/13 14:51		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:47	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.3	1		06/12/13 16:15		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-4 **Lab ID: 10231148004** Collected: 06/05/13 14:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**55.1**	mg/L	5.0	1		06/13/13 13:53		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**2.6**	mg/L	1.2	1		06/19/13 05:14	16887-00-6	
Sulfate	**9.0**	mg/L	1.2	1		06/19/13 05:14	14808-79-8	

Sample: MW-5 **Lab ID: 10231265003** Collected: 06/06/13 12:00 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/13/13 07:55	74-84-0	
Ethene	ND	ug/L	6.2	1		06/13/13 07:55	74-85-1	
Methane	ND	ug/L	6.6	1		06/13/13 07:55	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 12:48	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 12:48	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 12:48	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 12:48	156-59-2	
Tetrachloroethene	**21.7**	ug/L	1.0	1		06/12/13 12:48	127-18-4	
Trichloroethene	ND	ug/L	0.40	1		06/12/13 12:48	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 12:48	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%	75-125	1		06/12/13 12:48	17060-07-0	
Toluene-d8 (S)	104	%	75-125	1		06/12/13 12:48	2037-26-5	
4-Bromofluorobenzene (S)	105	%	75-125	1		06/12/13 12:48	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**4.4**	mg/L	1.0	10		06/20/13 15:35		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 11:53	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.5	1		06/20/13 14:50		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**122**	mg/L	5.0	1		06/18/13 17:40		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**13.1**	mg/L	1.2	1		06/19/13 11:07	16887-00-6	M1
Sulfate	**28.2**	mg/L	1.2	1		06/19/13 11:07	14808-79-8	M1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-6 **Lab ID: 10231494001** Collected: 06/07/13 11:00 Received: 06/07/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/14/13 14:09	74-84-0	
Ethene	ND	ug/L	6.2	1		06/14/13 14:09	74-85-1	
Methane	ND	ug/L	6.6	1		06/14/13 14:09	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/11/13 20:29	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/11/13 20:29	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/11/13 20:29	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/11/13 20:29	156-59-2	
Tetrachloroethene	**37.1**	ug/L	1.0	1		06/11/13 20:29	127-18-4	
Trichloroethene	ND	ug/L	0.40	1		06/11/13 20:29	79-01-6	
Vinyl chloride	ND	ug/L	1.0	1		06/11/13 20:29	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	75-125	1		06/11/13 20:29	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/11/13 20:29	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	1		06/11/13 20:29	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**2.6**	mg/L	1.0	10		06/20/13 16:17		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 11:58	18496-25-8	M1
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.6	1		06/20/13 14:50		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**106**	mg/L	5.0	1		06/20/13 10:22		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**11.0**	mg/L	1.2	1		06/19/13 12:24	16887-00-6	
Sulfate	**21.5**	mg/L	1.2	1		06/19/13 12:24	14808-79-8	

Sample: MW-7 **Lab ID: 10231654003** Collected: 06/10/13 13:00 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/14/13 22:01	74-84-0	
Ethene	ND	ug/L	6.2	1		06/14/13 22:01	74-85-1	
Methane	**2360**	ug/L	6.6	1		06/14/13 22:01	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 15:13	56-23-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-7 **Lab ID: 10231654003** Collected: 06/10/13 13:00 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 15:13	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 15:13	107-06-2	
cis-1,2-Dichloroethene	**32.6**	ug/L	1.0	1		06/12/13 15:13	156-59-2	
Tetrachloroethene	**61.2**	ug/L	1.0	1		06/12/13 15:13	127-18-4	
Trichloroethene	**3.2**	ug/L	0.40	1		06/12/13 15:13	79-01-6	
Vinyl chloride	**0.46**	ug/L	0.40	1		06/12/13 15:13	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	75-125	1		06/12/13 15:13	17060-07-0	
Toluene-d8 (S)	102	%	75-125	1		06/12/13 15:13	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125	1		06/12/13 15:13	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	ND	mg/L	3.0	30		06/20/13 16:33		D3
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 12:14	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	**252**	mg/L	5.6	1		06/22/13 15:45		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**411**	mg/L	5.0	1		06/20/13 12:05		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**8.4**	mg/L	1.2	1		06/19/13 14:12	16887-00-6	
Sulfate	ND	mg/L	1.2	1		06/19/13 14:12	14808-79-8	

Sample: MW-8 **Lab ID: 10231148001** Collected: 06/05/13 10:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/12/13 07:31	74-84-0	
Ethene	ND	ug/L	6.2	1		06/12/13 07:31	74-85-1	
Methane	ND	ug/L	6.6	1		06/12/13 07:31	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 22:12	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 22:12	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 22:12	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 22:12	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/07/13 22:12	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 22:12	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 22:12	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-8 **Lab ID: 10231148001** Collected: 06/05/13 10:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	75-125	1		06/07/13 22:12	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/07/13 22:12	2037-26-5	
4-Bromofluorobenzene (S)	97	%	75-125	1		06/07/13 22:12	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**2.0**	mg/L	0.50	5		06/11/13 14:47		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:43	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.6	1		06/12/13 16:15		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**78.4**	mg/L	5.0	1		06/13/13 13:30		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**6.9**	mg/L	1.2	1		06/19/13 04:29	16887-00-6	
Sulfate	**29.8**	mg/L	1.2	1		06/19/13 04:29	14808-79-8	

Sample: MW-9 **Lab ID: 10231265001** Collected: 06/05/13 16:00 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/12/13 20:41	74-84-0	
Ethene	ND	ug/L	6.2	1		06/12/13 20:41	74-85-1	
Methane	**47.5**	ug/L	6.6	1		06/12/13 20:41	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	**1.0**	ug/L	1.0	1		06/12/13 16:26	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 16:26	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 16:26	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 16:26	156-59-2	
Tetrachloroethene	**43.6**	ug/L	1.0	1		06/12/13 16:26	127-18-4	
Trichloroethene	**1.3**	ug/L	0.40	1		06/12/13 16:26	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 16:26	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	75-125	1		06/12/13 16:26	17060-07-0	
Toluene-d8 (S)	100	%	75-125	1		06/12/13 16:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		06/12/13 16:26	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**2.7**	mg/L	1.0	10		06/20/13 15:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-9 **Lab ID: 10231265001** Collected: 06/05/13 16:00 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 11:49	18496-25-8	M1
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.3	1		06/20/13 14:50		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**178**	mg/L	5.0	1		06/18/13 17:33		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**18.0**	mg/L	1.2	1		06/19/13 05:29	16887-00-6	
Sulfate	**71.9**	mg/L	1.2	1		06/19/13 05:29	14808-79-8	

Sample: MW-10 **Lab ID: 10231075002** Collected: 06/04/13 13:00 Received: 06/06/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/10/13 09:15	74-84-0	
Ethene	ND	ug/L	6.2	1		06/10/13 09:15	74-85-1	
Methane	ND	ug/L	6.6	1		06/10/13 09:15	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 21:24	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 21:24	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 21:24	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 21:24	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/07/13 21:24	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 21:24	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 21:24	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	75-125	1		06/07/13 21:24	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/07/13 21:24	2037-26-5	
4-Bromofluorobenzene (S)	95	%	75-125	1		06/07/13 21:24	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**0.24**	mg/L	0.10	1		06/20/13 15:13		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:38	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.3	1		06/15/13 12:20		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-10 **Lab ID: 10231075002** Collected: 06/04/13 13:00 Received: 06/06/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**46.8**	mg/L	5.0	1		06/13/13 14:40		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**1.6**	mg/L	1.2	1		06/19/13 03:59	16887-00-6	
Sulfate	**8.0**	mg/L	1.2	1		06/19/13 03:59	14808-79-8	

Sample: MW-11 **Lab ID: 10231494002** Collected: 06/07/13 12:30 Received: 06/07/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/14/13 14:19	74-84-0	
Ethene	ND	ug/L	6.2	1		06/14/13 14:19	74-85-1	
Methane	**25.9**	ug/L	6.6	1		06/14/13 14:19	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	10.0	10		06/12/13 02:56	56-23-5	
Dibromochloromethane	ND	ug/L	10.0	10		06/12/13 02:56	124-48-1	
1,2-Dichloroethane	ND	ug/L	10.0	10		06/12/13 02:56	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	10.0	10		06/12/13 02:56	156-59-2	
Tetrachloroethene	**1800**	ug/L	10.0	10		06/12/13 02:56	127-18-4	
Trichloroethene	**53.8**	ug/L	4.0	10		06/12/13 02:56	79-01-6	
Vinyl chloride	ND	ug/L	10.0	10		06/12/13 02:56	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	75-125	10		06/12/13 02:56	17060-07-0	
Toluene-d8 (S)	101	%	75-125	10		06/12/13 02:56	2037-26-5	
4-Bromofluorobenzene (S)	105	%	75-125	10		06/12/13 02:56	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**1.5**	mg/L	0.30	3		06/20/13 15:56		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 12:00	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.2	1		06/20/13 14:50		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**140**	mg/L	5.0	1		06/20/13 10:34		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**29.1**	mg/L	1.2	1		06/19/13 12:40	16887-00-6	
Sulfate	**35.8**	mg/L	1.2	1		06/19/13 12:40	14808-79-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-12 **Lab ID: 10231075003** Collected: 06/04/13 15:00 Received: 06/06/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/10/13 09:26	74-84-0	
Ethene	ND	ug/L	6.2	1		06/10/13 09:26	74-85-1	
Methane	ND	ug/L	6.6	1		06/10/13 09:26	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 21:48	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 21:48	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 21:48	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 21:48	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/07/13 21:48	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 21:48	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 21:48	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	75-125	1		06/07/13 21:48	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/07/13 21:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%	75-125	1		06/07/13 21:48	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**2.8**	mg/L	2.0	20		06/20/13 15:15		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:41	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.2	1		06/15/13 12:20		1M
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**119**	mg/L	5.0	1		06/13/13 14:43		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**12.1**	mg/L	1.2	1		06/19/13 04:14	16887-00-6	
Sulfate	**27.0**	mg/L	1.2	1		06/19/13 04:14	14808-79-8	

Sample: MW-13 **Lab ID: 10231265004** Collected: 06/06/13 13:30 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/13/13 08:06	74-84-0	
Ethene	ND	ug/L	6.2	1		06/13/13 08:06	74-85-1	
Methane	ND	ug/L	6.6	1		06/13/13 08:06	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	**1.2**	ug/L	1.0	1		06/12/13 16:50	56-23-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-13 **Lab ID: 10231265004** Collected: 06/06/13 13:30 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 16:50	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 16:50	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 16:50	156-59-2	
Tetrachloroethene	**101**	ug/L	1.0	1		06/12/13 16:50	127-18-4	
Trichloroethene	**1.3**	ug/L	0.40	1		06/12/13 16:50	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 16:50	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	75-125	1		06/12/13 16:50	17060-07-0	
Toluene-d8 (S)	101	%	75-125	1		06/12/13 16:50	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125	1		06/12/13 16:50	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	ND	mg/L	2.0	20		06/20/13 16:01		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 11:54	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.3	1		06/20/13 14:50		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**65.9**	mg/L	5.0	1		06/18/13 17:43		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**4.1**	mg/L	1.2	1		06/19/13 12:09	16887-00-6	
Sulfate	**13.3**	mg/L	1.2	1		06/19/13 12:09	14808-79-8	

