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

November 01, 2012

Mr. Dennis McComas
Thatcher Engineering
3055 Old Highway 8
Suite 103
Minneapolis, MN 55418

RE: Project: St.Francis
Pace Project No.: 10209237

Dear Mr. McComas:
Enclosed are the analytical results for sample(s) received by the laboratory on October 18, 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,

Andrea Opland

andrea.opland@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: St.Francis
Pace Project No.: 10209237

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

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SAMPLE SUMMARY

Project: St.Francis
Pace Project No.: 10209237

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10209237001	**Tank 1**	Solid	10/18/12 00:00	10/18/12 16:24
10209237002	**Tank 2**	Solid	10/18/12 00:00	10/18/12 16:24
10209237003	**Tank 3**	Solid	10/18/12 00:00	10/18/12 16:24
10209237004	**Tank 4**	Solid	10/18/12 00:00	10/18/12 16:24
10209237005	**Trip Blank**	Solid	10/18/12 00:00	10/18/12 16:24

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SAMPLE ANALYTE COUNT

Project: St.Francis
Pace Project No.: 10209237

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10209237001	Tank 1	WI MOD DRO	MT	2
		WI MOD GRO	KT1	7
		ASTM D2974	JDL	1
10209237002	Tank 2	WI MOD DRO	JRH	2
		WI MOD GRO	KT1	7
		ASTM D2974	JDL	1
10209237003	Tank 3	WI MOD DRO	MT	2
		WI MOD GRO	KT1	7
		ASTM D2974	JDL	1
10209237004	Tank 4	WI MOD GRO	KT1	7
		ASTM D2974	JDL	1
10209237005	Trip Blank	WI MOD GRO	KT1	7

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ANALYTICAL RESULTS

Project: St.Francis
Pace Project No.: 10209237

Sample: Tank 1 **Lab ID: 10209237001** Collected: 10/18/12 00:00 Received: 10/18/12 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**68.8**	mg/kg	7.2	1	10/23/12 12:49	10/25/12 14:50		L2
Surrogates								
n-Triacontane (S)	81	%	50-150	1	10/23/12 12:49	10/25/12 14:50		P2
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Benzene	ND	mg/kg	0.64	10	10/24/12 14:46	10/26/12 15:04	71-43-2	
Ethylbenzene	**6.2**	mg/kg	0.64	10	10/24/12 14:46	10/26/12 15:04	100-41-4	
Gasoline Range Organics	**617**	mg/kg	63.7	10	10/24/12 14:46	10/26/12 15:04		
Methyl-tert-butyl ether	ND	mg/kg	3.2	10	10/24/12 14:46	10/26/12 15:04	1634-04-4	
Toluene	**2.8**	mg/kg	0.64	10	10/24/12 14:46	10/26/12 15:04	108-88-3	
Xylene (Total)	**56.1**	mg/kg	1.9	10	10/24/12 14:46	10/26/12 15:04	1330-20-7	
Surrogates								
a,a,a-Trifluorotoluene (S)	83	%	80-125	10	10/24/12 14:46	10/26/12 15:04	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**21.2**	%	0.10	1		10/24/12 00:00		

Sample: Tank 2 **Lab ID: 10209237002** Collected: 10/18/12 00:00 Received: 10/18/12 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**447**	mg/kg	53.8	10	10/23/12 12:49	10/26/12 10:39		L2,T7
Surrogates								
n-Triacontane (S)	82	%	50-150	10	10/23/12 12:49	10/26/12 10:39		P2
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Benzene	ND	mg/kg	3.2	50	10/24/12 14:46	10/26/12 16:06	71-43-2	
Ethylbenzene	**116**	mg/kg	3.2	50	10/24/12 14:46	10/26/12 16:06	100-41-4	
Gasoline Range Organics	**5490**	mg/kg	316	50	10/24/12 14:46	10/26/12 16:06		
Methyl-tert-butyl ether	ND	mg/kg	15.8	50	10/24/12 14:46	10/26/12 16:06	1634-04-4	
Toluene	**358**	mg/kg	3.2	50	10/24/12 14:46	10/26/12 16:06	108-88-3	
Xylene (Total)	**872**	mg/kg	9.5	50	10/24/12 14:46	10/26/12 16:06	1330-20-7	
Surrogates								
a,a,a-Trifluorotoluene (S)	90	%	80-125	50	10/24/12 14:46	10/26/12 16:06	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**19.2**	%	0.10	1		10/24/12 00:00		

