

April 02, 2013

Kyle Lawrence
Center for Toxicology & Env. H
5120 N. Shore Drive
North Little Rock, AR 72118

RE: Project: PEGASUS PIPELINE RELEASE
Pace Project No.: 60141533

Dear Kyle Lawrence:

Enclosed are the analytical results for sample(s) received by the laboratory on April 02, 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,



Mary Jane Walls for
Alice Flanagan
alice.flanagan@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Kansas Certification IDs

9608 Loiret Boulevard, Lenexa, KS 66219

A2LA Certification #: 2456.01

Arkansas Certification #: 12-019-0

Illinois Certification #: 002885

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212008A

Oklahoma Certification #: 9205/9935

Texas Certification #: T104704407-12-3

Utah Certification #: KS000212012-2

Illinois Certification #: 003097

REPORT OF LABORATORY ANALYSIS

Page 2 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60141533001	RRS41SW3	Water	04/01/13 09:45	04/02/13 06:15
60141533002	RRS41SW2	Water	04/01/13 10:25	04/02/13 06:15
60141533003	RRS41SW1	Water	04/01/13 12:30	04/02/13 06:15
60141533004	RRS41SW4	Water	04/01/13 12:45	04/02/13 06:15
60141533005	RRS41SW5	Water	04/01/13 13:20	04/02/13 06:15
60141533006	RRS41BKG1	Water	04/01/13 14:15	04/02/13 06:15
60141533007	RRS41TB1	Water	04/01/13 00:00	04/02/13 06:15
60141533008	RRS41TB2	Water	04/01/13 00:00	04/02/13 06:15

REPORT OF LABORATORY ANALYSIS

Page 3 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60141533001	RRS41SW3	EPA 8015B	JMM	4
		EPA 5030B/8015B	SDR	3
		EPA 6010	TDS	7
		EPA 7470	TJT	1
		EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141533002	RRS41SW2	EPA 8015B	JMM	4
		EPA 5030B/8015B	SDR	3
		EPA 6010	TDS	7
		EPA 7470	TJT	1
		EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141533003	RRS41SW1	EPA 8015B	JMM	4
		EPA 5030B/8015B	SDR	3
		EPA 6010	TDS	7
		EPA 7470	TJT	1
		EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141533004	RRS41SW4	EPA 8015B	JMM	4
		EPA 5030B/8015B	SDR	3
		EPA 6010	TDS	7
		EPA 7470	TJT	1
		EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	RNS	70
60141533005	RRS41SW5	EPA 8015B	JMM	4
		EPA 5030B/8015B	SDR	3
		EPA 6010	TDS	7
		EPA 7470	TJT	1
		EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	RNS	70
60141533006	RRS41BKG1	EPA 8015B	JMM	4
		EPA 5030B/8015B	SDR	3
		EPA 6010	TDS	7
		EPA 7470	TJT	1
		EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	RNS	69
60141533007	RRS41TB1	EPA 5030B/8260	PRG	70

REPORT OF LABORATORY ANALYSIS

Page 4 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE ANALYTE COUNT

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60141533008	RRS41TB2	EPA 5030B/8260	PRG	70

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Sample Project No.: 60141533

Sample: RRS41SW3	Lab ID: 60141533001	Collected: 04/01/13 09:45	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics								
Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO (C10-C28)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:11		
TPH-ORO (C28-C35)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:11		
Surrogates								
p-Terphenyl (S)	89 %		35-121	1	04/02/13 00:00	04/02/13 14:11	92-94-4	
n-Tetracosane (S)	89 %		35-120	1	04/02/13 00:00	04/02/13 14:11	646-31-1	
Gasoline Range Organics								
Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND mg/L		0.20	1		04/02/13 10:57		
Surrogates								
4-Bromofluorobenzene (S)	82 %		65-123	1		04/02/13 10:57	460-00-4	
Preservation pH	1.0			1		04/02/13 10:57		
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND ug/L		10.0	1	04/02/13 09:15	04/02/13 14:23	7440-38-2	
Barium	26.3 ug/L		10.0	1	04/02/13 09:15	04/02/13 14:23	7440-39-3	
Cadmium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:23	7440-43-9	
Chromium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:23	7440-47-3	
Lead	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:23	7439-92-1	
Selenium	ND ug/L		15.0	1	04/02/13 09:15	04/02/13 14:23	7782-49-2	
Silver	ND ug/L		7.0	1	04/02/13 09:15	04/02/13 14:23	7440-22-4	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	04/02/13 09:20	04/02/13 11:51	7439-97-6	
8270 MSSV PAH by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	208-96-8	
Anthracene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	207-08-9	
Chrysene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	206-44-0	
Fluorene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	193-39-5	
Naphthalene	ND ug/L		0.54	1	04/02/13 00:00	04/02/13 13:41	91-20-3	
Phenanthrene	ND ug/L		0.54	1	04/02/13 00:00	04/02/13 13:41	85-01-8	
Pyrene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 13:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63 %		40-120	1	04/02/13 00:00	04/02/13 13:41	321-60-8	
Terphenyl-d14 (S)	81 %		39-120	1	04/02/13 00:00	04/02/13 13:41	1718-51-0	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW3	Lab ID: 60141533001	Collected: 04/01/13 09:45	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/02/13 13:53	67-64-1	
Benzene	ND ug/L		1.0	1		04/02/13 13:53	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/02/13 13:53	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/02/13 13:53	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/02/13 13:53	75-27-4	
Bromoform	ND ug/L		1.0	1		04/02/13 13:53	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/02/13 13:53	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/02/13 13:53	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:53	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:53	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:53	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/02/13 13:53	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/02/13 13:53	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/02/13 13:53	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/02/13 13:53	75-00-3	
Chloroform	ND ug/L		1.0	1		04/02/13 13:53	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/02/13 13:53	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:53	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/02/13 13:53	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/02/13 13:53	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/02/13 13:53	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/02/13 13:53	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:53	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:53	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:53	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/02/13 13:53	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:53	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:53	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/02/13 13:53	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:53	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:53	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:53	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:53	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:53	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:53	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:53	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:53	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:53	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/02/13 13:53	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/02/13 13:53	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/02/13 13:53	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/02/13 13:53	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/02/13 13:53	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/02/13 13:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/02/13 13:53	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/02/13 13:53	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 7 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Project No.: 60141533

Sample: RRS41SW3		Lab ID: 60141533001	Collected: 04/01/13 09:45	Received: 04/02/13 06:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 13:53	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 13:53	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 13:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:53	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 13:53	127-18-4	
Toluene	ND ug/L		1.0	1		04/02/13 13:53	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:53	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:53	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:53	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:53	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 13:53	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 13:53	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 13:53	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:53	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:53	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 13:53	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/02/13 13:53	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	101 %		80-120	1		04/02/13 13:53	460-00-4	
Dibromofluoromethane (S)	100 %		80-120	1		04/02/13 13:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		80-120	1		04/02/13 13:53	17060-07-0	
Toluene-d8 (S)	100 %		80-120	1		04/02/13 13:53	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 13:53		

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Sample Project No.: 60141533

Sample: RRS41SW2	Lab ID: 60141533002	Collected: 04/01/13 10:25	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics								
Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO (C10-C28)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:18		
TPH-ORO (C28-C35)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:18		
Surrogates								
p-Terphenyl (S)	95 %		35-121	1	04/02/13 00:00	04/02/13 14:18	92-94-4	
n-Tetracosane (S)	95 %		35-120	1	04/02/13 00:00	04/02/13 14:18	646-31-1	
Gasoline Range Organics								
Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND mg/L		0.20	1		04/02/13 11:19		
Surrogates								
4-Bromofluorobenzene (S)	97 %		65-123	1		04/02/13 11:19	460-00-4	
Preservation pH	1.0			1		04/02/13 11:19		
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND ug/L		10.0	1	04/02/13 09:15	04/02/13 14:25	7440-38-2	
Barium	14.6 ug/L		10.0	1	04/02/13 09:15	04/02/13 14:25	7440-39-3	
Cadmium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:25	7440-43-9	
Chromium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:25	7440-47-3	
Lead	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:25	7439-92-1	
Selenium	ND ug/L		15.0	1	04/02/13 09:15	04/02/13 14:25	7782-49-2	
Silver	ND ug/L		7.0	1	04/02/13 09:15	04/02/13 14:25	7440-22-4	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	04/02/13 09:20	04/02/13 11:53	7439-97-6	
8270 MSSV PAH by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	83-32-9	
Acenaphthylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	208-96-8	
Anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	120-12-7	
Benzo(a)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	207-08-9	
Chrysene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	53-70-3	
Fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	206-44-0	
Fluorene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	193-39-5	
Naphthalene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 13:57	91-20-3	
Phenanthrene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 13:57	85-01-8	
Pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 13:57	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68 %		40-120	1	04/02/13 00:00	04/02/13 13:57	321-60-8	
Terphenyl-d14 (S)	89 %		39-120	1	04/02/13 00:00	04/02/13 13:57	1718-51-0	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW2	Lab ID: 60141533002	Collected: 04/01/13 10:25	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/02/13 14:08	67-64-1	
Benzene	ND ug/L		1.0	1		04/02/13 14:08	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/02/13 14:08	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/02/13 14:08	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/02/13 14:08	75-27-4	
Bromoform	ND ug/L		1.0	1		04/02/13 14:08	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/02/13 14:08	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/02/13 14:08	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/02/13 14:08	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/02/13 14:08	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/02/13 14:08	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/02/13 14:08	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/02/13 14:08	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/02/13 14:08	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/02/13 14:08	75-00-3	
Chloroform	ND ug/L		1.0	1		04/02/13 14:08	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/02/13 14:08	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/02/13 14:08	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/02/13 14:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/02/13 14:08	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/02/13 14:08	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/02/13 14:08	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/02/13 14:08	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 14:08	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 14:08	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 14:08	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/02/13 14:08	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/02/13 14:08	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/02/13 14:08	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/02/13 14:08	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/02/13 14:08	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 14:08	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 14:08	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 14:08	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/02/13 14:08	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 14:08	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/02/13 14:08	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 14:08	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 14:08	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/02/13 14:08	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/02/13 14:08	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/02/13 14:08	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/02/13 14:08	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/02/13 14:08	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/02/13 14:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/02/13 14:08	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/02/13 14:08	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 10 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW2		Lab ID: 60141533002	Collected: 04/01/13 10:25	Received: 04/02/13 06:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 14:08	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 14:08	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 14:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 14:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 14:08	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 14:08	127-18-4	
Toluene	ND ug/L		1.0	1		04/02/13 14:08	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 14:08	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 14:08	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 14:08	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 14:08	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 14:08	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 14:08	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 14:08	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 14:08	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 14:08	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 14:08	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/02/13 14:08	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	1		04/02/13 14:08	460-00-4	
Dibromofluoromethane (S)	102 %		80-120	1		04/02/13 14:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		80-120	1		04/02/13 14:08	17060-07-0	
Toluene-d8 (S)	101 %		80-120	1		04/02/13 14:08	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 14:08		