Sample: MW-14 **Lab ID: 10231148002** Collected: 06/05/13 12:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/12/13 07:42	74-84-0	
Ethene	ND	ug/L	6.2	1		06/12/13 07:42	74-85-1	
Methane	ND	ug/L	6.6	1		06/12/13 07:42	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 22:36	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 22:36	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 22:36	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 22:36	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/07/13 22:36	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 22:36	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 22:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-14 **Lab ID: 10231148002** Collected: 06/05/13 12:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	75-125	1		06/07/13 22:36	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/07/13 22:36	2037-26-5	
4-Bromofluorobenzene (S)	96	%	75-125	1		06/07/13 22:36	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**2.6**	mg/L	1.0	10		06/11/13 14:48		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:43	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.2	1		06/12/13 16:15		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**115**	mg/L	5.0	1		06/13/13 13:45		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**8.8**	mg/L	1.2	1		06/19/13 04:44	16887-00-6	
Sulfate	**42.1**	mg/L	1.2	1		06/19/13 04:44	14808-79-8	

Sample: MW-15 **Lab ID: 10231494003** Collected: 06/07/13 14:00 Received: 06/07/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/14/13 14:30	74-84-0	
Ethene	ND	ug/L	6.2	1		06/14/13 14:30	74-85-1	
Methane	ND	ug/L	6.6	1		06/14/13 14:30	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	10.0	10		06/12/13 03:20	56-23-5	
Dibromochloromethane	ND	ug/L	10.0	10		06/12/13 03:20	124-48-1	
1,2-Dichloroethane	ND	ug/L	10.0	10		06/12/13 03:20	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	10.0	10		06/12/13 03:20	156-59-2	
Tetrachloroethene	**1560**	ug/L	10.0	10		06/12/13 03:20	127-18-4	
Trichloroethene	**25.9**	ug/L	4.0	10		06/12/13 03:20	79-01-6	
Vinyl chloride	ND	ug/L	10.0	10		06/12/13 03:20	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	75-125	10		06/12/13 03:20	17060-07-0	
Toluene-d8 (S)	101	%	75-125	10		06/12/13 03:20	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	10		06/12/13 03:20	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**3.7**	mg/L	1.0	10		06/20/13 15:57		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-15 **Lab ID: 10231494003** Collected: 06/07/13 14:00 Received: 06/07/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 12:02	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.1	1		06/20/13 14:50		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**156**	mg/L	5.0	1		06/20/13 10:38		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**21.2**	mg/L	1.2	1		06/19/13 12:55	16887-00-6	
Sulfate	**30.7**	mg/L	1.2	1		06/19/13 12:55	14808-79-8	

Sample: MW-16 **Lab ID: 10231265002** Collected: 06/06/13 11:00 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/13/13 07:34	74-84-0	
Ethene	ND	ug/L	6.2	1		06/13/13 07:34	74-85-1	
Methane	ND	ug/L	6.6	1		06/13/13 07:34	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 13:12	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 13:12	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 13:12	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 13:12	156-59-2	
Tetrachloroethene	**12.2**	ug/L	1.0	1		06/12/13 13:12	127-18-4	
Trichloroethene	ND	ug/L	0.40	1		06/12/13 13:12	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 13:12	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	75-125	1		06/12/13 13:12	17060-07-0	
Toluene-d8 (S)	102	%	75-125	1		06/12/13 13:12	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	1		06/12/13 13:12	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**4.3**	mg/L	1.0	10		06/20/13 15:33		M2
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/12/13 11:50	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.3	1		06/20/13 14:50		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-16 **Lab ID: 10231265002** Collected: 06/06/13 11:00 Received: 06/07/13 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**124**	mg/L	5.0	1		06/18/13 17:37		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**16.6**	mg/L	1.2	1		06/19/13 06:15	16887-00-6	
Sulfate	**27.3**	mg/L	1.2	1		06/19/13 06:15	14808-79-8	

Sample: MW-17 **Lab ID: 10231075001** Collected: 06/04/13 11:00 Received: 06/06/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 AIR Headspace	Analytical Method: RSK 175							
Ethane	ND	ug/L	6.2	1		06/07/13 16:32	74-84-0	
Ethene	ND	ug/L	6.2	1		06/07/13 16:32	74-85-1	
Methane	ND	ug/L	6.6	1		06/07/13 16:32	74-82-8	
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 21:00	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 21:00	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 21:00	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 21:00	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/07/13 21:00	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 21:00	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 21:00	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	75-125	1		06/07/13 21:00	17060-07-0	
Toluene-d8 (S)	101	%	75-125	1		06/07/13 21:00	2037-26-5	
4-Bromofluorobenzene (S)	98	%	75-125	1		06/07/13 21:00	460-00-4	
353.2 Nitrate + Nitrite pres.	Analytical Method: EPA 353.2							
Nitrogen, NO2 plus NO3	**0.58**	mg/L	0.20	2		06/20/13 15:59		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2-D							
Sulfide	ND	mg/L	0.10	1		06/10/13 17:37	18496-25-8	
1664 HEM, Oil and Grease	Analytical Method: EPA 1664 OG							
Oil and Grease	ND	mg/L	5.4	1		06/15/13 12:20		
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**108**	mg/L	5.0	1		06/13/13 14:36		
300.0 IC Anions	Analytical Method: EPA 300.0							
Chloride	**17.0**	mg/L	1.2	1		06/19/13 03:43	16887-00-6	
Sulfate	**35.6**	mg/L	1.2	1		06/19/13 03:43	14808-79-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: MW-115 **Lab ID: 10231494004** Collected: 06/07/13 06:00 Received: 06/07/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 18:51	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 18:51	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 18:51	107-06-2	
cis-1,2-Dichloroethene	**2.5**	ug/L	1.0	1		06/12/13 18:51	156-59-2	
Tetrachloroethene	**1730**	ug/L	10.0	10		06/13/13 22:36	127-18-4	
Trichloroethene	**31.8**	ug/L	0.40	1		06/12/13 18:51	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 18:51	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	75-125	1		06/12/13 18:51	17060-07-0	
Toluene-d8 (S)	101	%	75-125	1		06/12/13 18:51	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	1		06/12/13 18:51	460-00-4	

Sample: MW-Purge **Lab ID: 10231654005** Collected: 06/10/13 14:45 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/14/13 12:57	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/14/13 12:57	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/14/13 12:57	107-06-2	
cis-1,2-Dichloroethene	**2.4**	ug/L	1.0	1		06/14/13 12:57	156-59-2	
Tetrachloroethene	**52.8**	ug/L	1.0	1		06/14/13 12:57	127-18-4	
Trichloroethene	**2.7**	ug/L	0.40	1		06/14/13 12:57	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/14/13 12:57	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	75-125	1		06/14/13 12:57	17060-07-0	HS
Toluene-d8 (S)	100	%	75-125	1		06/14/13 12:57	2037-26-5	
4-Bromofluorobenzene (S)	104	%	75-125	1		06/14/13 12:57	460-00-4	

Sample: Trip Blank **Lab ID: 10231148005** Collected: 06/05/13 00:00 Received: 06/05/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/07/13 18:59	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/07/13 18:59	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/07/13 18:59	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/07/13 18:59	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/07/13 18:59	127-18-4	
Trichloroethene	ND	ug/L	1.0	1		06/07/13 18:59	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/07/13 18:59	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	75-125	1		06/07/13 18:59	17060-07-0	
Toluene-d8 (S)	99	%	75-125	1		06/07/13 18:59	2037-26-5	
4-Bromofluorobenzene (S)	95	%	75-125	1		06/07/13 18:59	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Sample: Trip Blank **Lab ID: 10231654006** Collected: 06/10/13 00:00 Received: 06/10/13 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/13 12:24	56-23-5	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/13 12:24	124-48-1	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/13 12:24	107-06-2	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/13 12:24	156-59-2	
Tetrachloroethene	ND	ug/L	1.0	1		06/12/13 12:24	127-18-4	
Trichloroethene	ND	ug/L	0.40	1		06/12/13 12:24	79-01-6	
Vinyl chloride	ND	ug/L	0.40	1		06/12/13 12:24	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%	75-125	1		06/12/13 12:24	17060-07-0	
Toluene-d8 (S)	104	%	75-125	1		06/12/13 12:24	2037-26-5	
4-Bromofluorobenzene (S)	105	%	75-125	1		06/12/13 12:24	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17507 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231075001

METHOD BLANK: 1452389 Matrix: Water
Associated Lab Samples: 10231075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/07/13 15:05	
Ethene	ug/L	ND	6.2	06/07/13 15:05	
Methane	ug/L	16.5	6.6	06/07/13 15:05	

LABORATORY CONTROL SAMPLE & LCSD: 1452390 1452391

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	110	112	97	99	85-115	2	20	
Ethene	ug/L	106	104	105	98	99	85-115	1	20	
Methane	ug/L	60.7	60.1	60.1	99	99	85-115	.05	20	P8

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17508 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231075002, 10231075003

METHOD BLANK: 1452392 Matrix: Water
Associated Lab Samples: 10231075002, 10231075003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/10/13 08:29	
Ethene	ug/L	ND	6.2	06/10/13 08:29	
Methane	ug/L	ND	6.6	06/10/13 08:29	

LABORATORY CONTROL SAMPLE & LCSD: 1452393 1452394

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	113	107	99	94	85-115	5	20	
Ethene	ug/L	106	106	100	99	95	85-115	5	20	
Methane	ug/L	60.7	60.2	69.0	99	114	85-115	13	20	

SAMPLE DUPLICATE: 1454517

Parameter	Units	5081464001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	17.2	ND		20	

SAMPLE DUPLICATE: 1454518

Parameter	Units	201095647 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	6.8	6.4J		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17542 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

METHOD BLANK: 1455797 Matrix: Water
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/12/13 06:59	
Ethene	ug/L	ND	6.2	06/12/13 06:59	
Methane	ug/L	ND	6.6	06/12/13 06:59	

LABORATORY CONTROL SAMPLE & LCSD: 1455798 1455799

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	106	95.2	93	84	85-115	11	20	
Ethene	ug/L	106	99.5	89.4	94	84	85-115	11	20	
Methane	ug/L	60.7	58.4	51.0	96	84	85-115	13	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17544
QC Batch Method: RSK 175
Analysis Method: RSK 175
Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231265001