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ANALYTICAL RESULTS

Project: St.Francis
Pace Project No.: 10209237

Sample: Tank 3 **Lab ID: 10209237003** Collected: 10/18/12 00:00 Received: 10/18/12 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**19.1**	mg/kg	7.5	1	10/23/12 12:49	10/25/12 14:42		L2
Surrogates								
n-Triacontane (S)	89	%	50-150	1	10/23/12 12:49	10/25/12 14:42		P2
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Benzene	ND	mg/kg	0.053	1	10/24/12 14:46	10/26/12 13:41	71-43-2	
Ethylbenzene	ND	mg/kg	0.053	1	10/24/12 14:46	10/26/12 13:41	100-41-4	
Gasoline Range Organics	ND	mg/kg	5.3	1	10/24/12 14:46	10/26/12 13:41		
Methyl-tert-butyl ether	ND	mg/kg	0.27	1	10/24/12 14:46	10/26/12 13:41	1634-04-4	
Toluene	ND	mg/kg	0.053	1	10/24/12 14:46	10/26/12 13:41	108-88-3	
Xylene (Total)	ND	mg/kg	0.16	1	10/24/12 14:46	10/26/12 13:41	1330-20-7	
Surrogates								
a,a,a-Trifluorotoluene (S)	100	%	80-125	1	10/24/12 14:46	10/26/12 13:41	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**7.6**	%	0.10	1		10/24/12 00:00		

Sample: Tank 4 **Lab ID: 10209237004** Collected: 10/18/12 00:00 Received: 10/18/12 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Benzene	ND	mg/kg	0.060	1	10/24/12 14:46	10/25/12 16:46	71-43-2	
Ethylbenzene	ND	mg/kg	0.060	1	10/24/12 14:46	10/25/12 16:46	100-41-4	
Gasoline Range Organics	ND	mg/kg	6.0	1	10/24/12 14:46	10/25/12 16:46		
Methyl-tert-butyl ether	ND	mg/kg	0.30	1	10/24/12 14:46	10/25/12 16:46	1634-04-4	
Toluene	ND	mg/kg	0.060	1	10/24/12 14:46	10/25/12 16:46	108-88-3	
Xylene (Total)	ND	mg/kg	0.18	1	10/24/12 14:46	10/25/12 16:46	1330-20-7	
Surrogates								
a,a,a-Trifluorotoluene (S)	100	%	80-125	1	10/24/12 14:46	10/25/12 16:46	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**14.3**	%	0.10	1		10/25/12 00:00		

Sample: Trip Blank **Lab ID: 10209237005** Collected: 10/18/12 00:00 Received: 10/18/12 16:24 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Benzene	ND	mg/kg	0.050	1	10/24/12 14:46	10/25/12 14:01	71-43-2	
Ethylbenzene	ND	mg/kg	0.050	1	10/24/12 14:46	10/25/12 14:01	100-41-4	
Gasoline Range Organics	ND	mg/kg	5.0	1	10/24/12 14:46	10/25/12 14:01		

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ANALYTICAL RESULTS

Project: St.Francis
Pace Project No.: 10209237

Sample: Trip Blank **Lab ID: 10209237005** Collected: 10/18/12 00:00 Received: 10/18/12 16:24 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Methyl-tert-butyl ether	ND	mg/kg	0.25	1	10/24/12 14:46	10/25/12 14:01	1634-04-4	
Toluene	ND	mg/kg	0.050	1	10/24/12 14:46	10/25/12 14:01	108-88-3	
Xylene (Total)	ND	mg/kg	0.15	1	10/24/12 14:46	10/25/12 14:01	1330-20-7	
Surrogates								
a,a,a-Trifluorotoluene (S)	101	%	80-125	1	10/24/12 14:46	10/25/12 14:01	98-08-8	