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Sample Project No.: 60141533

Sample: RRS41SW1	Lab ID: 60141533003	Collected: 04/01/13 12:30	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics								
Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO (C10-C28)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:25		
TPH-ORO (C28-C35)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:25		
Surrogates								
p-Terphenyl (S)	92 %		35-121	1	04/02/13 00:00	04/02/13 14:25	92-94-4	
n-Tetracosane (S)	92 %		35-120	1	04/02/13 00:00	04/02/13 14:25	646-31-1	
Gasoline Range Organics								
Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND mg/L		0.20	1		04/02/13 11:40		
Surrogates								
4-Bromofluorobenzene (S)	83 %		65-123	1		04/02/13 11:40	460-00-4	
Preservation pH	1.0			1		04/02/13 11:40		
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND ug/L		10.0	1	04/02/13 09:15	04/02/13 14:27	7440-38-2	
Barium	19.1 ug/L		10.0	1	04/02/13 09:15	04/02/13 14:27	7440-39-3	
Cadmium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:27	7440-43-9	
Chromium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:27	7440-47-3	
Lead	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:27	7439-92-1	
Selenium	ND ug/L		15.0	1	04/02/13 09:15	04/02/13 14:27	7782-49-2	
Silver	ND ug/L		7.0	1	04/02/13 09:15	04/02/13 14:27	7440-22-4	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	04/02/13 09:20	04/02/13 11:56	7439-97-6	
8270 MSSV PAH by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	83-32-9	
Acenaphthylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	208-96-8	
Anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	120-12-7	
Benzo(a)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	207-08-9	
Chrysene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	53-70-3	
Fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	206-44-0	
Fluorene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	193-39-5	
Naphthalene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 14:14	91-20-3	
Phenanthrene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 14:14	85-01-8	
Pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67 %		40-120	1	04/02/13 00:00	04/02/13 14:14	321-60-8	
Terphenyl-d14 (S)	88 %		39-120	1	04/02/13 00:00	04/02/13 14:14	1718-51-0	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW1	Lab ID: 60141533003	Collected: 04/01/13 12:30	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND	ug/L	10.0	1		04/02/13 14:22	67-64-1	
Benzene	7.0	ug/L	1.0	1		04/02/13 14:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		04/02/13 14:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		04/02/13 14:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/02/13 14:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/02/13 14:22	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/02/13 14:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/13 14:22	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		04/02/13 14:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/02/13 14:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/02/13 14:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/02/13 14:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/02/13 14:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/02/13 14:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		04/02/13 14:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		04/02/13 14:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		04/02/13 14:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/02/13 14:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/02/13 14:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/02/13 14:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/02/13 14:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/02/13 14:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/02/13 14:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/02/13 14:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/02/13 14:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/02/13 14:22	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		04/02/13 14:22	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/02/13 14:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/02/13 14:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/02/13 14:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/02/13 14:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/02/13 14:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/02/13 14:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/02/13 14:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/02/13 14:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/02/13 14:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/02/13 14:22	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		04/02/13 14:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		04/02/13 14:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		04/02/13 14:22	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		04/02/13 14:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/13 14:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/02/13 14:22	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 13 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW1		Lab ID: 60141533003	Collected: 04/01/13 12:30	Received: 04/02/13 06:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND	ug/L	10.0	1		04/02/13 14:22	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	103-65-1	
Styrene	ND	ug/L	1.0	1		04/02/13 14:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/02/13 14:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/02/13 14:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/02/13 14:22	127-18-4	
Toluene	6.5	ug/L	1.0	1		04/02/13 14:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		04/02/13 14:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/02/13 14:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/02/13 14:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/02/13 14:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/02/13 14:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/02/13 14:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	1		04/02/13 14:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		04/02/13 14:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		04/02/13 14:22	75-01-4	
Xylene (Total)	ND	ug/L	3.0	1		04/02/13 14:22	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		04/02/13 14:22	460-00-4	
Dibromofluoromethane (S)	103 %		80-120	1		04/02/13 14:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		80-120	1		04/02/13 14:22	17060-07-0	
Toluene-d8 (S)	100 %		80-120	1		04/02/13 14:22	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 14:22		

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW4	Lab ID: 60141533004	Collected: 04/01/13 12:45	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics								
Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO (C10-C28)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:31		
TPH-ORO (C28-C35)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:31		
Surrogates								
p-Terphenyl (S)	92 %		35-121	1	04/02/13 00:00	04/02/13 14:31	92-94-4	
n-Tetracosane (S)	92 %		35-120	1	04/02/13 00:00	04/02/13 14:31	646-31-1	
Gasoline Range Organics								
Analytical Method: EPA 5030B/8015B								
TPH-GRO	0.61 mg/L		0.20	1		04/02/13 12:02		
Surrogates								
4-Bromofluorobenzene (S)	81 %		65-123	1		04/02/13 12:02	460-00-4	
Preservation pH	1.0			1		04/02/13 12:02		
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND ug/L		10.0	1	04/02/13 09:15	04/02/13 14:29	7440-38-2	
Barium	41.5 ug/L		10.0	1	04/02/13 09:15	04/02/13 14:29	7440-39-3	
Cadmium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:29	7440-43-9	
Chromium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:29	7440-47-3	
Lead	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:29	7439-92-1	
Selenium	ND ug/L		15.0	1	04/02/13 09:15	04/02/13 14:29	7782-49-2	
Silver	ND ug/L		7.0	1	04/02/13 09:15	04/02/13 14:29	7440-22-4	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	04/02/13 09:20	04/02/13 11:58	7439-97-6	
8270 MSSV PAH by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	83-32-9	
Acenaphthylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	208-96-8	
Anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	120-12-7	
Benzo(a)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	207-08-9	
Chrysene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	53-70-3	
Fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	206-44-0	
Fluorene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	193-39-5	
Naphthalene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 14:30	91-20-3	
Phenanthrene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 14:30	85-01-8	
Pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 14:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	64 %		40-120	1	04/02/13 00:00	04/02/13 14:30	321-60-8	
Terphenyl-d14 (S)	87 %		39-120	1	04/02/13 00:00	04/02/13 14:30	1718-51-0	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW4	Lab ID: 60141533004	Collected: 04/01/13 12:45	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	18.5 ug/L		10.0	1		04/02/13 13:44	67-64-1	
Benzene	79.2 ug/L		1.0	1		04/02/13 13:44	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/02/13 13:44	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/02/13 13:44	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/02/13 13:44	75-27-4	
Bromoform	ND ug/L		1.0	1		04/02/13 13:44	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/02/13 13:44	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/02/13 13:44	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:44	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:44	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:44	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/02/13 13:44	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/02/13 13:44	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/02/13 13:44	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/02/13 13:44	75-00-3	
Chloroform	ND ug/L		1.0	1		04/02/13 13:44	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/02/13 13:44	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:44	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/02/13 13:44	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/02/13 13:44	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/02/13 13:44	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/02/13 13:44	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:44	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:44	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:44	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/02/13 13:44	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:44	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:44	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/02/13 13:44	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:44	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:44	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:44	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:44	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:44	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:44	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:44	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:44	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:44	10061-02-6	
Ethylbenzene	6.0 ug/L		1.0	1		04/02/13 13:44	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/02/13 13:44	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/02/13 13:44	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/02/13 13:44	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/02/13 13:44	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/02/13 13:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/02/13 13:44	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/02/13 13:44	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 16 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW4	Lab ID: 60141533004	Collected: 04/01/13 12:45	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 13:44	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 13:44	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 13:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:44	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 13:44	127-18-4	
Toluene	76.5 ug/L		1.0	1		04/02/13 13:44	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:44	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:44	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:44	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:44	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 13:44	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 13:44	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 13:44	96-18-4	
1,2,4-Trimethylbenzene	4.0 ug/L		1.0	1		04/02/13 13:44	95-63-6	
1,3,5-Trimethylbenzene	1.6 ug/L		1.0	1		04/02/13 13:44	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 13:44	75-01-4	
Xylene (Total)	33.5 ug/L		3.0	1		04/02/13 13:44	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99 %		80-120	1		04/02/13 13:44	460-00-4	
Dibromofluoromethane (S)	101 %		80-120	1		04/02/13 13:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	108 %		80-120	1		04/02/13 13:44	17060-07-0	
Toluene-d8 (S)	96 %		80-120	1		04/02/13 13:44	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 13:44		