METHOD BLANK: 1455803 Matrix: Water
Associated Lab Samples: 10231265001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/12/13 16:57	
Ethene	ug/L	ND	6.2	06/12/13 16:57	
Methane	ug/L	ND	6.6	06/12/13 16:57	

LABORATORY CONTROL SAMPLE & LCSD: 1455804 1455805

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	114	102	101	89	85-115	12	20	
Ethene	ug/L	106	107	94.3	101	89	85-115	12	20	
Methane	ug/L	60.7	58.7	72.1	97	119	85-115	20	20	R1

SAMPLE DUPLICATE: 1456139

Parameter	Units	92160597024 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	ND	ND		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17560 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231265002, 10231265003, 10231265004

METHOD BLANK: 1456791 Matrix: Water
Associated Lab Samples: 10231265002, 10231265003, 10231265004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/13/13 07:20	
Ethene	ug/L	ND	6.2	06/13/13 07:20	
Methane	ug/L	ND	6.6	06/13/13 07:20	

LABORATORY CONTROL SAMPLE & LCSD: 1456792 1456793

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	107	114	94	100	85-115	6	20	
Ethene	ug/L	106	100	107	94	101	85-115	7	20	
Methane	ug/L	60.7	54.2	59.7	89	98	85-115	10	20	

SAMPLE DUPLICATE: 1457244

Parameter	Units	10231265002 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	ND	ND		20	

SAMPLE DUPLICATE: 1457246

Parameter	Units	4079261033 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	<6.2	ND		20	
Ethene	ug/L	<6.2	ND		20	
Methane	ug/L	<6.6	4.8J		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17572 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231494001, 10231494002, 10231494003

METHOD BLANK: 1458206 Matrix: Water
Associated Lab Samples: 10231494001, 10231494002, 10231494003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/14/13 12:43	
Ethene	ug/L	ND	6.2	06/14/13 12:43	
Methane	ug/L	ND	6.6	06/14/13 12:43	

LABORATORY CONTROL SAMPLE & LCSD: 1458207 1458208

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	115	118	101	104	85-115	2	20	
Ethene	ug/L	106	108	110	102	104	85-115	2	20	
Methane	ug/L	60.7	59.2	63.0	98	104	85-115	6	20	

SAMPLE DUPLICATE: 1458397

Parameter	Units	10231583003 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	<0.86	ND		20	
Ethene	ug/L	<0.79	ND		20	
Methane	ug/L	0.0078 mg/L	8.2	200	20	

SAMPLE DUPLICATE: 1458398

Parameter	Units	10232094001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	<0.86	ND		20	
Ethene	ug/L	<0.79	ND		20	
Methane	ug/L	<3.3	ND		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: AIR/17575 Analysis Method: RSK 175
QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE
Associated Lab Samples: 10231654001, 10231654002, 10231654003, 10231654004

METHOD BLANK: 1458214 Matrix: Water
Associated Lab Samples: 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	ND	6.2	06/14/13 21:19	
Ethene	ug/L	ND	6.2	06/14/13 21:19	
Methane	ug/L	ND	6.6	06/14/13 21:19	

LABORATORY CONTROL SAMPLE & LCSD: 1458215 1458216

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	115	116	101	102	85-115	.9	20	
Ethene	ug/L	106	108	108	101	102	85-115	.7	20	
Methane	ug/L	60.7	62.0	62.5	102	103	85-115	.8	20	

SAMPLE DUPLICATE: 1459025

Parameter	Units	10231654001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	5.8J		20	
Ethene	ug/L	ND	3.2J		20	
Methane	ug/L	16900	19200	12	20	E

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MSV/23923 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004, 10231148005

METHOD BLANK: 1450507 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004, 10231148005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	06/07/13 18:35	
Carbon tetrachloride	ug/L	ND	1.0	06/07/13 18:35	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/07/13 18:35	
Dibromochloromethane	ug/L	ND	1.0	06/07/13 18:35	
Tetrachloroethene	ug/L	ND	1.0	06/07/13 18:35	
Trichloroethene	ug/L	ND	0.40	06/07/13 18:35	
Vinyl chloride	ug/L	ND	0.40	06/07/13 18:35	
1,2-Dichloroethane-d4 (S)	%	93	75-125	06/07/13 18:35	
4-Bromofluorobenzene (S)	%	94	75-125	06/07/13 18:35	
Toluene-d8 (S)	%	99	75-125	06/07/13 18:35	

LABORATORY CONTROL SAMPLE: 1450508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	19.3	96	74-125	
Carbon tetrachloride	ug/L	20	20.5	102	74-127	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	75-125	
Dibromochloromethane	ug/L	20	23.1	116	75-125	
Tetrachloroethene	ug/L	20	20.8	104	75-125	
Trichloroethene	ug/L	20	20.9	104	75-125	
Vinyl chloride	ug/L	20	19.3	96	70-128	
1,2-Dichloroethane-d4 (S)	%			93	75-125	
4-Bromofluorobenzene (S)	%			95	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1453357 1453358

Parameter	Units	10230818001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	400	400	368	373	92	93	74-128	1	30	
Carbon tetrachloride	ug/L	ND	400	400	450	452	113	113	75-137	.4	30	
cis-1,2-Dichloroethene	ug/L	668	400	400	1050	1070	95	101	75-129	2	30	
Dibromochloromethane	ug/L	ND	400	400	437	459	109	115	75-125	5	30	
Tetrachloroethene	ug/L	ND	400	400	437	450	108	111	75-130	3	30	
Trichloroethene	ug/L	22.9	400	400	436	443	103	105	75-129	2	30	
Vinyl chloride	ug/L	15.6	400	400	435	451	105	109	75-147	4	30	
1,2-Dichloroethane-d4 (S)	%						90	93	75-125			
4-Bromofluorobenzene (S)	%						96	95	75-125			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1453357 1453358

Parameter	Units	10230818001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						99	99	75-125			

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MSV/23952 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10231494001, 10231494002, 10231494003

METHOD BLANK: 1453469 Matrix: Water
Associated Lab Samples: 10231494001, 10231494002, 10231494003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	06/11/13 20:04	
Carbon tetrachloride	ug/L	ND	1.0	06/11/13 20:04	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/11/13 20:04	
Dibromochloromethane	ug/L	ND	1.0	06/11/13 20:04	
Tetrachloroethene	ug/L	ND	1.0	06/11/13 20:04	
Trichloroethene	ug/L	ND	0.40	06/11/13 20:04	
Vinyl chloride	ug/L	ND	1.0	06/11/13 20:04	
1,2-Dichloroethane-d4 (S)	%	99	75-125	06/11/13 20:04	
4-Bromofluorobenzene (S)	%	102	75-125	06/11/13 20:04	
Toluene-d8 (S)	%	99	75-125	06/11/13 20:04	

LABORATORY CONTROL SAMPLE: 1453470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	20.6	103	74-125	
Carbon tetrachloride	ug/L	20	20.7	104	74-127	
cis-1,2-Dichloroethene	ug/L	20	21.6	108	75-125	
Dibromochloromethane	ug/L	20	20.0	100	75-125	
Tetrachloroethene	ug/L	20	20.7	103	75-125	
Trichloroethene	ug/L	20	19.7	98	75-125	
Vinyl chloride	ug/L	20	21.2	106	70-128	
1,2-Dichloroethane-d4 (S)	%			98	75-125	
4-Bromofluorobenzene (S)	%			100	75-125	
Toluene-d8 (S)	%			100	75-125	

MATRIX SPIKE SAMPLE: 1456408

Parameter	Units	10231363001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	21.0	105	74-128	
Carbon tetrachloride	ug/L	ND	20	23.1	116	75-137	
cis-1,2-Dichloroethene	ug/L	ND	20	22.0	110	75-129	
Dibromochloromethane	ug/L	ND	20	19.8	99	75-125	
Tetrachloroethene	ug/L	ND	20	21.9	109	75-130	
Trichloroethene	ug/L	ND	20	20.6	103	75-129	
Vinyl chloride	ug/L	ND	20	23.7	119	75-147	
1,2-Dichloroethane-d4 (S)	%				99	75-125	
4-Bromofluorobenzene (S)	%				101	75-125	
Toluene-d8 (S)	%				100	75-125	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

SAMPLE DUPLICATE: 1456409

Parameter	Units	10231363002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	101	101	.5		
4-Bromofluorobenzene (S)	%	104	103	.4		
Toluene-d8 (S)	%	98	99	.4		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MSV/23963 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004, 10231494004, 10231654001, 10231654002, 10231654003, 10231654004, 10231654006

METHOD BLANK: 1454742 Matrix: Water
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004, 10231494004, 10231654001, 10231654002, 10231654003, 10231654004, 10231654006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	06/12/13 11:11	
Carbon tetrachloride	ug/L	ND	1.0	06/12/13 11:11	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/12/13 11:11	
Dibromochloromethane	ug/L	ND	1.0	06/12/13 11:11	
Tetrachloroethene	ug/L	ND	1.0	06/12/13 11:11	
Trichloroethene	ug/L	ND	0.40	06/12/13 11:11	
Vinyl chloride	ug/L	ND	0.40	06/12/13 11:11	
1,2-Dichloroethane-d4 (S)	%	103	75-125	06/12/13 11:11	
4-Bromofluorobenzene (S)	%	106	75-125	06/12/13 11:11	
Toluene-d8 (S)	%	103	75-125	06/12/13 11:11	

LABORATORY CONTROL SAMPLE: 1454743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	20.8	104	74-125	
Carbon tetrachloride	ug/L	20	20.1	101	74-127	
cis-1,2-Dichloroethene	ug/L	20	20.5	102	75-125	
Dibromochloromethane	ug/L	20	19.8	99	75-125	
Tetrachloroethene	ug/L	20	19.9	99	75-125	
Trichloroethene	ug/L	20	19.1	96	75-125	
Vinyl chloride	ug/L	20	21.5	107	70-128	
1,2-Dichloroethane-d4 (S)	%			105	75-125	
4-Bromofluorobenzene (S)	%			103	75-125	
Toluene-d8 (S)	%			105	75-125	

MATRIX SPIKE SAMPLE: 1455216

Parameter	Units	10231265003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	20.9	104	74-128	
Carbon tetrachloride	ug/L	ND	20	23.3	115	75-137	
cis-1,2-Dichloroethene	ug/L	ND	20	20.9	105	75-129	
Dibromochloromethane	ug/L	ND	20	19.7	98	75-125	
Tetrachloroethene	ug/L	21.7	20	41.6	100	75-130	
Trichloroethene	ug/L	ND	20	21.3	105	75-129	
Vinyl chloride	ug/L	ND	20	23.1	115	75-147	
1,2-Dichloroethane-d4 (S)	%				104	75-125	
4-Bromofluorobenzene (S)	%				104	75-125	
Toluene-d8 (S)	%				103	75-125	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