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QUALITY CONTROL DATA

Project: St.Francis
Pace Project No.: 10209237

QC Batch: GCV/9934 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 10209237001, 10209237002, 10209237003, 10209237004, 10209237005

METHOD BLANK: 1317664 Matrix: Solid
Associated Lab Samples: 10209237001, 10209237002, 10209237003, 10209237004, 10209237005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	mg/kg	ND	0.050	10/25/12 12:59	
Ethylbenzene	mg/kg	ND	0.050	10/25/12 12:59	
Gasoline Range Organics	mg/kg	ND	5.0	10/25/12 12:59	
Methyl-tert-butyl ether	mg/kg	ND	0.25	10/25/12 12:59	
Toluene	mg/kg	ND	0.050	10/25/12 12:59	
Xylene (Total)	mg/kg	ND	0.15	10/25/12 12:59	
a,a,a-Trifluorotoluene (S)	%	101	80-125	10/25/12 12:59	

LABORATORY CONTROL SAMPLE & LCSD: 1317665 1317666

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	mg/kg	5	5.3	5.3	107	106	80-120	.8	20	
Ethylbenzene	mg/kg	5	5.4	5.3	109	106	80-120	2	20	
Gasoline Range Organics	mg/kg	50	52.3	50.8	105	102	80-120	3	20	
Methyl-tert-butyl ether	mg/kg	5	4.7	4.9	94	97	80-120	3	20	
Toluene	mg/kg	5	5.4	5.4	109	107	80-120	2	20	
Xylene (Total)	mg/kg	15	16.5	16.1	110	108	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				95	98	80-125			

MATRIX SPIKE SAMPLE: 1317667

Parameter	Units	10209782001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	ND	6.3	8.2	131	80-120	M1
Ethylbenzene	mg/kg	ND	6.3	8.3	132	80-120	M1
Gasoline Range Organics	mg/kg	ND	62.6	83.4	133	80-120	M1
Methyl-tert-butyl ether	mg/kg	ND	6.3	7.7	124	80-120	M1
Toluene	mg/kg	ND	6.3	8.3	133	80-120	M1
Xylene (Total)	mg/kg	ND	18.8	24.6	131	80-120	ES
a,a,a-Trifluorotoluene (S)	%				99	80-125	

SAMPLE DUPLICATE: 1317668

Parameter	Units	10209782002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	mg/kg	ND	ND		20	
Ethylbenzene	mg/kg	ND	ND		20	
Gasoline Range Organics	mg/kg	ND	ND		20	
Methyl-tert-butyl ether	mg/kg	ND	ND		20	
Toluene	mg/kg	ND	ND		20	

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QUALITY CONTROL DATA

Project: St.Francis
Pace Project No.: 10209237

SAMPLE DUPLICATE: 1317668

Parameter	Units	10209782002 Result	Dup Result	RPD	Max RPD	Qualifiers
Xylene (Total)	mg/kg	ND	ND		20	
a,a,a-Trifluorotoluene (S)	%	100	101	4		

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QUALITY CONTROL DATA

Project: St.Francis
Pace Project No.: 10209237

QC Batch: MPRP/35963 Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10209237001, 10209237002, 10209237003

SAMPLE DUPLICATE: 1317745

Parameter	Units	10209528004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.6	11.3	6	30	

SAMPLE DUPLICATE: 1317746

Parameter	Units	10209237003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.6	8.3	9	30	

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QUALITY CONTROL DATA

Project: St.Francis
Pace Project No.: 10209237

QC Batch: MPRP/35985
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10209237004

SAMPLE DUPLICATE: 1318477

Parameter	Units	10209347002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.1	19.1	.3	30	