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW5	Lab ID: 60141533005	Collected: 04/01/13 13:20	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics								
Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO (C10-C28)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:38		
TPH-ORO (C28-C35)	ND mg/L		0.50	1	04/02/13 00:00	04/02/13 14:38		
Surrogates								
p-Terphenyl (S)	105 %		35-121	1	04/02/13 00:00	04/02/13 14:38	92-94-4	
n-Tetracosane (S)	105 %		35-120	1	04/02/13 00:00	04/02/13 14:38	646-31-1	
Gasoline Range Organics								
Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND mg/L		0.20	1		04/02/13 12:24		M1
Surrogates								
4-Bromofluorobenzene (S)	94 %		65-123	1		04/02/13 12:24	460-00-4	
Preservation pH	1.0			1		04/02/13 12:24		
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND ug/L		10.0	1	04/02/13 09:15	04/02/13 14:31	7440-38-2	
Barium	17.0 ug/L		10.0	1	04/02/13 09:15	04/02/13 14:31	7440-39-3	
Cadmium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:31	7440-43-9	
Chromium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:31	7440-47-3	
Lead	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:31	7439-92-1	
Selenium	ND ug/L		15.0	1	04/02/13 09:15	04/02/13 14:31	7782-49-2	
Silver	ND ug/L		7.0	1	04/02/13 09:15	04/02/13 14:31	7440-22-4	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	04/02/13 09:20	04/02/13 12:00	7439-97-6	
8270 MSSV PAH by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	83-32-9	
Acenaphthylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	208-96-8	
Anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	120-12-7	
Benzo(a)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	207-08-9	
Chrysene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	53-70-3	
Fluoranthene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	206-44-0	
Fluorene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	193-39-5	
Naphthalene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 15:03	91-20-3	
Phenanthrene	ND ug/L		0.50	1	04/02/13 00:00	04/02/13 15:03	85-01-8	
Pyrene	ND ug/L		0.10	1	04/02/13 00:00	04/02/13 15:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65 %		40-120	1	04/02/13 00:00	04/02/13 15:03	321-60-8	
Terphenyl-d14 (S)	81 %		39-120	1	04/02/13 00:00	04/02/13 15:03	1718-51-0	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW5		Lab ID: 60141533005	Collected: 04/01/13 13:20	Received: 04/02/13 06:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND	ug/L	10.0	1		04/02/13 13:59	67-64-1	
Benzene	ND	ug/L	1.0	1		04/02/13 13:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		04/02/13 13:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		04/02/13 13:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/02/13 13:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/02/13 13:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/02/13 13:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		04/02/13 13:59	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	1		04/02/13 13:59	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		04/02/13 13:59	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		04/02/13 13:59	98-06-6	
Carbon disulfide	ND	ug/L	5.0	1		04/02/13 13:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/02/13 13:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/02/13 13:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/02/13 13:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/02/13 13:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/02/13 13:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		04/02/13 13:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		04/02/13 13:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	1		04/02/13 13:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/02/13 13:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/02/13 13:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/02/13 13:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/02/13 13:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/02/13 13:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/02/13 13:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/02/13 13:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/02/13 13:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/02/13 13:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	1		04/02/13 13:59	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/02/13 13:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/02/13 13:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/02/13 13:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/02/13 13:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/02/13 13:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/02/13 13:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/02/13 13:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/02/13 13:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/02/13 13:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/02/13 13:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/02/13 13:59	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		04/02/13 13:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		04/02/13 13:59	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		04/02/13 13:59	99-87-6	
Methylene chloride	ND	ug/L	1.0	1		04/02/13 13:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		04/02/13 13:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		04/02/13 13:59	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 19 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41SW5	Lab ID: 60141533005	Collected: 04/01/13 13:20	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 13:59	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 13:59	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 13:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:59	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 13:59	127-18-4	
Toluene	ND ug/L		1.0	1		04/02/13 13:59	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:59	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:59	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:59	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:59	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 13:59	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 13:59	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 13:59	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:59	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:59	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 13:59	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/02/13 13:59	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	100 %		80-120	1		04/02/13 13:59	460-00-4	
Dibromofluoromethane (S)	103 %		80-120	1		04/02/13 13:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		80-120	1		04/02/13 13:59	17060-07-0	
Toluene-d8 (S)	100 %		80-120	1		04/02/13 13:59	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 13:59		

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Sample Project No.: 60141533

Sample: RRS41BKG1	Lab ID: 60141533006	Collected: 04/01/13 14:15	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics								
Analytical Method: EPA 8015B Preparation Method: EPA 3510C								
TPH-DRO (C10-C28)	ND mg/L		0.56	1	04/02/13 00:00	04/02/13 14:45		
TPH-ORO (C28-C35)	ND mg/L		0.56	1	04/02/13 00:00	04/02/13 14:45		
Surrogates								
p-Terphenyl (S)	77 %		35-121	1	04/02/13 00:00	04/02/13 14:45	92-94-4	
n-Tetracosane (S)	76 %		35-120	1	04/02/13 00:00	04/02/13 14:45	646-31-1	
Gasoline Range Organics								
Analytical Method: EPA 5030B/8015B								
TPH-GRO	ND mg/L		0.20	1		04/02/13 13:12		
Surrogates								
4-Bromofluorobenzene (S)	97 %		65-123	1		04/02/13 13:12	460-00-4	
Preservation pH	1.0			1		04/02/13 13:12		
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND ug/L		10.0	1	04/02/13 09:15	04/02/13 14:37	7440-38-2	
Barium	29.2 ug/L		10.0	1	04/02/13 09:15	04/02/13 14:37	7440-39-3	
Cadmium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:37	7440-43-9	
Chromium	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:37	7440-47-3	
Lead	ND ug/L		5.0	1	04/02/13 09:15	04/02/13 14:37	7439-92-1	
Selenium	ND ug/L		15.0	1	04/02/13 09:15	04/02/13 14:37	7782-49-2	
Silver	ND ug/L		7.0	1	04/02/13 09:15	04/02/13 14:37	7440-22-4	
7470 Mercury								
Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	04/02/13 09:20	04/02/13 12:07	7439-97-6	
8270 MSSV PAH by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	208-96-8	
Anthracene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	207-08-9	
Chrysene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	206-44-0	
Fluorene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	193-39-5	
Naphthalene	ND ug/L		0.55	1	04/02/13 00:00	04/02/13 14:46	91-20-3	
Phenanthrene	ND ug/L		0.55	1	04/02/13 00:00	04/02/13 14:46	85-01-8	
Pyrene	ND ug/L		0.11	1	04/02/13 00:00	04/02/13 14:46	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66 %		40-120	1	04/02/13 00:00	04/02/13 14:46	321-60-8	
Terphenyl-d14 (S)	88 %		39-120	1	04/02/13 00:00	04/02/13 14:46	1718-51-0	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41BKG1	Lab ID: 60141533006	Collected: 04/01/13 14:15	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/02/13 14:14	67-64-1	
Benzene	ND ug/L		1.0	1		04/02/13 14:14	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/02/13 14:14	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/02/13 14:14	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/02/13 14:14	75-27-4	
Bromoform	ND ug/L		1.0	1		04/02/13 14:14	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/02/13 14:14	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/02/13 14:14	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/02/13 14:14	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/02/13 14:14	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/02/13 14:14	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/02/13 14:14	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/02/13 14:14	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/02/13 14:14	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/02/13 14:14	75-00-3	
Chloroform	ND ug/L		1.0	1		04/02/13 14:14	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/02/13 14:14	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/02/13 14:14	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/02/13 14:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/02/13 14:14	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/02/13 14:14	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/02/13 14:14	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/02/13 14:14	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 14:14	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 14:14	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 14:14	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/02/13 14:14	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/02/13 14:14	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/02/13 14:14	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/02/13 14:14	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/02/13 14:14	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 14:14	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 14:14	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 14:14	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/02/13 14:14	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 14:14	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/02/13 14:14	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 14:14	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 14:14	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/02/13 14:14	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/02/13 14:14	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/02/13 14:14	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/02/13 14:14	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/02/13 14:14	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/02/13 14:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/02/13 14:14	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/02/13 14:14	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 22 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41BKG1	Lab ID: 60141533006	Collected: 04/01/13 14:15	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 14:14	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 14:14	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 14:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 14:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 14:14	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 14:14	127-18-4	
Toluene	ND ug/L		1.0	1		04/02/13 14:14	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 14:14	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 14:14	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 14:14	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 14:14	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 14:14	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 14:14	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 14:14	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 14:14	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 14:14	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 14:14	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/02/13 14:14	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	98 %		80-120	1		04/02/13 14:14	460-00-4	
Dibromofluoromethane (S)	103 %		80-120	1		04/02/13 14:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	110 %		80-120	1		04/02/13 14:14	17060-07-0	
Toluene-d8 (S)	102 %		80-120	1		04/02/13 14:14	2037-26-5	