SAMPLE DUPLICATE: 1455215

Parameter	Units	10231265002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	12.2	14.0	14	30	
Trichloroethene	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	103	104	.8		
4-Bromofluorobenzene (S)	%	104	105	1		
Toluene-d8 (S)	%	102	103	1		

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MSV/23988 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 10231654005

METHOD BLANK: 1456941 Matrix: Water
Associated Lab Samples: 10231654005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	06/14/13 10:57	
Carbon tetrachloride	ug/L	ND	1.0	06/14/13 10:57	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/14/13 10:57	
Dibromochloromethane	ug/L	ND	1.0	06/14/13 10:57	
Tetrachloroethene	ug/L	ND	1.0	06/14/13 10:57	
Trichloroethene	ug/L	ND	0.40	06/14/13 10:57	
Vinyl chloride	ug/L	ND	0.40	06/14/13 10:57	
1,2-Dichloroethane-d4 (S)	%	106	75-125	06/14/13 10:57	
4-Bromofluorobenzene (S)	%	105	75-125	06/14/13 10:57	
Toluene-d8 (S)	%	102	75-125	06/14/13 10:57	

LABORATORY CONTROL SAMPLE: 1456942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	20.5	103	74-125	
Carbon tetrachloride	ug/L	20	20.6	103	74-127	
cis-1,2-Dichloroethene	ug/L	20	20.6	103	75-125	
Dibromochloromethane	ug/L	20	19.0	95	75-125	
Tetrachloroethene	ug/L	20	18.9	94	75-125	
Trichloroethene	ug/L	20	19.6	98	75-125	
Vinyl chloride	ug/L	20	21.9	109	70-128	
1,2-Dichloroethane-d4 (S)	%			108	75-125	
4-Bromofluorobenzene (S)	%			105	75-125	
Toluene-d8 (S)	%			104	75-125	

MATRIX SPIKE SAMPLE: 1456943

Parameter	Units	10231729003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	19.8	99	74-128	
Carbon tetrachloride	ug/L	ND	20	21.5	108	75-137	
cis-1,2-Dichloroethene	ug/L	ND	20	19.6	98	75-129	
Dibromochloromethane	ug/L	ND	20	19.2	96	75-125	
Tetrachloroethene	ug/L	ND	20	20.9	104	75-130	
Trichloroethene	ug/L	ND	20	19.8	99	75-129	
Vinyl chloride	ug/L	ND	20	22.1	110	75-147	
1,2-Dichloroethane-d4 (S)	%				104	75-125	
4-Bromofluorobenzene (S)	%				102	75-125	
Toluene-d8 (S)	%				103	75-125	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

SAMPLE DUPLICATE: 1456944

Parameter	Units	10231729002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	107	103	4		
4-Bromofluorobenzene (S)	%	105	104	.7		
Toluene-d8 (S)	%	101	103	2		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MT/12287 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

METHOD BLANK: 1452973 Matrix: Water
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	06/11/13 14:04	

METHOD BLANK: 1453674 Matrix: Water
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	06/11/13 14:07	

LABORATORY CONTROL SAMPLE: 1452974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	.33	0.33	99	90-110	

LABORATORY CONTROL SAMPLE: 1453675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	.33	0.34	102	90-110	

MATRIX SPIKE SAMPLE: 1452976

Parameter	Units	10230686010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.90	.33	1.1	72	90-110	M1

MATRIX SPIKE SAMPLE: 1452978

Parameter	Units	10231106001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	.33	0.48	90	90-110	

SAMPLE DUPLICATE: 1452975

Parameter	Units	10230686001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.10	.02J		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

SAMPLE DUPLICATE: 1452977

Parameter	Units	10230849001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.23	0.25	8	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MT/12295 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

METHOD BLANK: 1453644 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	06/20/13 14:59	

METHOD BLANK: 1453676 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	06/20/13 15:02	

LABORATORY CONTROL SAMPLE: 1453645

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	.33	0.32	96	90-110	

LABORATORY CONTROL SAMPLE: 1453677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	.33	0.31	93	90-110	

MATRIX SPIKE SAMPLE: 1453647

Parameter	Units	10231456002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	20.5	.33	20.5	0	90-110	M2

MATRIX SPIKE SAMPLE: 1461761

Parameter	Units	10231654002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	.33	.2J	60	90-110	D3,M2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

SAMPLE DUPLICATE: 1453646

Parameter	Units	10231075001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.58	0.58	0	20	

SAMPLE DUPLICATE: 1461760

Parameter	Units	10231265004 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	1.6J		20	

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MT/12280 Analysis Method: SM 4500-S2-D
QC Batch Method: SM 4500-S2-D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004

METHOD BLANK: 1452703 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	06/10/13 17:35	

LABORATORY CONTROL SAMPLE: 1452704

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	.98	1.1	107	80-120	

MATRIX SPIKE SAMPLE: 1452706

Parameter	Units	10231148002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	.98	0.96	98	80-120	

SAMPLE DUPLICATE: 1452705

Parameter	Units	10230615001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	.079J		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: MT/12327 Analysis Method: SM 4500-S2-D
QC Batch Method: SM 4500-S2-D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

METHOD BLANK: 1454873 Matrix: Water
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	06/12/13 11:47	

LABORATORY CONTROL SAMPLE: 1454874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	.98	0.92	94	80-120	

MATRIX SPIKE SAMPLE: 1454875

Parameter	Units	10231265001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	.98	0.83	77	80-120	M1

MATRIX SPIKE SAMPLE: 1454877

Parameter	Units	10231494001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	.98	0.76	73	80-120	M1

SAMPLE DUPLICATE: 1454876

Parameter	Units	10231265002 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	.058J		20	

SAMPLE DUPLICATE: 1454878

Parameter	Units	10231494002 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	.063J		20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/30871 Analysis Method: EPA 1664 OG
QC Batch Method: EPA 1664 OG Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

METHOD BLANK: 1453502 Matrix: Water
Associated Lab Samples: 10231148001, 10231148002, 10231148003, 10231148004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.1	06/12/13 16:15	

LABORATORY CONTROL SAMPLE: 1453503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40.8	37.0	91	78-114	

MATRIX SPIKE SAMPLE: 1453504

Parameter	Units	10231194001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	12.3	41.2	49.9	91	78-114	

SAMPLE DUPLICATE: 1453505

Parameter	Units	1221159001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	<5.4	3J		18	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/30946 Analysis Method: EPA 1664 OG
QC Batch Method: EPA 1664 OG Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 10231075001, 10231075002, 10231075003

METHOD BLANK: 1457228 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.1	06/15/13 12:20	

LABORATORY CONTROL SAMPLE: 1457229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40.8	38.5	94	78-114	

MATRIX SPIKE SAMPLE: 1457230

Parameter	Units	10231198001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	14.7	43	47.3	76	78-114	M1

SAMPLE DUPLICATE: 1457231

Parameter	Units	10230815002 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	ND		18	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/30992 Analysis Method: EPA 1664 OG
QC Batch Method: EPA 1664 OG Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003

METHOD BLANK: 1460498 Matrix: Water
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004, 10231494001, 10231494002, 10231494003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.1	06/20/13 14:50	

LABORATORY CONTROL SAMPLE: 1460499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40.8	32.7	80	78-114	

MATRIX SPIKE SAMPLE: 1460500

Parameter	Units	10231496001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	44.4	37.8	83	78-114	

SAMPLE DUPLICATE: 1460501

Parameter	Units	10231605001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	3.1J		18	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/31045 Analysis Method: EPA 1664 OG
QC Batch Method: EPA 1664 OG Analysis Description: 1664 HEM, Oil and Grease
Associated Lab Samples: 10231654001, 10231654002, 10231654003, 10231654004

METHOD BLANK: 1463183 Matrix: Water
Associated Lab Samples: 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.1	06/22/13 15:45	

LABORATORY CONTROL SAMPLE: 1463184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40.8	38.3	94	78-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1463185 1463186

Parameter	Units	10232151005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Oil and Grease	mg/L	ND	41.2	41.2	34.7	41.8	79	96	78-114	18	18	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/30850 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004

METHOD BLANK: 1452338 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	06/13/13 10:46	

LABORATORY CONTROL SAMPLE & LCSD: 1452339 1452340

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	39.0	40.9	98	102	90-110	5	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1452341 1452342

Parameter	Units	10230925001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	122	40	40	172	169	125	120	80-120	1	30	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1452343 1452344

Parameter	Units	10231148001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	78.4	40	40	117	119	96	102	80-120	2	30	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/30968 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004

METHOD BLANK: 1458949 Matrix: Water
Associated Lab Samples: 10231265001, 10231265002, 10231265003, 10231265004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	06/18/13 15:14	

LABORATORY CONTROL SAMPLE & LCSD: 1458950 1458951

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	41.1	41.3	103	103	90-110	.7	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1458952 1458953

Parameter	Units	10231314001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	309	40	40	350	354	103	114	80-120	1	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1458954 1458955

Parameter	Units	10231556008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	303	40	40	343	338	101	89	80-120	1	30	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WET/30987 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

METHOD BLANK: 1460209 Matrix: Water
Associated Lab Samples: 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	06/20/13 10:02	

LABORATORY CONTROL SAMPLE & LCSD: 1460210 1460211

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	41.2	42.0	103	105	90-110	2	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1460212 1460213

Parameter	Units	10231494001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	106	40	40	148	146	105	101	80-120	1	30	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1460214 1460215

Parameter	Units	10231773001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	181	40	40	230	227	124	115	80-120	1	30	M1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WETA/15224 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

METHOD BLANK: 1456272 Matrix: Water
Associated Lab Samples: 10231265003, 10231265004, 10231494001, 10231494002, 10231494003, 10231654001, 10231654002, 10231654003, 10231654004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.2	06/19/13 10:36	
Sulfate	mg/L	ND	1.2	06/19/13 10:36	

LABORATORY CONTROL SAMPLE: 1456273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	12.5	13.2	106	90-110	
Sulfate	mg/L	12.5	13.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1456274 1456275

Parameter	Units	10231265003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	13.1	12.5	12.5	24.2	24.2	88	89	90-110	.03	30	M1
Sulfate	mg/L	28.2	12.5	12.5	37.7	37.7	76	76	90-110	.008	30	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1460360 1460361

Parameter	Units	10232634001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.5J	12.5	12.5	14.8	14.8	99	99	90-110	.06	30	
Sulfate	mg/L	4.1	12.5	12.5	16.5	16.4	99	98	90-110	.6	30	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

QC Batch: WETA/15271 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004, 10231265001, 10231265002

METHOD BLANK: 1459233 Matrix: Water
Associated Lab Samples: 10231075001, 10231075002, 10231075003, 10231148001, 10231148002, 10231148003, 10231148004, 10231265001, 10231265002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.2	06/18/13 21:51	
Sulfate	mg/L	ND	1.2	06/18/13 21:51	

LABORATORY CONTROL SAMPLE: 1459234

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	12.5	13.2	106	90-110	
Sulfate	mg/L	12.5	13.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1459235 1459236

Parameter	Units	10230686011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	95.9	12.5	12.5	96.1	86.6	2	-74	90-110	10	30	M1
Sulfate	mg/L	50.8	12.5	12.5	57.5	51.6	53	6	90-110	11	30	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1459237 1459238

Parameter	Units	10230987002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.8	12.5	12.5	15.1	14.9	98	97	90-110	1	30	
Sulfate	mg/L	23.7	12.5	12.5	33.4	33.0	77	74	90-110	1	30	M1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis
PASI-MT	Pace Analytical Services - Montana

SAMPLE QUALIFIERS

Sample: 10231148001
[1] The LCSD and continuing calibration associated with this sample are below QC limits. Results are confirmed by second analysis.