SAMPLE DUPLICATE: 1318478

Parameter	Units	10209378008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	32.0	29.0	10	30	

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QUALITY CONTROL DATA

Project: St.Francis
Pace Project No.: 10209237

QC Batch: OEXT/20057 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 10209237001, 10209237002, 10209237003

METHOD BLANK: 1316303 Matrix: Solid
Associated Lab Samples: 10209237001, 10209237002, 10209237003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	10.0	10/25/12 13:44	
n-Triacontane (S)	%	96	50-150	10/25/12 13:44	

LABORATORY CONTROL SAMPLE & LCSD: 1316304 1316305

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	80	54.0	67.7	67	85	70-120	23	20	D6,L0
n-Triacontane (S)	%				88	105	50-150			

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QUALIFIERS

Project: St.Francis
Pace Project No.: 10209237

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.

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.
T7	Low boiling point hydrocarbons are present in the sample.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: St.Francis
Pace Project No.: 10209237

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10209237001	**Tank 1**	WI MOD DRO	OEXT/20057	WI MOD DRO	GCSV/10348
10209237002	**Tank 2**	WI MOD DRO	OEXT/20057	WI MOD DRO	GCSV/10348
10209237003	**Tank 3**	WI MOD DRO	OEXT/20057	WI MOD DRO	GCSV/10348
10209237001	**Tank 1**	TPH GRO/PVOC WI ext.	GCV/9934	WI MOD GRO	GCV/9935
10209237002	**Tank 2**	TPH GRO/PVOC WI ext.	GCV/9934	WI MOD GRO	GCV/9935
10209237003	**Tank 3**	TPH GRO/PVOC WI ext.	GCV/9934	WI MOD GRO	GCV/9935
10209237004	**Tank 4**	TPH GRO/PVOC WI ext.	GCV/9934	WI MOD GRO	GCV/9935
10209237005	**Trip Blank**	TPH GRO/PVOC WI ext.	GCV/9934	WI MOD GRO	GCV/9935
10209237001	**Tank 1**	ASTM D2974	MPRP/35963		
10209237002	**Tank 2**	ASTM D2974	MPRP/35963		
10209237003	**Tank 3**	ASTM D2974	MPRP/35963		
10209237004	**Tank 4**	ASTM D2974	MPRP/35985		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

10209237

Page: 1 of 1

1636487

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Thatcher Eng. Inc	Report To: TEI	Attention: Dennis McComas
Address:	Copy To: —	Company Name: TEI
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: 817-759-2188 Fax: 817-732-41	Project Name: St. Francis	Pace Project Manager:
Requested Due Date/TAT: Normal	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

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 #	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: DRO	GRO	BTEX	MTBE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Tank 1	SL	G	10/18/12					3	2						1		X	X	X	X		
2	Tank 2								3	2						1		X	X	X	X		
3	Tank 3								3	2						1		X	X	X	X		
4	Tank 4								2	1						1			X	X	X		
5	Trip Blank								1							1				X	X		
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)
		10/18/12	1425	TN Pace	10/18/12	1624	19.2	N	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Dennis P McComas

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/18/12

ORIGINAL

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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: Thatcher

Project #: WO# : 10209237

10209237

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

Tracking Number: _____

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: ☐ B88A912167504 ☑ 80512447 **Type of Ice:** ☐ Wet ☐ Blue ☑ None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 19.2 **Biological Tissue Frozen?** ☐ Yes ☐ No **Date and Initials of Person Examining Contents:** 10/18/12

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? -Includes Date/Time/ID/Analysis Matrix: SL	☑ 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
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 #
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	☐ Yes	☑ No		Initial when completed: _____ 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): NO PACE LOT				

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

Person Contacted: Ronnie McConnell **Date/Time:** 10/19/12 0926

Comments/Resolution: OUT OF TEMP

Project Manager Review: _____ **Date:** 10/19/12

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 c hold, incorrect preservative, out of temp, incorrect containers)