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41TB1	Lab ID: 60141533007	Collected: 04/01/13 00:00	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/02/13 13:24	67-64-1	
Benzene	ND ug/L		1.0	1		04/02/13 13:24	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/02/13 13:24	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/02/13 13:24	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/02/13 13:24	75-27-4	
Bromoform	ND ug/L		1.0	1		04/02/13 13:24	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/02/13 13:24	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/02/13 13:24	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:24	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:24	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:24	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/02/13 13:24	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/02/13 13:24	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/02/13 13:24	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/02/13 13:24	75-00-3	
Chloroform	ND ug/L		1.0	1		04/02/13 13:24	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/02/13 13:24	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:24	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/02/13 13:24	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/02/13 13:24	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/02/13 13:24	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/02/13 13:24	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:24	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:24	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:24	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/02/13 13:24	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:24	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:24	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/02/13 13:24	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:24	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:24	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:24	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:24	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:24	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:24	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:24	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:24	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:24	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/02/13 13:24	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/02/13 13:24	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/02/13 13:24	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/02/13 13:24	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/02/13 13:24	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/02/13 13:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/02/13 13:24	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/02/13 13:24	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 24 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41TB1		Lab ID: 60141533007	Collected: 04/01/13 00:00	Received: 04/02/13 06:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 13:24	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 13:24	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 13:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:24	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 13:24	127-18-4	
Toluene	ND ug/L		1.0	1		04/02/13 13:24	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:24	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:24	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:24	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:24	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 13:24	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 13:24	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 13:24	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:24	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:24	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 13:24	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/02/13 13:24	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	102 %		80-120	1		04/02/13 13:24	460-00-4	
Dibromofluoromethane (S)	95 %		80-120	1		04/02/13 13:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		80-120	1		04/02/13 13:24	17060-07-0	
Toluene-d8 (S)	102 %		80-120	1		04/02/13 13:24	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 13:24		

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41TB2	Lab ID: 60141533008	Collected: 04/01/13 00:00	Received: 04/02/13 06:15	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/02/13 13:39	67-64-1	
Benzene	ND ug/L		1.0	1		04/02/13 13:39	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/02/13 13:39	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/02/13 13:39	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/02/13 13:39	75-27-4	
Bromoform	ND ug/L		1.0	1		04/02/13 13:39	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/02/13 13:39	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/02/13 13:39	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:39	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:39	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/02/13 13:39	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/02/13 13:39	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/02/13 13:39	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/02/13 13:39	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/02/13 13:39	75-00-3	
Chloroform	ND ug/L		1.0	1		04/02/13 13:39	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/02/13 13:39	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:39	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/02/13 13:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/02/13 13:39	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/02/13 13:39	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/02/13 13:39	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/02/13 13:39	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:39	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:39	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/02/13 13:39	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/02/13 13:39	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:39	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/02/13 13:39	107-06-2	
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/02/13 13:39	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:39	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:39	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/02/13 13:39	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:39	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:39	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/02/13 13:39	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:39	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:39	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/02/13 13:39	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/02/13 13:39	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/02/13 13:39	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/02/13 13:39	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/02/13 13:39	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/02/13 13:39	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/02/13 13:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/02/13 13:39	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/02/13 13:39	1634-04-4	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 26 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Sample: RRS41TB2		Lab ID: 60141533008	Collected: 04/01/13 00:00	Received: 04/02/13 06:15	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/02/13 13:39	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/02/13 13:39	103-65-1	
Styrene	ND ug/L		1.0	1		04/02/13 13:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/02/13 13:39	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/02/13 13:39	127-18-4	
Toluene	ND ug/L		1.0	1		04/02/13 13:39	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:39	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/02/13 13:39	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:39	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/02/13 13:39	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/02/13 13:39	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/02/13 13:39	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/02/13 13:39	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:39	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/02/13 13:39	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/02/13 13:39	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/02/13 13:39	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	102 %		80-120	1		04/02/13 13:39	460-00-4	
Dibromofluoromethane (S)	100 %		80-120	1		04/02/13 13:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		80-120	1		04/02/13 13:39	17060-07-0	
Toluene-d8 (S)	103 %		80-120	1		04/02/13 13:39	2037-26-5	
Preservation pH	1.0		0.10	1		04/02/13 13:39		

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

QC Batch: GCV/4246 Analysis Method: EPA 5030B/8015B
 QC Batch Method: EPA 5030B/8015B Analysis Description: Gasoline Range Organics
 Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

METHOD BLANK: 1163145 Matrix: Water
 Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/L	ND	0.20	04/02/13 09:52	
4-Bromofluorobenzene (S)	%	103	65-123	04/02/13 09:52	

LABORATORY CONTROL SAMPLE: 1163146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/L	1	0.87	87	67-134	
4-Bromofluorobenzene (S)	%			113	65-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1163147 1163148

Parameter	Units	60141533005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-GRO	mg/L	ND	1	1	0.37	0.61	37	61	40-158		30	M1
4-Bromofluorobenzene (S)	%						73	69	65-123			
Preservation pH		1.0			1.0	1.0				0		

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE
Pace Project No.: 60141533

QC Batch: MERP/7217 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

METHOD BLANK: 1163154 Matrix: Water
Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/02/13 11:47	

LABORATORY CONTROL SAMPLE: 1163155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1163156 1163157

Parameter	Units	60141533005 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Spike Conc.	MS Result	MSD Result						
Mercury	ug/L	ND	5	5	4.7	4.8	93	95	75-125	2	20	

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

QC Batch: MPRP/22121

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

METHOD BLANK: 1163162

Matrix: Water

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	04/02/13 14:19	
Barium	ug/L	ND	10.0	04/02/13 14:19	
Cadmium	ug/L	ND	5.0	04/02/13 14:19	
Chromium	ug/L	ND	5.0	04/02/13 14:19	
Lead	ug/L	ND	5.0	04/02/13 14:19	
Selenium	ug/L	ND	15.0	04/02/13 14:19	
Silver	ug/L	ND	7.0	04/02/13 14:19	

LABORATORY CONTROL SAMPLE: 1163163

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	991	99	80-120	
Barium	ug/L	1000	1020	102	80-120	
Cadmium	ug/L	1000	994	99	80-120	
Chromium	ug/L	1000	954	95	80-120	
Lead	ug/L	1000	987	99	80-120	
Selenium	ug/L	1000	962	96	80-120	
Silver	ug/L	500	492	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1163164 1163165

Parameter	Units	60141533005		MS		MSD		% Rec		Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Arsenic	ug/L	ND	1000	1000	1000	993	100	99	75-125	1	20	
Barium	ug/L	17.0	1000	1000	1060	1040	104	103	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	1000	991	100	99	75-125	1	20	
Chromium	ug/L	ND	1000	1000	970	955	97	95	75-125	2	20	
Lead	ug/L	ND	1000	1000	990	982	99	98	75-125	1	20	
Selenium	ug/L	ND	1000	1000	971	954	97	95	75-125	2	20	
Silver	ug/L	ND	500	500	496	491	99	98	75-125	1	20	

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

QC Batch: MSV/52728 Analysis Method: EPA 5030B/8260
 QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
 Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533007, 60141533008

METHOD BLANK: 1163408 Matrix: Water

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533007, 60141533008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/02/13 13:10	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/02/13 13:10	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/02/13 13:10	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/02/13 13:10	
1,1-Dichloroethane	ug/L	ND	1.0	04/02/13 13:10	
1,1-Dichloroethene	ug/L	ND	1.0	04/02/13 13:10	
1,1-Dichloropropene	ug/L	ND	1.0	04/02/13 13:10	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/02/13 13:10	
1,2,3-Trichloropropane	ug/L	ND	2.5	04/02/13 13:10	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/02/13 13:10	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	04/02/13 13:10	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	04/02/13 13:10	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/02/13 13:10	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/02/13 13:10	
1,2-Dichloroethane	ug/L	ND	1.0	04/02/13 13:10	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	04/02/13 13:10	
1,2-Dichloropropane	ug/L	ND	1.0	04/02/13 13:10	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	04/02/13 13:10	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/02/13 13:10	
1,3-Dichloropropane	ug/L	ND	1.0	04/02/13 13:10	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/02/13 13:10	
2,2-Dichloropropane	ug/L	ND	1.0	04/02/13 13:10	
2-Butanone (MEK)	ug/L	ND	10.0	04/02/13 13:10	
2-Chlorotoluene	ug/L	ND	1.0	04/02/13 13:10	
2-Hexanone	ug/L	ND	10.0	04/02/13 13:10	
4-Chlorotoluene	ug/L	ND	1.0	04/02/13 13:10	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	04/02/13 13:10	
Acetone	ug/L	ND	10.0	04/02/13 13:10	
Benzene	ug/L	ND	1.0	04/02/13 13:10	
Bromobenzene	ug/L	ND	1.0	04/02/13 13:10	
Bromochloromethane	ug/L	ND	1.0	04/02/13 13:10	
Bromodichloromethane	ug/L	ND	1.0	04/02/13 13:10	
Bromoform	ug/L	ND	1.0	04/02/13 13:10	
Bromomethane	ug/L	ND	5.0	04/02/13 13:10	
Carbon disulfide	ug/L	ND	5.0	04/02/13 13:10	
Carbon tetrachloride	ug/L	ND	1.0	04/02/13 13:10	
Chlorobenzene	ug/L	ND	1.0	04/02/13 13:10	
Chloroethane	ug/L	ND	1.0	04/02/13 13:10	
Chloroform	ug/L	ND	1.0	04/02/13 13:10	
Chloromethane	ug/L	ND	1.0	04/02/13 13:10	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/02/13 13:10	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/02/13 13:10	
Dibromochloromethane	ug/L	ND	1.0	04/02/13 13:10	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 31 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Project No.: 60141533