Sample: 10231148002
[1] The LCSD and continuing calibration associated with this sample are below QC limits. Results are confirmed by second analysis.

Sample: 10231148003
[1] The LCSD and continuing calibration associated with this sample are below QC limits. Results are confirmed by second analysis.

Sample: 10231148004
[1] The LCSD and continuing calibration associated with this sample are below QC limits. Results are confirmed by second analysis.

Sample: 1455799
[1] The LCSD and continuing calibration associated with this sample are below QC limits. Results are confirmed by second analysis.

ANALYTE QUALIFIERS

1M	Sediment remaining in sample container after extraction
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M2	Matrix spike recovery was below QC limits due to sample dilution. Data acceptance based on laboratory control sample (LCS) recovery.
P8	Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.
R1	RPD value was outside control limits.

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10231075001	**MW-17**	RSK 175	AIR/17507		
10231075002	**MW-10**	RSK 175	AIR/17508		
10231075003	**MW-12**	RSK 175	AIR/17508		
10231148001	**MW-8**	RSK 175	AIR/17542		
10231148002	**MW-14**	RSK 175	AIR/17542		
10231148003	**MW-1D**	RSK 175	AIR/17542		
10231148004	**MW-4**	RSK 175	AIR/17542		
10231265001	**MW-9**	RSK 175	AIR/17544		
10231265002	**MW-16**	RSK 175	AIR/17560		
10231265003	**MW-5**	RSK 175	AIR/17560		
10231265004	**MW-13**	RSK 175	AIR/17560		
10231494001	**MW-6**	RSK 175	AIR/17572		
10231494002	**MW-11**	RSK 175	AIR/17572		
10231494003	**MW-15**	RSK 175	AIR/17572		
10231654001	**MW-2**	RSK 175	AIR/17575		
10231654002	**MW-3**	RSK 175	AIR/17575		
10231654003	**MW-7**	RSK 175	AIR/17575		
10231654004	**MW-1**	RSK 175	AIR/17575		
10231075001	**MW-17**	EPA 8260	MSV/23923		
10231075002	**MW-10**	EPA 8260	MSV/23923		
10231075003	**MW-12**	EPA 8260	MSV/23923		
10231148001	**MW-8**	EPA 8260	MSV/23923		
10231148002	**MW-14**	EPA 8260	MSV/23923		
10231148003	**MW-1D**	EPA 8260	MSV/23923		
10231148004	**MW-4**	EPA 8260	MSV/23923		
10231148005	**Trip Blank**	EPA 8260	MSV/23923		
10231265001	**MW-9**	EPA 8260	MSV/23963		
10231265002	**MW-16**	EPA 8260	MSV/23963		
10231265003	**MW-5**	EPA 8260	MSV/23963		
10231265004	**MW-13**	EPA 8260	MSV/23963		
10231494001	**MW-6**	EPA 8260	MSV/23952		
10231494002	**MW-11**	EPA 8260	MSV/23952		
10231494003	**MW-15**	EPA 8260	MSV/23952		
10231494004	**MW-115**	EPA 8260	MSV/23963		
10231654001	**MW-2**	EPA 8260	MSV/23963		
10231654002	**MW-3**	EPA 8260	MSV/23963		
10231654003	**MW-7**	EPA 8260	MSV/23963		
10231654004	**MW-1**	EPA 8260	MSV/23963		
10231654005	**MW-Purge**	EPA 8260	MSV/23988		
10231654006	**Trip Blank**	EPA 8260	MSV/23963		
10231075001	**MW-17**	EPA 353.2	MT/12295		
10231075002	**MW-10**	EPA 353.2	MT/12295		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10231075003	**MW-12**	EPA 353.2	MT/12295		
10231148001	**MW-8**	EPA 353.2	MT/12287		
10231148002	**MW-14**	EPA 353.2	MT/12287		
10231148003	**MW-1D**	EPA 353.2	MT/12287		
10231148004	**MW-4**	EPA 353.2	MT/12287		
10231265001	**MW-9**	EPA 353.2	MT/12295		
10231265002	**MW-16**	EPA 353.2	MT/12295		
10231265003	**MW-5**	EPA 353.2	MT/12295		
10231265004	**MW-13**	EPA 353.2	MT/12295		
10231494001	**MW-6**	EPA 353.2	MT/12295		
10231494002	**MW-11**	EPA 353.2	MT/12295		
10231494003	**MW-15**	EPA 353.2	MT/12295		
10231654001	**MW-2**	EPA 353.2	MT/12295		
10231654002	**MW-3**	EPA 353.2	MT/12295		
10231654003	**MW-7**	EPA 353.2	MT/12295		
10231654004	**MW-1**	EPA 353.2	MT/12295		
10231075001	**MW-17**	SM 4500-S2-D	MT/12280		
10231075002	**MW-10**	SM 4500-S2-D	MT/12280		
10231075003	**MW-12**	SM 4500-S2-D	MT/12280		
10231148001	**MW-8**	SM 4500-S2-D	MT/12280		
10231148002	**MW-14**	SM 4500-S2-D	MT/12280		
10231148003	**MW-1D**	SM 4500-S2-D	MT/12280		
10231148004	**MW-4**	SM 4500-S2-D	MT/12280		
10231265001	**MW-9**	SM 4500-S2-D	MT/12327		
10231265002	**MW-16**	SM 4500-S2-D	MT/12327		
10231265003	**MW-5**	SM 4500-S2-D	MT/12327		
10231265004	**MW-13**	SM 4500-S2-D	MT/12327		
10231494001	**MW-6**	SM 4500-S2-D	MT/12327		
10231494002	**MW-11**	SM 4500-S2-D	MT/12327		
10231494003	**MW-15**	SM 4500-S2-D	MT/12327		
10231654001	**MW-2**	SM 4500-S2-D	MT/12327		
10231654002	**MW-3**	SM 4500-S2-D	MT/12327		
10231654003	**MW-7**	SM 4500-S2-D	MT/12327		
10231654004	**MW-1**	SM 4500-S2-D	MT/12327		
10231075001	**MW-17**	EPA 1664 OG	WET/30946		
10231075002	**MW-10**	EPA 1664 OG	WET/30946		
10231075003	**MW-12**	EPA 1664 OG	WET/30946		
10231148001	**MW-8**	EPA 1664 OG	WET/30871		
10231148002	**MW-14**	EPA 1664 OG	WET/30871		
10231148003	**MW-1D**	EPA 1664 OG	WET/30871		
10231148004	**MW-4**	EPA 1664 OG	WET/30871		
10231265001	**MW-9**	EPA 1664 OG	WET/30992		
10231265002	**MW-16**	EPA 1664 OG	WET/30992		
10231265003	**MW-5**	EPA 1664 OG	WET/30992		
10231265004	**MW-13**	EPA 1664 OG	WET/30992		

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: W-52510-EC-I Cherry Cleaners
Pace Project No.: 10231075

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10231494001	**MW-6**	EPA 1664 OG	WET/30992		
10231494002	**MW-11**	EPA 1664 OG	WET/30992		
10231494003	**MW-15**	EPA 1664 OG	WET/30992		
10231654001	**MW-2**	EPA 1664 OG	WET/31045		
10231654002	**MW-3**	EPA 1664 OG	WET/31045		
10231654003	**MW-7**	EPA 1664 OG	WET/31045		
10231654004	**MW-1**	EPA 1664 OG	WET/31045		
10231075001	**MW-17**	SM 2320B	WET/30850		
10231075002	**MW-10**	SM 2320B	WET/30850		
10231075003	**MW-12**	SM 2320B	WET/30850		
10231148001	**MW-8**	SM 2320B	WET/30850		
10231148002	**MW-14**	SM 2320B	WET/30850		
10231148003	**MW-1D**	SM 2320B	WET/30850		
10231148004	**MW-4**	SM 2320B	WET/30850		
10231265001	**MW-9**	SM 2320B	WET/30968		
10231265002	**MW-16**	SM 2320B	WET/30968		
10231265003	**MW-5**	SM 2320B	WET/30968		
10231265004	**MW-13**	SM 2320B	WET/30968		
10231494001	**MW-6**	SM 2320B	WET/30987		
10231494002	**MW-11**	SM 2320B	WET/30987		
10231494003	**MW-15**	SM 2320B	WET/30987		
10231654001	**MW-2**	SM 2320B	WET/30987		
10231654002	**MW-3**	SM 2320B	WET/30987		
10231654003	**MW-7**	SM 2320B	WET/30987		
10231654004	**MW-1**	SM 2320B	WET/30987		
10231075001	**MW-17**	EPA 300.0	WETA/15271		
10231075002	**MW-10**	EPA 300.0	WETA/15271		
10231075003	**MW-12**	EPA 300.0	WETA/15271		
10231148001	**MW-8**	EPA 300.0	WETA/15271		
10231148002	**MW-14**	EPA 300.0	WETA/15271		
10231148003	**MW-1D**	EPA 300.0	WETA/15271		
10231148004	**MW-4**	EPA 300.0	WETA/15271		
10231265001	**MW-9**	EPA 300.0	WETA/15271		
10231265002	**MW-16**	EPA 300.0	WETA/15271		
10231265003	**MW-5**	EPA 300.0	WETA/15224		
10231265004	**MW-13**	EPA 300.0	WETA/15224		
10231494001	**MW-6**	EPA 300.0	WETA/15224		
10231494002	**MW-11**	EPA 300.0	WETA/15224		
10231494003	**MW-15**	EPA 300.0	WETA/15224		
10231654001	**MW-2**	EPA 300.0	WETA/15224		
10231654002	**MW-3**	EPA 300.0	WETA/15224		
10231654003	**MW-7**	EPA 300.0	WETA/15224		
10231654004	**MW-1**	EPA 300.0	WETA/15224		

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

SHORT HOLD

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1129-30

10231075

TN 6613

Page: 1 of 1

1648641

Section A Required Client Information:

Company: ECC HORIZON
Address: 1101 ANDOVER PARK W.
TUKWILA, WA 98188
Email To: rhuebner@eccborizon.com
Phone: 206-518-6120 Fax/Cell: 520-770-4166
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ROBERT HUEBNER
Copy To: JAMES HOGAN
jhogan@eccborizon.com
Purchase Order No.:
Project Name: CHERRY CLEANERS
Project Number: W-S2510EC-I

Section C Invoice Information:

Attention: CATHY CETHLO
Company Name: ECC HORIZON
Address: 15 COMMERCE
Pace Quote Reference:
Pace Project Manager: R. GREER / J. GROSS
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Anl/Chloride/Sulfate	BSK 175	Nitrate+Nitrite	Oil+Grease 1664	Sulfide by 4500S2F	TOC BY 5310C	VOC 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-17	WT		6/4/13	1100				11	X	X		X	X			X		X	X	X	X	X	X		001
2	MW-10	WT		6/4/13	1300				11	X	X		X	X			X		X	X	X	X	X	X		002
3	MW-12	WT		6/4/13	1500				11	X	X		X	X			X		X	X	X	X	X	X		003
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Robert Huebner / ECC HORIZON	6/4/13	1500	[signature] TAF	6/4/13	1500	*	Y	N	Y
				TN / Pace	6613	915	1.0	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robert Huebner

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 6/4/13

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices [illegible]

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ECC Horizon

Project #: WO#: 10231075

10231075

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 5647 7474 7919

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☒ Yes ☐ No

Thermom. Used: ☐ 888A912167504 ☐ 80512447 ☒ 92337080 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.8 **Cooler Temp Corrected (°C):** 1.0 **Biological Tissue Frozen?** ☐ Yes ☐ No

Temp should be above freezing to 6°C **Correction Factor:** +.2 **Date and Initials of Person Examining Contents:** 6/6/13 TN

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☒ Yes	☐ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9. No bottles for TOC received
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11.
Sample Labels Match COC?	☐ Yes	☒ No	☐ N/A	12. COC states 11 containers received 10 6 10
-Includes Date/Time/ID/Analysis Matrix: WT				
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	☒ Yes	☐ No	☐ N/A	13. ☐ HNO3 ☒ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12)	☒ Yes	☐ No	☐ N/A	Sample # All 1
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☒ Yes	☐ No		Initial when completed: TN Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☒ No	☐ N/A	14.
Trip Blank Present?	☐ Yes	☒ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Rob H @ ECC **Date/Time:** ~~6/5/13~~ 6/5/13 via phone

Comments/Resolution:

TOC volume can be sent to Fremont (w/ WA state certs).

Project Manager Review: JENNI GLOSS **Date:** 6/6/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical
www.pacelabs.com

SHORT HOLD 1131 1139 6/6/13 MP

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10231148

Page: 1 of 1

1648642

Section A Required Client Information:

Company:	ECC HORIZON
Address:	1101 ANDOVER PARK W. TUKWILA, WA 98188
Email To:	rhuebner@eccborizon.com
Phone: 206-518-6120	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	ROBERT HUEBNER
Copy To:	rhuebner@eccborizon.com
Purchase Order No.:	
Project Name:	CHERRY CLEANERS
Project Number:	W-S2510EC-I

Section C Invoice Information:

Attention:	CATHY CETRULO
Company Name:	ECC HORIZON
Address:	15 COMMERCE
Pace Quote Reference:	
Pace Project Manager:	J. GLASS
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Y/N		
																		Analysis Test ↓		
																		Alk/Chloride/Sulfate		
																		RSK 175		
																		Nitrate + Nitrite		
																		Dissolved Iron		
																		Sulfide by 4500		
																		Toc by 5310C		
																		Voc 8260		
1	MW-8	WT		6/5/13	1000				11	X	X		X	X			X	X		001
2	MW-14	WT		6/5/13	1200				11	X	X		X	X			X	X		002
3	MW-10	WT		6/5/13	1300				11	X	X		X	X			X	X		003
4	MW-4	WT		6/5/13	1400				11	X	X		X	X			X	X		004
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	ROBERT HUEBNER / ECC HORIZON	6/5/13	1500	[illegible] FAF	6/5/13	1500
				CAW PACE	6/6/13	0915

SAMPLE CONDITIONS			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUEBNER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/5/13

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ECC Horizon

Project #: WO#: 10231148

10231148

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 5648 7474 7930

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☐ Yes ☒ No

Thermom. Used: ☒ B88A912167504 ☐ 80512447 ☐ 72337080 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.1 **Cooler Temp Corrected (°C):** 0.0 **Biological Tissue Frozen?** ☐ Yes ☐ No

Temp should be above freezing to 6°C **Correction Factor:** −0.1 **Date and Initials of Person Examining Contents:** 6/6/13

Comments:

Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☒ Yes	☐ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11.
Sample Labels Match COC?	☐ Yes	☒ No	☐ N/A	12. COC 11 Containers Actual - 10 containers NO CONT. for TOC SMP
-Includes Date/Time/ID/Analysis Matrix: WT				
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	☒ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☒ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12)	☒ Yes	☐ No	☐ N/A	Sample # MW8 MW14 MW 1D MW H — 4 4
Exceptions: VOA, Coliform, TOC, O&G, WI-DRO (water)	☒ Yes	☐ No		Initial when completed: MW 6/6 Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☒ No	☐ N/A	14.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☒ No	☐ N/A	
Pace Trip Blank Lot # (if purchased): 05131-3				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Rob @ ECC Date/Time: 6/5/13 via phone

Comments/Resolution:

OK to sub TOC to Fremont, w/ WA state certs. SM

Project Manager Review: JENNI SMITH Date: 6/6/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10231265

Page: 1 of 1

1648677

Section A Required Client Information:

Company: ECC HORIZON
Address: 1101 Anderson Park W.
TUKWILA, WA 98188
Email To: rhuebner@eccchorizon.com
Phone: 206-518-6120 Fax: 206-518-6123
Requested Due Date/TAT:

Section B Required Project Information:

Report To: ROBERT HUEBNER
Copy To: JAMES HOGAN
JHogan@eccchorizon.com
Purchase Order No.:
Project Name: CHERRY CREEK NORTH
Project Number: W-5251OEC-I

Section C Invoice Information:

Attention: CATHY CETRULO
Company Name: ECCHORIZON
Address: 15 COMMERCE
Pace Quote Reference:
Pace Project Manager: J. GROSS
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Alkalinity/Chloride/Color	Nitrate+Nitrite	Oil+Grease by 1664	Sulfide by 4500	TOC by 5310C	VOC 8260	RSK 175	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-9	WT		6/5/13	1600				11	X	X		X	X			X		X	X	X	X	X	X			10231265001
2	MW-16	WT		6/6/13	1100				11	X	X		X	X			X		X	X	X	X	X	X			002
3	MW-5	WT		6/6/13	1200				11	X	X		X	X			X		X	X	X	X	X	X			003
4	MW-13	WT		6/6/13	1330				11	X	X		X	X			X		X	X	X	X	X	X			004
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	ROBERT HUEBNER / ECC Horizon	6/6/13	1500	PACE	6/6/13	1500	4.1	Y	N	Y
					6/7/13	0940	2.3 2.0	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ROBERT HUEBNER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/6/13

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ECC

Project #: WO# : 10231265

10231265

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace [ ] Other:

Tracking Number: 5647 7424 4010,800

Custody Seal on Cooler/Box Present? [X] Yes [ ] No **Seals Intact?** [X] Yes [ ] No

Optional: Proj. Due Date: Proj. Name:

Packing Material: [X] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other: **Temp Blank?** [ ] Yes [X] No

Thermom. Used: [X] 888A912167504 [ ] 80512447 [X] 72337080 **Type of Ice:** [ ] Wet [ ] Blue [ ] None [ ] Samples on ice, cooling process has begun

Cooler Temp Read (°C): 2.4, 1.6 **Cooler Temp Corrected (°C):** 2.3 2.0 **Biological Tissue Frozen?** [ ] Yes [ ] No

Temp should be above freezing to 6°C **Correction Factor:** -0.1, to .2 **Date and Initials of Person Examining Contents:** 6/7/13

				Comments:
Chain of Custody Present?	[X] Yes	[ ] No	[ ] N/A	1.
Chain of Custody Filled Out?	[X] Yes	[ ] No	[ ] N/A	2.
Chain of Custody Relinquished?	[X] Yes	[ ] No	[ ] N/A	3.
Sampler Name and/or Signature on COC?	[X] Yes	[ ] No	[ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes	[ ] No	[ ] N/A	5.
Short Hold Time Analysis (<72 hr)?	[X] Yes	[ ] No	[ ] N/A	6.
Rush Turn Around Time Requested?	[ ] Yes	[X] No	[ ] N/A	7.
Sufficient Volume?	[X] Yes	[ ] No	[ ] N/A	8.
Correct Containers Used?	[X] Yes	[ ] No	[ ] N/A	9. No container for TOC
-Pace Containers Used?	[X] Yes	[ ] No	[ ] N/A	
Containers Intact?	[X] Yes	[ ] No	[ ] N/A	10.
Filtered Volume Received for Dissolved Tests?	[ ] Yes	[ ] No	[X] N/A	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	[X] Yes	[ ] No	[ ] N/A	12.
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	[X] Yes	[ ] No	[ ] N/A	13. [ ] HNO_3 [X] H_2SO_4 [X] NaOH +Zn Acc [ ] HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12) Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	[X] Yes	[ ] No	[ ] N/A	Sample # Mw 9, 16, 5, 13 2 of 2 for all
	[X] Yes	[ ] No		Initial when completed: JB Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	[ ] Yes	[X] No	[ ] N/A	14.
Trip Blank Present?	[ ] Yes	[X] No	[ ] N/A	15.
Trip Blank Custody Seals Present?	[ ] Yes	[ ] No	[X] N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** [ ] Yes [ ] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Shauna Jarvis **Date:** 6-7-13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical
www.pacelabs.com

SHORT HOLD 1121 1150 6/18/13 RA

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10231497

Page: 1 of 1

1648678

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ECC HORIZON	Report To: ROBERT HUEBNER	Attention: CATHY CETRULO
Address: 1101 ANDOVER PARK W.	Copy To: JAMES HOGAN	Company Name: ECC HORIZON
	JHogan@eccHorizon.com	Address: 15 COMMERCE
Email To: rhuebner@eccHorizon.com	Purchase Order No.:	Pace Quote Reference:
Phone: 206-518-6120 Fax: 206-518-6123	Project Name: CHERRY CLEANERS	Pace Project Manager:
Requested Due Date/TAT:	Project Number: W-S2510EC-I	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: WA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	Alkalinity/Chloride/Sulf	Nitrate+Nitrite	Dilt/Grease by 1664	Sulfide by 4500	TOC by 5310C	Voc 8260	RSK 175	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-6	WT		6/7/13	1100					11	X	X		X	X			X		X	X	X	X	X	X	X			001
2	MW-11	WT		6/7/13	1230					11	X	X		X	X			X		X	X	X	X	X	Y	X			002
3	MW-15	WT		6/7/13	1400					11	X	X		X	X			X		X	X	X	X	X	X	X			003
4	MW-115	WT		6/7/13	0600					3				X												X			004
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Robert Huebner / ECC Horizon	6/7/13	1500	PACE	6-7-13	1500	5.9	Y	N	Y
				PACE	6/8/13	900	0.8	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robert Huebner