METHOD BLANK: 1163408

Matrix: Water

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533007, 60141533008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	04/02/13 13:10	
Dichlorodifluoromethane	ug/L	ND	1.0	04/02/13 13:10	
Ethylbenzene	ug/L	ND	1.0	04/02/13 13:10	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/02/13 13:10	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/02/13 13:10	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/02/13 13:10	
Methylene chloride	ug/L	ND	1.0	04/02/13 13:10	
n-Butylbenzene	ug/L	ND	1.0	04/02/13 13:10	
n-Propylbenzene	ug/L	ND	1.0	04/02/13 13:10	
Naphthalene	ug/L	ND	10.0	04/02/13 13:10	
p-Isopropyltoluene	ug/L	ND	1.0	04/02/13 13:10	
sec-Butylbenzene	ug/L	ND	1.0	04/02/13 13:10	
Styrene	ug/L	ND	1.0	04/02/13 13:10	
tert-Butylbenzene	ug/L	ND	1.0	04/02/13 13:10	
Tetrachloroethene	ug/L	ND	1.0	04/02/13 13:10	
Toluene	ug/L	ND	1.0	04/02/13 13:10	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/02/13 13:10	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/02/13 13:10	
Trichloroethene	ug/L	ND	1.0	04/02/13 13:10	
Trichlorofluoromethane	ug/L	ND	1.0	04/02/13 13:10	
Vinyl chloride	ug/L	ND	1.0	04/02/13 13:10	
Xylene (Total)	ug/L	ND	3.0	04/02/13 13:10	
1,2-Dichloroethane-d4 (S)	%	102	80-120	04/02/13 13:10	
4-Bromofluorobenzene (S)	%	100	80-120	04/02/13 13:10	
Dibromofluoromethane (S)	%	99	80-120	04/02/13 13:10	
Toluene-d8 (S)	%	101	80-120	04/02/13 13:10	

LABORATORY CONTROL SAMPLE: 1163409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.4	102	79-121	
1,1,1-Trichloroethane	ug/L	20	19.7	98	75-124	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	97	73-120	
1,1,2-Trichloroethane	ug/L	20	19.6	98	76-120	
1,1-Dichloroethane	ug/L	20	19.0	95	73-120	
1,1-Dichloroethene	ug/L	20	22.8	114	70-127	
1,1-Dichloropropene	ug/L	20	20.1	100	79-124	
1,2,3-Trichlorobenzene	ug/L	20	20.3	101	68-130	
1,2,3-Trichloropropane	ug/L	20	19.8	99	72-124	
1,2,4-Trichlorobenzene	ug/L	20	19.4	97	73-125	
1,2,4-Trimethylbenzene	ug/L	20	20.7	103	76-120	
1,2-Dibromo-3-chloropropane	ug/L	20	20.0	100	68-126	
1,2-Dibromoethane (EDB)	ug/L	20	20.4	102	79-121	
1,2-Dichlorobenzene	ug/L	20	21.1	105	79-120	
1,2-Dichloroethane	ug/L	20	19.7	98	72-122	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 32 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

LABORATORY CONTROL SAMPLE: 1163409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	41.2	103	77-120	
1,2-Dichloropropane	ug/L	20	20.0	100	77-120	
1,3,5-Trimethylbenzene	ug/L	20	20.9	104	75-120	
1,3-Dichlorobenzene	ug/L	20	20.5	102	80-120	
1,3-Dichloropropane	ug/L	20	19.4	97	76-120	
1,4-Dichlorobenzene	ug/L	20	20.1	101	80-120	
2,2-Dichloropropane	ug/L	20	18.2	91	52-135	
2-Butanone (MEK)	ug/L	100	95.7	96	69-124	
2-Chlorotoluene	ug/L	20	20.6	103	78-120	
2-Hexanone	ug/L	100	101	101	70-125	
4-Chlorotoluene	ug/L	20	20.6	103	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	72-123	
Acetone	ug/L	100	90.3	90	60-126	
Benzene	ug/L	20	20.3	101	73-122	
Bromobenzene	ug/L	20	20.7	103	79-120	
Bromochloromethane	ug/L	20	17.9	90	76-125	
Bromodichloromethane	ug/L	20	18.9	95	73-120	
Bromoform	ug/L	20	18.5	93	74-120	
Bromomethane	ug/L	20	19.1	95	40-146	
Carbon disulfide	ug/L	20	18.9	94	62-125	
Carbon tetrachloride	ug/L	20	19.4	97	73-125	
Chlorobenzene	ug/L	20	20.1	100	80-120	
Chloroethane	ug/L	20	18.7	93	56-159	
Chloroform	ug/L	20	19.0	95	76-120	
Chloromethane	ug/L	20	17.1	86	40-148	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	69-120	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	76-120	
Dibromochloromethane	ug/L	20	20.4	102	79-121	
Dibromomethane	ug/L	20	18.5	93	77-120	
Dichlorodifluoromethane	ug/L	20	16.4	82	40-141	
Ethylbenzene	ug/L	20	20.9	105	76-123	
Hexachloro-1,3-butadiene	ug/L	20	19.7	98	69-125	
Isopropylbenzene (Cumene)	ug/L	20	22.5	112	80-130	
Methyl-tert-butyl ether	ug/L	20	20.5	103	67-128	
Methylene chloride	ug/L	20	18.4	92	71-123	
n-Butylbenzene	ug/L	20	20.8	104	77-124	
n-Propylbenzene	ug/L	20	20.1	100	78-120	
Naphthalene	ug/L	20	19.7	99	64-127	
p-Isopropyltoluene	ug/L	20	20.8	104	78-120	
sec-Butylbenzene	ug/L	20	21.3	107	77-122	
Styrene	ug/L	20	20.7	103	79-120	
tert-Butylbenzene	ug/L	20	21.0	105	76-123	
Tetrachloroethene	ug/L	20	19.8	99	79-122	
Toluene	ug/L	20	21.2	106	76-122	
trans-1,2-Dichloroethene	ug/L	20	20.9	105	78-126	
trans-1,3-Dichloropropene	ug/L	20	21.4	107	79-124	
Trichloroethene	ug/L	20	19.5	97	76-120	
Trichlorofluoromethane	ug/L	20	18.2	91	69-133	

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

LABORATORY CONTROL SAMPLE: 1163409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	20	19.2	96	57-140	
Xylene (Total)	ug/L	60	62.7	105	76-122	
1,2-Dichloroethane-d4 (S)	%			97	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Dibromofluoromethane (S)	%			98	80-120	
Toluene-d8 (S)	%			102	80-120	

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

QC Batch: MSV/52734 Analysis Method: EPA 5030B/8260
 QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
 Associated Lab Samples: 60141533004, 60141533005, 60141533006

METHOD BLANK: 1163475 Matrix: Water

Associated Lab Samples: 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/02/13 13:29	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/02/13 13:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/02/13 13:29	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/02/13 13:29	
1,1-Dichloroethane	ug/L	ND	1.0	04/02/13 13:29	
1,1-Dichloroethene	ug/L	ND	1.0	04/02/13 13:29	
1,1-Dichloropropene	ug/L	ND	1.0	04/02/13 13:29	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/02/13 13:29	
1,2,3-Trichloropropane	ug/L	ND	2.5	04/02/13 13:29	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/02/13 13:29	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	04/02/13 13:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	04/02/13 13:29	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/02/13 13:29	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/02/13 13:29	
1,2-Dichloroethane	ug/L	ND	1.0	04/02/13 13:29	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	04/02/13 13:29	
1,2-Dichloropropane	ug/L	ND	1.0	04/02/13 13:29	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	04/02/13 13:29	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/02/13 13:29	
1,3-Dichloropropane	ug/L	ND	1.0	04/02/13 13:29	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/02/13 13:29	
2,2-Dichloropropane	ug/L	ND	1.0	04/02/13 13:29	
2-Butanone (MEK)	ug/L	ND	10.0	04/02/13 13:29	
2-Chlorotoluene	ug/L	ND	1.0	04/02/13 13:29	
2-Hexanone	ug/L	ND	10.0	04/02/13 13:29	
4-Chlorotoluene	ug/L	ND	1.0	04/02/13 13:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	04/02/13 13:29	
Acetone	ug/L	ND	10.0	04/02/13 13:29	
Benzene	ug/L	ND	1.0	04/02/13 13:29	
Bromobenzene	ug/L	ND	1.0	04/02/13 13:29	
Bromochloromethane	ug/L	ND	1.0	04/02/13 13:29	
Bromodichloromethane	ug/L	ND	1.0	04/02/13 13:29	
Bromoform	ug/L	ND	1.0	04/02/13 13:29	
Bromomethane	ug/L	ND	5.0	04/02/13 13:29	
Carbon disulfide	ug/L	ND	5.0	04/02/13 13:29	
Carbon tetrachloride	ug/L	ND	1.0	04/02/13 13:29	
Chlorobenzene	ug/L	ND	1.0	04/02/13 13:29	
Chloroethane	ug/L	ND	1.0	04/02/13 13:29	
Chloroform	ug/L	ND	1.0	04/02/13 13:29	
Chloromethane	ug/L	ND	1.0	04/02/13 13:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/02/13 13:29	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/02/13 13:29	
Dibromochloromethane	ug/L	ND	1.0	04/02/13 13:29	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 35 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Project No.: 60141533

METHOD BLANK: 1163475 Matrix: Water

Associated Lab Samples: 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	04/02/13 13:29	
Dichlorodifluoromethane	ug/L	ND	1.0	04/02/13 13:29	
Ethylbenzene	ug/L	ND	1.0	04/02/13 13:29	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/02/13 13:29	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/02/13 13:29	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/02/13 13:29	
Methylene chloride	ug/L	ND	1.0	04/02/13 13:29	
n-Butylbenzene	ug/L	ND	1.0	04/02/13 13:29	
n-Propylbenzene	ug/L	ND	1.0	04/02/13 13:29	
Naphthalene	ug/L	ND	10.0	04/02/13 13:29	
p-Isopropyltoluene	ug/L	ND	1.0	04/02/13 13:29	
sec-Butylbenzene	ug/L	ND	1.0	04/02/13 13:29	
Styrene	ug/L	ND	1.0	04/02/13 13:29	
tert-Butylbenzene	ug/L	ND	1.0	04/02/13 13:29	
Tetrachloroethene	ug/L	ND	1.0	04/02/13 13:29	
Toluene	ug/L	ND	1.0	04/02/13 13:29	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/02/13 13:29	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/02/13 13:29	
Trichloroethene	ug/L	ND	1.0	04/02/13 13:29	
Trichlorofluoromethane	ug/L	ND	1.0	04/02/13 13:29	
Vinyl chloride	ug/L	ND	1.0	04/02/13 13:29	
Xylene (Total)	ug/L	ND	3.0	04/02/13 13:29	
1,2-Dichloroethane-d4 (S)	%	105	80-120	04/02/13 13:29	
4-Bromofluorobenzene (S)	%	96	80-120	04/02/13 13:29	
Dibromofluoromethane (S)	%	104	80-120	04/02/13 13:29	
Toluene-d8 (S)	%	100	80-120	04/02/13 13:29	

LABORATORY CONTROL SAMPLE: 1163476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	103	79-121	
1,1,1-Trichloroethane	ug/L	20	20.4	102	75-124	
1,1,2,2-Tetrachloroethane	ug/L	20	20.2	101	73-120	
1,1,2-Trichloroethane	ug/L	20	19.5	97	76-120	
1,1-Dichloroethane	ug/L	20	19.3	97	73-120	
1,1-Dichloroethene	ug/L	20	21.7	109	70-127	
1,1-Dichloropropene	ug/L	20	21.0	105	79-124	
1,2,3-Trichlorobenzene	ug/L	20	20.7	104	68-130	
1,2,3-Trichloropropane	ug/L	20	22.0	110	72-124	
1,2,4-Trichlorobenzene	ug/L	20	19.5	97	73-125	
1,2,4-Trimethylbenzene	ug/L	20	18.9	94	76-120	
1,2-Dibromo-3-chloropropane	ug/L	20	21.6	108	68-126	
1,2-Dibromoethane (EDB)	ug/L	20	20.8	104	79-121	
1,2-Dichlorobenzene	ug/L	20	19.5	98	79-120	
1,2-Dichloroethane	ug/L	20	20.8	104	72-122	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 36 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

LABORATORY CONTROL SAMPLE: 1163476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/L	40	40.1	100	77-120	
1,2-Dichloropropane	ug/L	20	21.3	106	77-120	
1,3,5-Trimethylbenzene	ug/L	20	19.9	99	75-120	
1,3-Dichlorobenzene	ug/L	20	18.9	95	80-120	
1,3-Dichloropropane	ug/L	20	19.9	99	76-120	
1,4-Dichlorobenzene	ug/L	20	18.9	95	80-120	
2,2-Dichloropropane	ug/L	20	18.9	95	52-135	
2-Butanone (MEK)	ug/L	100	97.9	98	69-124	
2-Chlorotoluene	ug/L	20	18.7	93	78-120	
2-Hexanone	ug/L	100	102	102	70-125	
4-Chlorotoluene	ug/L	20	19.7	98	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	72-123	
Acetone	ug/L	100	89.9	90	60-126	
Benzene	ug/L	20	20.1	100	73-122	
Bromobenzene	ug/L	20	19.8	99	79-120	
Bromochloromethane	ug/L	20	20.6	103	76-125	
Bromodichloromethane	ug/L	20	20.0	100	73-120	
Bromoform	ug/L	20	18.3	92	74-120	
Bromomethane	ug/L	20	17.2	86	40-146	
Carbon disulfide	ug/L	20	19.2	96	62-125	
Carbon tetrachloride	ug/L	20	20.2	101	73-125	
Chlorobenzene	ug/L	20	19.5	97	80-120	
Chloroethane	ug/L	20	20.1	100	56-159	
Chloroform	ug/L	20	19.3	96	76-120	
Chloromethane	ug/L	20	22.0	110	40-148	
cis-1,2-Dichloroethene	ug/L	20	20.2	101	69-120	
cis-1,3-Dichloropropene	ug/L	20	20.0	100	76-120	
Dibromochloromethane	ug/L	20	19.8	99	79-121	
Dibromomethane	ug/L	20	20.5	103	77-120	
Dichlorodifluoromethane	ug/L	20	18.1	90	40-141	
Ethylbenzene	ug/L	20	19.4	97	76-123	
Hexachloro-1,3-butadiene	ug/L	20	19.0	95	69-125	
Isopropylbenzene (Cumene)	ug/L	20	20.4	102	80-130	
Methyl-tert-butyl ether	ug/L	20	21.6	108	67-128	
Methylene chloride	ug/L	20	20.7	104	71-123	
n-Butylbenzene	ug/L	20	20.3	102	77-124	
n-Propylbenzene	ug/L	20	18.7	94	78-120	
Naphthalene	ug/L	20	20.6	103	64-127	
p-Isopropyltoluene	ug/L	20	19.4	97	78-120	
sec-Butylbenzene	ug/L	20	19.7	99	77-122	
Styrene	ug/L	20	19.3	96	79-120	
tert-Butylbenzene	ug/L	20	19.9	99	76-123	
Tetrachloroethene	ug/L	20	19.6	98	79-122	
Toluene	ug/L	20	19.9	100	76-122	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	78-126	
trans-1,3-Dichloropropene	ug/L	20	19.4	97	79-124	
Trichloroethene	ug/L	20	20.3	102	76-120	
Trichlorofluoromethane	ug/L	20	19.7	98	69-133	

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 37 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

LABORATORY CONTROL SAMPLE: 1163476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/L	20	20.6	103	57-140	
Xylene (Total)	ug/L	60	56.9	95	76-122	
1,2-Dichloroethane-d4 (S)	%			103	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Dibromofluoromethane (S)	%			101	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1163477 1163478

Parameter	60141533005		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.7	17.6	98	88	70-127	11	20
1,1,1-Trichloroethane	ug/L	ND	20	20	20.4	19.1	102	96	72-139	6	22
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.6	93	88	63-126	5	20
1,1,2-Trichloroethane	ug/L	ND	20	20	19.0	17.7	95	88	70-121	7	24
1,1-Dichloroethane	ug/L	ND	20	20	19.1	18.1	96	90	68-125	6	20
1,1-Dichloroethene	ug/L	ND	20	20	22.3	20.5	112	102	66-142	9	22
1,1-Dichloropropene	ug/L	ND	20	20	20.9	19.3	104	97	70-144	8	20
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.0	18.1	94	90	56-133	5	35
1,2,3-Trichloropropane	ug/L	ND	20	20	19.6	18.2	98	91	66-123	7	20
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	17.5	89	87	60-129	2	26
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.8	16.8	89	84	51-138	6	25
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.2	18.4	91	92	58-130	1	26
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.9	18.5	100	93	56-138	7	28
1,2-Dichlorobenzene	ug/L	ND	20	20	17.5	16.7	87	84	69-123	4	20
1,2-Dichloroethane	ug/L	ND	20	20	20.3	18.5	102	92	53-144	9	27
1,2-Dichloroethene (Total)	ug/L	ND	40	40	39.2	37.3	98	93	67-137	5	20
1,2-Dichloropropane	ug/L	ND	20	20	20.0	18.5	100	93	72-126	8	20
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.2	17.3	91	86	51-138	5	25
1,3-Dichlorobenzene	ug/L	ND	20	20	17.4	16.5	87	82	67-123	6	22
1,3-Dichloropropane	ug/L	ND	20	20	18.5	17.0	92	85	70-120	8	20
1,4-Dichlorobenzene	ug/L	ND	20	20	17.7	16.8	88	83	68-125	5	22
2,2-Dichloropropane	ug/L	ND	20	20	19.2	17.6	96	88	40-150	9	20
2-Butanone (MEK)	ug/L	ND	100	100	94.1	87.8	94	88	54-127	7	20
2-Chlorotoluene	ug/L	ND	20	20	17.8	16.5	89	82	68-123	7	20
2-Hexanone	ug/L	ND	100	100	96.8	87.5	97	88	55-127	10	20
4-Chlorotoluene	ug/L	ND	20	20	18.6	17.2	93	86	70-124	8	21
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	98.4	90.7	98	91	61-127	8	20
Acetone	ug/L	ND	100	100	94.0	83.9	90	80	40-139	11	24
Benzene	ug/L	ND	20	20	19.7	18.5	98	92	48-150	6	31
Bromobenzene	ug/L	ND	20	20	18.9	17.4	95	87	68-126	8	20
Bromochloromethane	ug/L	ND	20	20	19.7	18.5	99	93	71-130	6	20
Bromodichloromethane	ug/L	ND	20	20	19.0	17.5	95	88	66-123	8	20
Bromoform	ug/L	ND	20	20	17.2	15.8	84	77	64-122	9	21
Bromomethane	ug/L	ND	20	20	16.8	16.8	84	84	40-146	0	37
Carbon disulfide	ug/L	ND	20	20	20.0	18.4	100	92	57-137	8	22
Carbon tetrachloride	ug/L	ND	20	20	20.7	19.2	104	96	68-145	8	20