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/7/13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ECL Horizon

Project #: WO# : 10231494

10231494

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other: _____

Tracking Number: 5647 7474 8102

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other: PB **Temp Blank?** ☒ Yes ☐ No

Thermom. Used: ☒ B88A912167504 ☐ 80512447 ☐ 72337080 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.9 **Cooler Temp Corrected (°C):** 0.8 **Biological Tissue Frozen?** ☐ Yes ☐ No

Temp should be above freezing to 6°C **Correction Factor:** -.1 **Date and Initials of Person Examining Contents:** 6/8/13 MT

Comments:

Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☒ Yes	☐ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9. No TOC container
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☒ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	☒ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☒ H_2SO_4 ☒ NaOH ~~+Zn~~ acet. ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12)	☒ Yes	☐ No	☐ N/A	Sample # 1-3 1/1 1/1
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☒ Yes	☐ No		Initial when completed: MT Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☒ No	☐ N/A	14.
Trip Blank Present?	☐ Yes	☒ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☒ No	☐ N/A	
Pace Trip Blank Lot # (If purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: TOC to Fremont 06

Project Manager Review: JENNI GROSS **Date:** 6/10/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical
www.pacelabs.com

SHORT HOLD 6/14/13

10231654

Page: 1 of 1

1648679

Section A Required Client Information:

Company:	ECC HORIZON
Address:	1101 ANDOVER PARK W. TUKWILA, WA 98188
Email To:	rhuebner@ecchorizon.com
Phone: 206 518-6120	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	ROBERT HUEBNER
Copy To:	Jhogan@ecchorizon.com
Purchase Order No.:	
Project Name:	CHERRY CLEANERS
Project Number:	W-52510EC-I

Section C Invoice Information:

Attention:	CATHY CERNIWO
Company Name:	ECC HORIZON
Address:	15 COMMERCE
Pace Quote Reference:	
Pace Project Manager:	J. GROSS
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Alkalinity/Chloride/Cl&r	Nitrate + Nitrite	Orthophosphate by 16647	Sulfide by 4500	TOC by 5310C	VOC 8260	RSK 175	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT		6/10/13	1030				11	X	X		X	X			X		X	X	X	X	X	X	001
2	MW-3	WT		6/10/13	1130				11	X	X		X	X			X		X	X	X	X	X	X	002
3	MW-7	WT		6/10/13	1300				11	X	X		X	X			X		X	X	X	X	X	X	003
4	MW-1	WT		6/10/13	1430				11	X	X		X	X			X		X	X	X	X	X	X	004
5	MW-PURGE	WT		6/10/13	1445				3				X									X			005
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	ROBERT HUEBNER / ECC HORIZON	6/10/13	1500	Michael Oblen PACE CSL/PACE	6-10-13	1580	3.4
					6-11-13	0835	2.6

	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	4	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: ROBERT HUEBNER
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/10/13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Jan2013 Page 1 of 1
	Document No.: F-MN-L-213-rev.06	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: Ecc horizon

Project #: WO# : 10231654

10231654

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 5647 7424 8113, 8129

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermom. Used: ☐ B88A912167504 ☐ 80512447 ☑ 72337080 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on Ice, cooling process has begun

Cooler Temp Read (°C): 2.1, 2.4 **Cooler Temp Corrected (°C):** 2.3, 2.6 **Biological Tissue Frozen?** ☐ Yes ☐ No

Temp should be above freezing to 6°C **Correction Factor:** +0.2 **Date and Initials of Person Examining Contents:** CS, 6-11-13

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☑ Yes	☐ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used? dcs/11	☑ Yes	☑ No	☐ N/A	9. No bottle for TOC
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☑ Yes	☐ No	☐ N/A	12. TB Nutonca
All containers needing acid/base preservation have been checked? Noncompliances are noted in 13.	☑ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☑ H_2SO_4 ☐ NaOH ☐ HCl Sample # 1-1
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH>12)	☑ Yes	☐ No	☐ N/A	MW-2,3,7,1.
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☑ Yes	☐ No		Initial when completed: CY Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☑ Yes	☐ No	☐ N/A	14. MW-1-1vial, purge-2VIAL
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	2TB
Pace Trip Blank Lot # (if purchased): WATB				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: JENNI GROSS **Date:** 6/12/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical	Document Name: MN to MT Sample Transfer Form	Revised Date: 15May2013
	Page: 1 of 1	
	Document Number: F-MN-C-043-rev.08	Issuing Authority: Pace Minnesota Quality Office

Shipping (circle):	UPS Fed Ex
Tracking #:	5540 9199 8377
Client:	ECC Horizon
Due Date:	20-Jun-2013
Pace WO:	10231075
Project Manager:	Jenni Gross

MN to MT Sample Transfer Condition Upon Receipt Form

ANALYSIS REQUESTED					
Method Number & Description	Container Type	# of Bottles	Number of Samples	Preservative Yes or No	Verify Arrival Date & Initials
Tests					
Chloride, Sulfate 300.0	BP3U	3	3	NA	✓ NCT
N+N 353.2	BP3S	3	3	Y	✓ Recvd
Acetate-Sulfide (short hold)	BP2Z	3	3	Y	✓ 6/7/13

REPORTING REQUIREMENTS/ADDITIONAL COMMENTS

MONTANA SAMPLE RECEIPT INFORMATION			
IR Gun: 1383045, Correction Factor: 0.0		Sample Matrix:	H_2O
Cooler Temp Read (°C): 1.8	Cooler Temp Corrected (°C): 1.8	Filtred volume rec'd for dissolved tests:	Yes __ No__ NA X
Arrived on Ice:	Yes X No__	Samples pH have been checked:	Yes X No__ NA__
Custody Seal Present:	Yes X No__	Trip Blank Present:	Yes __ No__ NA X
Short Hold Time Requested < 72 Hours:	Yes __ No X	Trip Blank Custody Seals Present:	Yes __ No__ NA X
Rush TAT Requested:	Yes __ No X	Pace Trip Blank Lot #:	NA
Sufficient Sample Volume:	Yes X No__	Sample Composites Required:	Yes __ No__ NA X
Samples Arrived within Hold Time:	Yes X No__	Report Samples:	Wet Wt. __ Dry Wt.__
Containers Intact:	Yes X No__	Reporting Units:	NA

NCT 6/7/13 NaOH (1/1)

CUSTODY TRANSFER					
Relinquished by/Affiliation	Date	Time	Accepted By Affiliation	Date	Time
Cassy Sparks Pace MN Fedex	6-6-13 6/7/13	4:00 0940	Norma C Montelle/Pace	6/7/13	0940

CLIENT NOTIFICATION/RESOLUTION
Person Contacted: _____ Date: _____
Comments/Resolution: _____

Project Manager Review: JENNI GROSS Date: 6/12/13

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Pace Analytical Seattle
Jennifer Gross
940 South Harney
Seattle, Washington 98108

RE: W-52510EC-I Cherry Cleaners
Lab ID: 1306085

June 18, 2013

Attention Jennifer Gross:

Fremont Analytical, Inc. received 18 sample(s) on 6/12/2013 for the analyses presented in the following report.

Total Organic Carbon by SM 5310C

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners
Lab Order: 1306085

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1306085-001	MW-1	06/10/2013 2:30 PM	06/12/2013 4:00 PM
1306085-002	MW-1D	06/05/2013 1:00 PM	06/12/2013 4:00 PM
1306085-003	MW-2	06/10/2013 10:30 AM	06/12/2013 4:00 PM
1306085-004	MW-3	06/10/2013 11:30 AM	06/12/2013 4:00 PM
1306085-005	MW-4	06/05/2013 2:00 PM	06/12/2013 4:00 PM
1306085-006	MW-5	06/06/2013 12:00 PM	06/12/2013 4:00 PM
1306085-007	MW-6	06/07/2013 11:00 AM	06/12/2013 4:00 PM
1306085-008	MW-7	06/10/2013 1:00 PM	06/12/2013 4:00 PM
1306085-009	MW-8	06/05/2013 10:00 AM	06/12/2013 4:00 PM
1306085-010	MW-9	06/05/2013 4:00 PM	06/12/2013 4:00 PM
1306085-011	MW-10	06/04/2013 1:00 PM	06/12/2013 4:00 PM
1306085-012	MW-11	06/07/2013 12:30 PM	06/12/2013 4:00 PM
1306085-013	MW-12	06/04/2013 3:00 PM	06/12/2013 4:00 PM
1306085-014	MW-13	06/06/2013 1:30 PM	06/12/2013 4:00 PM
1306085-015	MW-14	06/05/2013 12:00 PM	06/12/2013 4:00 PM
1306085-016	MW-15	06/07/2013 2:00 PM	06/12/2013 4:00 PM
1306085-017	MW-16	06/06/2013 11:00 AM	06/12/2013 4:00 PM
1306085-018	MW-17	06/04/2013 11:00 AM	06/12/2013 4:00 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1306085**
Date: **6/18/2013**

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1306085**
Date Reported: **6/18/2013**

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

Lab ID: 1306085-001 **Collection Date:** 6/10/2013 2:30:00 PM
Client Sample ID: **MW-1** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	1,420	250	D	mg/L	500	6/14/2013 1:15:53 PM

NOTES:
Sample contained an oily layer.

Lab ID: 1306085-002 **Collection Date:** 6/5/2013 1:00:00 PM
Client Sample ID: **MW-1D** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.647	0.500		mg/L	1	6/14/2013 12:29:34 AM

Lab ID: 1306085-003 **Collection Date:** 6/10/2013 10:30:00 AM
Client Sample ID: **MW-2** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	799	250	D	mg/L	500	6/14/2013 1:00:02 PM

NOTES:
Sample contained an oily layer.

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1306085**
Date Reported: **6/18/2013**

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

Lab ID: 1306085-004 **Collection Date:** 6/10/2013 11:30:00 AM
Client Sample ID: **MW-3** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	1,730	250	D	mg/L	500	6/14/2013 12:39:16 PM

NOTES:
Sample contained an oily layer.