Date: 04/02/2013 04:23 PM

REPORT OF LABORATORY ANALYSIS

Page 38 of 44

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Project No.: 60141533

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1163477 1163478												
Parameter	Units	60141533005		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Chlorobenzene	ug/L	ND	20	20	20	18.5	17.2	92	86	68-131	7	22
Chloroethane	ug/L	ND	20	20	20	19.5	18.9	98	95	49-160	3	24
Chloroform	ug/L	ND	20	20	20	18.5	17.4	92	87	69-126	6	20
Chloromethane	ug/L	ND	20	20	20	21.5	21.2	108	106	40-148	2	24
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	19.3	18.2	97	91	63-127	6	20
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	18.6	17.4	93	87	65-121	7	20
Dibromochloromethane	ug/L	ND	20	20	20	18.8	16.9	94	85	70-125	11	20
Dibromomethane	ug/L	ND	20	20	20	20.0	18.7	100	93	68-125	7	20
Dichlorodifluoromethane	ug/L	ND	20	20	20	18.4	17.7	92	88	40-143	4	25
Ethylbenzene	ug/L	ND	20	20	20	19.0	17.2	95	86	50-147	10	31
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	17.5	16.5	86	82	56-137	5	27
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	20.4	19.1	102	96	75-143	7	20
Methyl-tert-butyl ether	ug/L	ND	20	20	20	20.8	19.4	104	97	46-143	7	29
Methylene chloride	ug/L	ND	20	20	20	19.8	18.9	99	95	67-128	4	20
n-Butylbenzene	ug/L	ND	20	20	20	19.2	18.0	95	89	61-137	6	21
n-Propylbenzene	ug/L	ND	20	20	20	18.0	17.0	90	85	63-132	6	20
Naphthalene	ug/L	ND	20	20	20	18.7	18.2	93	90	40-140	3	33
p-Isopropyltoluene	ug/L	ND	20	20	20	18.8	17.7	93	87	65-132	6	20
sec-Butylbenzene	ug/L	ND	20	20	20	19.0	17.9	95	89	67-134	6	20
Styrene	ug/L	ND	20	20	20	18.6	17.1	93	86	58-133	8	21
tert-Butylbenzene	ug/L	ND	20	20	20	19.0	17.6	95	88	70-132	8	21
Tetrachloroethene	ug/L	ND	20	20	20	20.1	18.3	101	92	66-139	9	20
Toluene	ug/L	ND	20	20	20	19.3	18.0	96	89	51-147	7	32
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	19.9	19.0	99	95	73-142	4	20
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	18.3	17.0	92	85	68-126	7	20
Trichloroethene	ug/L	ND	20	20	20	19.5	18.4	98	92	67-130	6	20
Trichlorofluoromethane	ug/L	ND	20	20	20	20.5	19.1	103	96	63-150	7	21
Vinyl chloride	ug/L	ND	20	20	20	21.0	19.2	105	96	47-159	9	20
Xylene (Total)	ug/L	ND	60	60	60	55.5	51.2	92	85	49-145	8	31
1,2-Dichloroethane-d4 (S)	%							106	107	80-120		
4-Bromofluorobenzene (S)	%							102	101	80-120		
Dibromofluoromethane (S)	%							102	103	80-120		
Toluene-d8 (S)	%							99	99	80-120		

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

QC Batch: OEXT/37795

Analysis Method: EPA 8015B

QC Batch Method: EPA 3510C

Analysis Description: EPA 8015B

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

METHOD BLANK: 1163175

Matrix: Water

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO (C10-C28)	mg/L	ND	0.50	04/02/13 13:43	
TPH-ORO (C28-C35)	mg/L	ND	0.50	04/02/13 13:43	
n-Tetracosane (S)	%	83	35-120	04/02/13 13:43	
p-Terphenyl (S)	%	91	35-121	04/02/13 13:43	

LABORATORY CONTROL SAMPLE: 1163176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/L	2.5	2.2	89	56-120	
TPH-ORO (C28-C35)	mg/L		ND			
n-Tetracosane (S)	%			82	35-120	
p-Terphenyl (S)	%			90	35-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1163177 1163178

Parameter	Units	60141533005		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result					
TPH-DRO (C10-C28)	mg/L	ND	2.7	2.5	3.2	2.4	114	91	56-122	30	29	
TPH-ORO (C28-C35)	mg/L	ND			ND	ND						
n-Tetracosane (S)	%						109	90	35-120			
p-Terphenyl (S)	%						109	91	35-121			

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

QC Batch: OEXT/37794 Analysis Method: EPA 8270 by SIM
 QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by SIM MSSV
 Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

METHOD BLANK: 1163171 Matrix: Water

Associated Lab Samples: 60141533001, 60141533002, 60141533003, 60141533004, 60141533005, 60141533006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	ND	0.10	04/02/13 13:09	
Acenaphthylene	ug/L	ND	0.10	04/02/13 13:09	
Anthracene	ug/L	ND	0.10	04/02/13 13:09	
Benzo(a)anthracene	ug/L	ND	0.10	04/02/13 13:09	
Benzo(a)pyrene	ug/L	ND	0.10	04/02/13 13:09	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/02/13 13:09	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/02/13 13:09	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/02/13 13:09	
Chrysene	ug/L	ND	0.10	04/02/13 13:09	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/02/13 13:09	
Fluoranthene	ug/L	0.11	0.10	04/02/13 13:09	
Fluorene	ug/L	ND	0.10	04/02/13 13:09	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/02/13 13:09	
Naphthalene	ug/L	ND	0.50	04/02/13 13:09	
Phenanthrene	ug/L	ND	0.50	04/02/13 13:09	
Pyrene	ug/L	ND	0.10	04/02/13 13:09	
2-Fluorobiphenyl (S)	%	62	40-120	04/02/13 13:09	
Terphenyl-d14 (S)	%	90	39-120	04/02/13 13:09	

LABORATORY CONTROL SAMPLE: 1163172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/L	1	0.68	68	45-120	
Acenaphthylene	ug/L	1	0.73	73	43-120	
Anthracene	ug/L	1	0.77	77	48-120	
Benzo(a)anthracene	ug/L	1	0.90	90	51-120	
Benzo(a)pyrene	ug/L	1	0.83	83	49-120	
Benzo(b)fluoranthene	ug/L	1	0.90	90	48-120	
Benzo(g,h,i)perylene	ug/L	1	0.86	86	34-120	
Benzo(k)fluoranthene	ug/L	1	0.80	80	51-120	
Chrysene	ug/L	1	0.79	79	43-120	
Dibenz(a,h)anthracene	ug/L	1	0.94	94	32-120	
Fluoranthene	ug/L	1	0.84	84	53-120	
Fluorene	ug/L	1	0.72	72	49-120	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.84	84	36-120	
Naphthalene	ug/L	1	0.74	74	44-120	
Phenanthrene	ug/L	1	0.78	78	52-120	
Pyrene	ug/L	1	0.80	80	48-120	
2-Fluorobiphenyl (S)	%			66	40-120	
Terphenyl-d14 (S)	%			89	39-120	

QUALITY CONTROL DATA

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Parameter	60141533005		MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
	Units	Result	Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	MSD % Rec					
Acenaphthene	ug/L	ND	1.1	1.1	0.80	0.74	73	67	38-120	8	28		
Acenaphthylene	ug/L	ND	1.1	1.1	0.83	0.76	77	70	39-120	10	26		
Anthracene	ug/L	ND	1.1	1.1	0.85	0.79	78	72	41-120	7	31		
Benzo(a)anthracene	ug/L	ND	1.1	1.1	0.97	0.90	88	81	45-120	8	29		
Benzo(a)pyrene	ug/L	ND	1.1	1.1	0.85	0.80	78	73	43-120	6	29		
Benzo(b)fluoranthene	ug/L	ND	1.1	1.1	0.87	0.82	79	74	44-120	6	28		
Benzo(g,h,i)perylene	ug/L	ND	1.1	1.1	0.86	0.79	78	72	20-120	8	35		
Benzo(k)fluoranthene	ug/L	ND	1.1	1.1	0.81	0.79	74	72	40-120	2	30		
Chrysene	ug/L	ND	1.1	1.1	0.86	0.80	78	73	45-120	7	27		
Dibenz(a,h)anthracene	ug/L	ND	1.1	1.1	0.84	0.82	76	75	27-120	2	37		
Fluoranthene	ug/L	ND	1.1	1.1	0.94	0.88	84	78	44-120	7	30		
Fluorene	ug/L	ND	1.1	1.1	0.84	0.77	77	70	39-120	8	34		
Indeno(1,2,3-cd)pyrene	ug/L	ND	1.1	1.1	0.84	0.82	77	74	26-120	3	39		
Naphthalene	ug/L	ND	1.1	1.1	0.81	0.76	74	69	24-120	6	35		
Phenanthrene	ug/L	ND	1.1	1.1	0.84	0.78	75	70	28-120	7	37		
Pyrene	ug/L	ND	1.1	1.1	0.89	0.82	79	73	38-120	8	29		
2-Fluorobiphenyl (S)	%						71	64	40-120				
Terphenyl-d14 (S)	%						92	84	39-120				

QUALIFIERS

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

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.