Lab ID: 1306085-005 **Collection Date:** 6/5/2013 2:00:00 PM
Client Sample ID: **MW-4** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.568	0.500		mg/L	1	6/14/2013 12:09:09 AM

Lab ID: 1306085-006 **Collection Date:** 6/6/2013 12:00:00 PM
Client Sample ID: **MW-5** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.776	0.500		mg/L	1	6/13/2013 11:48:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

Lab ID: 1306085-007 **Collection Date:** 6/7/2013 11:00:00 AM
Client Sample ID: **MW-6** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.656	0.500		mg/L	1	6/13/2013 11:28:17 PM

Lab ID: 1306085-008 **Collection Date:** 6/10/2013 1:00:00 PM
Client Sample ID: **MW-7** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	1,490	250	D	mg/L	500	6/14/2013 12:23:20 PM

NOTES:
Sample contained an oily layer.

Lab ID: 1306085-009 **Collection Date:** 6/5/2013 10:00:00 AM
Client Sample ID: **MW-8** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.560	0.500		mg/L	1	6/13/2013 10:37:06 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

Lab ID: 1306085-010 **Collection Date:** 6/5/2013 4:00:00 PM
Client Sample ID: **MW-9** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	4.74	0.500		mg/L	1	6/13/2013 9:55:55 PM

Lab ID: 1306085-011 **Collection Date:** 6/4/2013 1:00:00 PM
Client Sample ID: **MW-10** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.783	0.500		mg/L	1	6/13/2013 9:35:06 PM

Lab ID: 1306085-012 **Collection Date:** 6/7/2013 12:30:00 PM
Client Sample ID: **MW-11** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	1.40	0.500		mg/L	1	6/13/2013 9:14:37 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

Lab ID: 1306085-013 **Collection Date:** 6/4/2013 3:00:00 PM
Client Sample ID: **MW-12** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.619	0.500		mg/L	1	6/13/2013 8:54:06 PM

Lab ID: 1306085-014 **Collection Date:** 6/6/2013 1:30:00 PM
Client Sample ID: **MW-13** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.838	0.500		mg/L	1	6/13/2013 8:33:40 PM

Lab ID: 1306085-015 **Collection Date:** 6/5/2013 12:00:00 PM
Client Sample ID: **MW-14** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.940	0.500		mg/L	1	6/13/2013 8:13:12 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

Lab ID: 1306085-016 **Collection Date:** 6/7/2013 2:00:00 PM
Client Sample ID: **MW-15** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	1.16	0.500		mg/L	1	6/13/2013 7:52:46 PM

Lab ID: 1306085-017 **Collection Date:** 6/6/2013 11:00:00 AM
Client Sample ID: **MW-16** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.948	0.500		mg/L	1	6/13/2013 7:32:16 PM

Lab ID: 1306085-018 **Collection Date:** 6/4/2013 11:00:00 AM
Client Sample ID: **MW-17** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Organic Carbon by SM 5310C				Batch ID: R8913		Analyst: PH
Total Organic Carbon	0.924	0.500		mg/L	1	6/13/2013 5:43:21 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1306085
CLIENT: Pace Analytical Seattle
Project: W-52510EC-I Cherry Cleaners

QC SUMMARY REPORT

Total Organic Carbon by SM 5310C

Sample ID: **MB-R8913**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **6/13/2013**	RunNo: **8913**
Client ID: **MBLKW**	Batch ID: **R8913**		Analysis Date: **6/13/2013**	SeqNo: **178833**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	0.500									

Sample ID: **LCS-R8913**	SampType: **LCS**	Units: **mg/L**	Prep Date: **6/13/2013**	RunNo: **8913**
Client ID: **LCSW**	Batch ID: **R8913**		Analysis Date: **6/13/2013**	SeqNo: **178834**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	4.83	0.500	5.000	0	96.5	80	120				

Sample ID: **1306085-018ADUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **6/13/2013**	RunNo: **8913**
Client ID: **MW-17**	Batch ID: **R8913**		Analysis Date: **6/13/2013**	SeqNo: **178840**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	0.894	0.500						0.9237	3.30	20	

Sample ID: **1306085-018AMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **6/13/2013**	RunNo: **8913**
Client ID: **MW-17**	Batch ID: **R8913**		Analysis Date: **6/13/2013**	SeqNo: **178841**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	5.76	0.500	5.000	0.9237	96.8	70	130				

Sample ID: **1306085-018AMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **6/13/2013**	RunNo: **8913**
Client ID: **MW-17**	Batch ID: **R8913**		Analysis Date: **6/13/2013**	SeqNo: **178842**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	5.83	0.500	5.000	0.9237	98.1	70	130	5.763	1.14	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **PACE**	Work Order Number: **1306085**
Logged by: **Chelsea Ward**	Date Received: **6/12/2013 4:00:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required	☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present	☐
3.	How was the sample delivered?	Client					

Log In

4.	Coolers are present?	Yes	☑	No	☐	NA	☐
5.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA	☐
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☑	No	☐	NA	☐
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐		
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐		
9.	Are samples properly preserved?	Yes	☑	No	☐		
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA	☐
11.	Is there headspace present in VOA vials?	Yes	☑	No	☐	NA	☐
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐		
13.	Does paperwork match bottle labels?	Yes	☑	No	☐		
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐		
15.	Is it clear what analyses were requested?	Yes	☑	No	☐		
16.	Were all holding times able to be met?	Yes	☑	No	☐		

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA	☑

Person Notified:	Jennifer Gross	Date:	6/12/2013
By Whom:	Clare Griggs	Via:	☐ eMail ☑ Phone ☐ Fax ☐ In Person
Regarding:	Sample Order		
Client Instructions:	Client called to clarify that, despite having multiple chains, they want the samples logged toget		

18. Additional remarks/Disrepancies

Item Information

Item #	Temp ºC	Condition
Cooler	7.9	Good
Temp Blank	5.4	Good

Chain of Custody

1306085

Pace Analytical®
www.pacelabs.com

Workorder: 10231265 **Workorder Name:** W-52510EC-I Cherry Cleaners **Results Requested** 2013-06-21

Report / Invoice To	Subcontract To
Jennifer Gross Pace Analytical Seattle 940 South Harney Seattle, WA 98108 Phone (206)767-5060 Email: jennifer.gross@pacelabs.com	Fremont Analytical P.O.

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: HCl	Requested Analysis: 5310 TOC by	LAB USE ONLY
1	MW-9	2013-06-05 16:00	10231265001	Water	1	X	
2	MW-16	2013-06-06 11:00	10231265002	Water	1	X	
3	MW-5	2013-06-06 12:00	10231265003	Water	1	X	
4	MW-13	2013-06-06 13:30	10231265004	Water	1	X	
5							

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1	Michael Olson PACE	6-12-13, 1600		6/12/13 1600
2				
3				

Cooler Temperature on Receipt ____ °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

Chain of Custody

1306085

Pace Analytical
www.pacelabs.com

Workorder: 10231075 Workorder Name: W-5251-EC-I Cherry Cleaners Results Requested 6/20/2013

Report / Invoice To	Subcontract To
Jennifer Gross Pace Analytical Seattle 940 South Harney Seattle, WA 98108 Phone (206)767-5060 Email: jennifer.gross@pacelabs.com	Fremont Analytical P.O._____

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: 125ml	Requested Analysis: TOC by 5310C	LAB USE ONLY
1	MW-17	6/4/2013 11:00	10231075001	Water	1	X	
2	MW-10	6/4/2013 13:00	10231075002	Water	1	X	
3	MW-12	6/4/2013 15:00	10231075003	Water	1	X	
4							
5							

Transfers	Released By	Date/Time	Received By	Date/Time
1	Michael Olsen FAKE	6-12-13, 1600	[signature]	6/12/13 1600
2				
3				

Comments

Cooler Temperature on Receipt 7.9 °C | Custody Seal (Y) or N | Received on Ice (Y) or N | Samples Intact (Y) or N

Chain of Custody

13060085

Pace Analytical®
www.pacelabs.com

Workorder: 10231654 **Workorder Name:** W-52510EC-I Cherry Cleaners **Results Requested** 2013-06-20

Report / Invoice To	Subcontract To
Jennifer Gross Pace Analytical Seattle 940 South Harney Seattle, WA 98108 Phone (206)767-5060 Email: jennifer.gross@pacelabs.com	Fremont Analytical PO.

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: H2SO4	Requested Analysis: TOC by S310C	LAB USE ONLY
1	MW-2	2013-06-10 10:30	10231654001	Water	1	X	
2	MW-3	2013-06-10 11:30	10231654002	Water	1	X	
3	MW-7	2013-06-10 13:00	10231654003	Water	1	X	
4	MW-1	2013-06-10 14:30	10231654004	Water	1	X	
5	~~MW-Purge~~	~~2013-06-10 14:45~~	~~10231654005~~	~~Water~~	~~1~~	~~X~~	

6/12/13

Transfers	Released By	Date/Time	Received By	Date/Time
1	Michael Obian PAE	6-12-13, 1600		6/12/13 1600
2				
3				

Comments

Cooler Temperature on Receipt ____ °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

Chain of Custody

1301085

Pace Analytical®
www.pacelabs.com

Workorder: 10231494 **Workorder Name:** W-52510EC-I Cherry Cleaners **Results Requested** 2013-06-19

Report / Invoice To	Subcontract To	Requested Analysis
Jennifer Gross Pace Analytical Seattle 940 South Harney Seattle, WA 98108 Phone (206)767-5060 Email: jennifer.gross@pacelabs.com	Fremont Analytical P.O. _____	TOC by 5310

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: H2SO4	Preserved Containers: other	LAB USE ONLY
1	MW-6	2013-06-07 11:00	10231494001	Water	1		
2	MW-11	2013-06-07 12:30	10231494002	Water	1		
3	MW-15	2013-06-07 14:00	10231494003	Water	1		
4	~~MW-115~~	~~2013-06-07 06:00~~	~~10231494004~~	~~Water~~	~~1~~		
5							

X X X 06/12/13

Transfers	Released By	Date/Time	Received By	Date/Time
1	Michael O'Brien PACE	6-12-13, 1600		6/12/13 1600
2				
3				

Comments

Cooler Temperature on Receipt _____ °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

Chain of Custody

13060085

Pace Analytical
www.pacelabs.com

Workorder: 10231148 **Workorder Name:** W-52510EC-I Cherry Cleaners **Results Requested** 6/17/2013

Report / Invoice To	Subcontract To
Jennifer Gross Pace Analytical Seattle 940 South Harney Seattle, WA 98108 Phone (206)767-5060 Email: jennifer.gross@pacelabs.com	Fremont Analytical P.O. _____

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: HCl	Requested Analysis: TOC by SM5310C	LAB USE ONLY
1	MW-8	6/5/2013 10:00	10231148001	Water	1	XXX	
2	MW-14	6/5/2013 12:00	10231148002	Water	1		
3	MW-1D	6/5/2013 13:00	10231148003	Water	1		
4	MW-4	6/5/2013 14:00	10231148004	Water	1		
5							

Transfers	Released By	Date/Time	Received By	Date/Time
1	Michael Cain PAEL	6/12/13, 1600		6/12/13 1600
2				
3				

Comments

Cooler Temperature on Receipt _____ °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N