BATCH QUALIFIERS

Batch: GCV/4246

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

Batch: MSV/52728

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

ANALYTE QUALIFIERS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PEGASUS PIPELINE RELEASE

Pace Project No.: 60141533

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60141533001	RRS41SW3	EPA 3510C	OEXT/37795	EPA 8015B	GCSV/14318
60141533002	RRS41SW2	EPA 3510C	OEXT/37795	EPA 8015B	GCSV/14318
60141533003	RRS41SW1	EPA 3510C	OEXT/37795	EPA 8015B	GCSV/14318
60141533004	RRS41SW4	EPA 3510C	OEXT/37795	EPA 8015B	GCSV/14318
60141533005	RRS41SW5	EPA 3510C	OEXT/37795	EPA 8015B	GCSV/14318
60141533006	RRS41BKG1	EPA 3510C	OEXT/37795	EPA 8015B	GCSV/14318
60141533001	RRS41SW3	EPA 5030B/8015B	GCV/4246		
60141533002	RRS41SW2	EPA 5030B/8015B	GCV/4246		
60141533003	RRS41SW1	EPA 5030B/8015B	GCV/4246		
60141533004	RRS41SW4	EPA 5030B/8015B	GCV/4246		
60141533005	RRS41SW5	EPA 5030B/8015B	GCV/4246		
60141533006	RRS41BKG1	EPA 5030B/8015B	GCV/4246		
60141533001	RRS41SW3	EPA 3010	MPRP/22121	EPA 6010	ICP/17653
60141533002	RRS41SW2	EPA 3010	MPRP/22121	EPA 6010	ICP/17653
60141533003	RRS41SW1	EPA 3010	MPRP/22121	EPA 6010	ICP/17653
60141533004	RRS41SW4	EPA 3010	MPRP/22121	EPA 6010	ICP/17653
60141533005	RRS41SW5	EPA 3010	MPRP/22121	EPA 6010	ICP/17653
60141533006	RRS41BKG1	EPA 3010	MPRP/22121	EPA 6010	ICP/17653
60141533001	RRS41SW3	EPA 7470	MERP/7217	EPA 7470	MERC/7177
60141533002	RRS41SW2	EPA 7470	MERP/7217	EPA 7470	MERC/7177
60141533003	RRS41SW1	EPA 7470	MERP/7217	EPA 7470	MERC/7177
60141533004	RRS41SW4	EPA 7470	MERP/7217	EPA 7470	MERC/7177
60141533005	RRS41SW5	EPA 7470	MERP/7217	EPA 7470	MERC/7177
60141533006	RRS41BKG1	EPA 7470	MERP/7217	EPA 7470	MERC/7177
60141533001	RRS41SW3	EPA 3510	OEXT/37794	EPA 8270 by SIM	MSSV/11898
60141533002	RRS41SW2	EPA 3510	OEXT/37794	EPA 8270 by SIM	MSSV/11898
60141533003	RRS41SW1	EPA 3510	OEXT/37794	EPA 8270 by SIM	MSSV/11898
60141533004	RRS41SW4	EPA 3510	OEXT/37794	EPA 8270 by SIM	MSSV/11898
60141533005	RRS41SW5	EPA 3510	OEXT/37794	EPA 8270 by SIM	MSSV/11898
60141533006	RRS41BKG1	EPA 3510	OEXT/37794	EPA 8270 by SIM	MSSV/11898
60141533001	RRS41SW3	EPA 5030B/8260	MSV/52728		
60141533002	RRS41SW2	EPA 5030B/8260	MSV/52728		
60141533003	RRS41SW1	EPA 5030B/8260	MSV/52728		
60141533004	RRS41SW4	EPA 5030B/8260	MSV/52734		
60141533005	RRS41SW5	EPA 5030B/8260	MSV/52734		
60141533006	RRS41BKG1	EPA 5030B/8260	MSV/52734		
60141533007	RRS41TB1	EPA 5030B/8260	MSV/52728		
60141533008	RRS41TB2	EPA 5030B/8260	MSV/52728		



Sample Condition Upon Receipt

WO#: 60141533



Client Name: CTEH

Courier: Fed Ex UPS USPS Client Commercial Pace Other VFA

Tracking #: _____ Pace Shipping Label Used? Yes No

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

Packing Material: Bubble Wrap Bubble Bags Foam None Other ZIP C

Thermometer Used: T-112 / T-194

Type of Ice: (Yes) Blue None Samples received on ice, cooling process has begun.
(circle one)

Cooler Temperature: 1.2/0.6

Temperature should be above freezing to 6°C

Date and initials of person examining contents: pu 4-2-13

Chain of Custody present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler name & signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>Rush</u>
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WT</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: <u>VOA</u> , coliform, TOC, O&G, WI-DRO (water), Phenolics	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>cover</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: mw

Date: 4/2/13



Sample Condition Upon Receipt

Client Name: CTEH

Optional
Proj Due Date:
Proj Name:

Courier: Fed Ex UPS USPS Client Commercial Pace Other VIA

Tracking #: _____ Pace Shipping Label Used? Yes No

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

Packing Material: Bubble Wrap Bubble Bags Foam None Other 2P/C

Thermometer Used: T-112 / T-194 Type of Ice: Wet Blue None Samples received on ice, cooling process has begun.

Cooler Temperature: 1-2/0.6

Temperature should be above freezing to 6°C

Date and initials of person examining contents: pu 4-2-13

Chain of Custody present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	1.
Chain of Custody filled out:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	2. <u>TB-1 - RRS41SW1</u>
Chain of Custody relinquished:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	3. <u>RRS41SW2</u>
Sampler name & signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4. <u>RRS41BKG1</u>
Samples arrived within holding time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>RRS41SW5 MS</u>
Short Hold Time analyses (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time requested:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>TB-2 - RRS41SW3</u>
Sufficient volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>RRS41SW5 MSD</u>
Correct containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>RRS41SW5</u>
Pace containers used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>RRS41SW4</u>
Containers intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Includes date/time/ID/analyses Matrix: <u>WT</u>		13.
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Exceptions: <u>VOA</u> , coliform, <u>TOC</u> , O&G, WI-DRO (water), Phenolics <u>pu 4-2-13</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
Trip Blank present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot # of added preservative
Pace Trip Blank lot # (if purchased): <u>COVER</u>		15.
Headspace in VOA vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Project sampled in USDA Regulated Area:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17. List State:

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____



******RAPID RESPONSE SAMPLES******

Section A Required Client Information:
 Company: CTEH
 Address: 5126 Northshore Dr
 Email To: Kyle.Lawrence@cteh.com
 Phone: 913-438-3449
 Requested Due Date/TAT: 4/13/13

Section B Required Project Information:
 Report To: Kyle Lawrence
 Copy To:
 Purchase Order No.:
 Project Name: Pacesus Protein
 Project Number: 40935

Section C Invoice Information:
 Attention: Accounts Payable
 Company Name: CTEH
 Address: 5126 Northshore Dr, North Little Rock, AR 72118
 Pace Quote Reference:
 Pace Project Manager:
 Pace Profile #:

Section D Required Client Information
SAMPLE ID
 One Character per box.
 (A-Z, 0-9 / -)
 Samples IDs MUST BE UNIQUE

ITEM #	MATRIX	Valid Matrix Codes	CODE	SAMPLE TYPE	G+GRAB C=COMP	COLLECTED			# OF CONTAINERS	Preservatives	Other	Requested Analysis:	Filtered (Y/N)	SAMPLER NAME AND SIGNATURE	DATE SIGNED (MM/DD/YY)
						COMPOSITE START	DATE	TIME							
1	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	10	HCl		Residual Chlorine (Y/N)		4/11/13	18:30	Y/N
2	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1825	10	NaOH				4/11/13	18:30	Y/N
3	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1830	10	HCl				4/11/13	18:30	Y/N
4	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	10	HNO3				4/11/13	18:30	Y/N
5	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1820	10	H2SO4				4/11/13	18:30	Y/N
6	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1820	10	Unpreserved				4/11/13	18:30	Y/N
7	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	10					4/11/13	18:30	Y/N
8	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	2					4/11/13	18:30	Y/N
9	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	2					4/11/13	18:30	Y/N
10	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	2					4/11/13	18:30	Y/N
11	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	2					4/11/13	18:30	Y/N
12	DRINKING WATER	DW	3AG1U1B93N15	WTG	G	4-1	1845	2					4/11/13	18:30	Y/N

Section E Regulatory Agency
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER
 SITE GA IL IN MI NJ NY OH SC VA WI OTHER
 LOCATION

Section F Additional Information:
 Relinquished By / Affiliation: Rick Shaw / CTEH
 Date: 4/11/13
 Time: 18:30
 Accepted By / Affiliation: Rick Shaw
 Date: 4/11/13
 Time: 18:30

Section G Samples Intact: Y/N
 Sealed Cooler: Y/N
 Custody: Y/N
 Received on: Y/N
 Temp in °C: 4-1-13

******RAPID RESPONSE SAMPLES******

Additional Comments: