

April 04, 2013

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

RE: Project: Pegasus Pipeline Release  
Pace Project No.: 60141710

Dear Kyle Lawrence:

Enclosed are the analytical results for sample(s) received by the laboratory on April 04, 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

maryjane.walls@pacelabs.com  
PM Lab Management

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

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### **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

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### SAMPLE SUMMARY

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60141710001	RRS43SW1	Water	04/03/13 14:40	04/04/13 06:10
60141710002	RRS43SW2	Water	04/03/13 10:10	04/04/13 06:10
60141710003	RRS43SW3	Water	04/03/13 09:20	04/04/13 06:10
60141710004	RRS43SW4	Water	04/03/13 15:10	04/04/13 06:10
60141710005	RRS43BKG1	Water	04/03/13 13:45	04/04/13 06:10
60141710006	RRS43TB1	Water	04/03/13 00:00	04/04/13 06:10
60141710007	RRS43TB2	Water	04/03/13 00:00	04/04/13 06:10
60141710008	RRS43SW5DUP	Water	04/03/13 11:15	04/04/13 06:10
60141710009	RRS43SW5	Water	04/03/13 11:15	04/04/13 06:10

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### SAMPLE ANALYTE COUNT

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60141710001	RRS43SW1	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141710002	RRS43SW2	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141710003	RRS43SW3	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141710004	RRS43SW4	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141710005	RRS43BKG1	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141710006	RRS43TB1	EPA 5030B/8260	PRG	70
60141710007	RRS43TB2	EPA 5030B/8260	PRG	70
60141710008	RRS43SW5DUP	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70
60141710009	RRS43SW5	EPA 8270 by SIM	JMT	18
		EPA 5030B/8260	PRG	70

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

**Sample: RRS43SW1**      **Lab ID: 60141710001**      Collected: 04/03/13 14:40      Received: 04/04/13 06:10      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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**8270 MSSV PAH by SIM**

Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3510

Acenaphthene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	83-32-9	
Acenaphthylene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	208-96-8	
Anthracene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	120-12-7	
Benzo(a)anthracene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	207-08-9	
Chrysene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	53-70-3	
Fluoranthene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	206-44-0	
Fluorene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	193-39-5	
Naphthalene	ND ug/L		0.50	1	04/04/13 00:00	04/04/13 10:59	91-20-3	
Phenanthrene	ND ug/L		0.50	1	04/04/13 00:00	04/04/13 10:59	85-01-8	
Pyrene	ND ug/L		0.10	1	04/04/13 00:00	04/04/13 10:59	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	73 %		40-120	1	04/04/13 00:00	04/04/13 10:59	321-60-8	
Terphenyl-d14 (S)	85 %		39-120	1	04/04/13 00:00	04/04/13 10:59	1718-51-0	

**8260 MSV**

Analytical Method: EPA 5030B/8260

Acetone	ND ug/L		10.0	1		04/04/13 10:10	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 10:10	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 10:10	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 10:10	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 10:10	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 10:10	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 10:10	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 10:10	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:10	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:10	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:10	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 10:10	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 10:10	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 10:10	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 10:10	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 10:10	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 10:10	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:10	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 10:10	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 10:10	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 10:10	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 10:10	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:10	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:10	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:10	106-46-7	

Date: 04/04/2013 02:25 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43SW1	Lab ID: 60141710001	Collected: 04/03/13 14:40	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 10:10	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:10	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:10	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 10:10	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:10	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:10	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:10	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:10	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:10	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:10	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:10	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:10	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:10	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 10:10	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 10:10	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 10:10	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 10:10	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 10:10	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 10:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 10:10	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 10:10	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 10:10	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 10:10	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 10:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:10	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 10:10	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 10:10	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:10	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:10	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:10	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:10	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 10:10	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 10:10	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 10:10	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:10	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:10	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 10:10	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 10:10	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	100 %		80-120	1		04/04/13 10:10	460-00-4	
Dibromofluoromethane (S)	110 %		80-120	1		04/04/13 10:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	126 %		80-120	1		04/04/13 10:10	17060-07-0	S3
Toluene-d8 (S)	100 %		80-120	1		04/04/13 10:10	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 10:10		

### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

**Sample: RRS43SW2**      **Lab ID: 60141710002**      Collected: 04/03/13 10:10      Received: 04/04/13 06:10      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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**8270 MSSV PAH by SIM**

Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3510

Acenaphthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	208-96-8	
Anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	207-08-9	
Chrysene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	206-44-0	
Fluorene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	193-39-5	
Naphthalene	ND ug/L		0.53	1	04/04/13 00:00	04/04/13 11:17	91-20-3	
Phenanthrene	ND ug/L		0.53	1	04/04/13 00:00	04/04/13 11:17	85-01-8	
Pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:17	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	76 %		40-120	1	04/04/13 00:00	04/04/13 11:17	321-60-8	
Terphenyl-d14 (S)	87 %		39-120	1	04/04/13 00:00	04/04/13 11:17	1718-51-0	

**8260 MSV**

Analytical Method: EPA 5030B/8260

Acetone	ND ug/L		10.0	1		04/04/13 10:25	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 10:25	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 10:25	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 10:25	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 10:25	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 10:25	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 10:25	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 10:25	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:25	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:25	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:25	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 10:25	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 10:25	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 10:25	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 10:25	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 10:25	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 10:25	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:25	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 10:25	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 10:25	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 10:25	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 10:25	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:25	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:25	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:25	106-46-7	

Date: 04/04/2013 02:25 PM

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Sample Project No.: 60141710

Sample: RRS43SW2	Lab ID: 60141710002	Collected: 04/03/13 10:10	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 10:25	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:25	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:25	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 10:25	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:25	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:25	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:25	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:25	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:25	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:25	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:25	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:25	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:25	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 10:25	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 10:25	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 10:25	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 10:25	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 10:25	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 10:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 10:25	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 10:25	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 10:25	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 10:25	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 10:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:25	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 10:25	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 10:25	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:25	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:25	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:25	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:25	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 10:25	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 10:25	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 10:25	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:25	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:25	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 10:25	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 10:25	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	99 %		80-120	1		04/04/13 10:25	460-00-4	
Dibromofluoromethane (S)	110 %		80-120	1		04/04/13 10:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	124 %		80-120	1		04/04/13 10:25	17060-07-0	S3
Toluene-d8 (S)	98 %		80-120	1		04/04/13 10:25	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 10:25		



### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43SW3	Lab ID: 60141710003	Collected: 04/03/13 09:20	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	208-96-8	
Anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	207-08-9	
Chrysene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	206-44-0	
Fluorene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	193-39-5	
Naphthalene	ND ug/L		0.53	1	04/04/13 00:00	04/04/13 11:36	91-20-3	
Phenanthrene	ND ug/L		0.53	1	04/04/13 00:00	04/04/13 11:36	85-01-8	
Pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:36	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	81 %		40-120	1	04/04/13 00:00	04/04/13 11:36	321-60-8	
Terphenyl-d14 (S)	90 %		39-120	1	04/04/13 00:00	04/04/13 11:36	1718-51-0	

<b>8260 MSV</b>								
Analytical Method: EPA 5030B/8260								
Acetone	ND ug/L		10.0	1		04/04/13 10:39	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 10:39	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 10:39	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 10:39	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 10:39	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 10:39	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 10:39	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 10:39	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:39	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:39	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:39	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 10:39	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 10:39	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 10:39	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 10:39	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 10:39	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 10:39	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:39	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 10:39	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 10:39	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 10:39	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 10:39	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:39	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:39	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:39	106-46-7	

Date: 04/04/2013 02:25 PM

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Sample Project No.: 60141710

Sample: RRS43SW3	Lab ID: 60141710003	Collected: 04/03/13 09:20	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 10:39	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:39	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:39	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 10:39	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:39	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:39	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:39	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:39	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:39	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:39	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:39	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:39	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:39	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 10:39	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 10:39	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 10:39	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 10:39	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 10:39	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 10:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 10:39	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 10:39	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 10:39	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 10:39	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 10:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:39	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 10:39	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 10:39	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:39	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:39	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:39	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:39	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 10:39	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 10:39	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 10:39	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:39	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:39	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 10:39	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 10:39	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	99 %		80-120	1		04/04/13 10:39	460-00-4	
Dibromofluoromethane (S)	101 %		80-120	1		04/04/13 10:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	124 %		80-120	1		04/04/13 10:39	17060-07-0	S3
Toluene-d8 (S)	101 %		80-120	1		04/04/13 10:39	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 10:39		

## ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

**Sample: RRS43SW4**      **Lab ID: 60141710004**      Collected: 04/03/13 15:10      Received: 04/04/13 06:10      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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**8270 MSSV PAH by SIM**

Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3510

Acenaphthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	208-96-8	
Anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	207-08-9	
Chrysene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	206-44-0	
Fluorene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	193-39-5	
Naphthalene	ND ug/L		0.54	1	04/04/13 00:00	04/04/13 11:54	91-20-3	
Phenanthrene	ND ug/L		0.54	1	04/04/13 00:00	04/04/13 11:54	85-01-8	
Pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 11:54	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	71 %		40-120	1	04/04/13 00:00	04/04/13 11:54	321-60-8	
Terphenyl-d14 (S)	85 %		39-120	1	04/04/13 00:00	04/04/13 11:54	1718-51-0	

**8260 MSV**

Analytical Method: EPA 5030B/8260

Acetone	ND ug/L		10.0	1		04/04/13 09:56	67-64-1	L3
Benzene	8.6 ug/L		1.0	1		04/04/13 09:56	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 09:56	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 09:56	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 09:56	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 09:56	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 09:56	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 09:56	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:56	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:56	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:56	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 09:56	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 09:56	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 09:56	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 09:56	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 09:56	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 09:56	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 09:56	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 09:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 09:56	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 09:56	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 09:56	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 09:56	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:56	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:56	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:56	106-46-7	

Date: 04/04/2013 02:25 PM

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## ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Sample Project No.: 60141710

Sample: RRS43SW4	Lab ID: 60141710004	Collected: 04/03/13 15:10	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 09:56	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 09:56	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 09:56	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 09:56	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:56	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:56	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:56	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:56	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:56	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:56	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:56	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:56	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:56	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 09:56	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 09:56	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 09:56	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 09:56	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 09:56	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 09:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 09:56	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 09:56	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 09:56	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 09:56	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 09:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 09:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 09:56	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 09:56	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 09:56	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 09:56	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 09:56	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 09:56	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 09:56	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 09:56	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 09:56	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 09:56	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 09:56	95-63-6	
1,3,5-Trimethylbenzene	2.9 ug/L		1.0	1		04/04/13 09:56	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 09:56	75-01-4	
Xylene (Total)	13.5 ug/L		3.0	1		04/04/13 09:56	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	102 %		80-120	1		04/04/13 09:56	460-00-4	
Dibromofluoromethane (S)	109 %		80-120	1		04/04/13 09:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	125 %		80-120	1		04/04/13 09:56	17060-07-0	S0
Toluene-d8 (S)	99 %		80-120	1		04/04/13 09:56	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 09:56		

### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43BKG1	Lab ID: 60141710005	Collected: 04/03/13 13:45	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV PAH by SIM</b>		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510						
Acenaphthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	208-96-8	
Anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	207-08-9	
Chrysene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	206-44-0	
Fluorene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	193-39-5	
Naphthalene	ND ug/L		0.54	1	04/04/13 00:00	04/04/13 12:12	91-20-3	
Phenanthrene	ND ug/L		0.54	1	04/04/13 00:00	04/04/13 12:12	85-01-8	
Pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:12	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	61 %		40-120	1	04/04/13 00:00	04/04/13 12:12	321-60-8	
Terphenyl-d14 (S)	77 %		39-120	1	04/04/13 00:00	04/04/13 12:12	1718-51-0	

<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/04/13 10:54	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 10:54	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 10:54	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 10:54	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 10:54	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 10:54	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 10:54	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 10:54	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:54	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:54	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 10:54	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 10:54	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 10:54	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 10:54	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 10:54	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 10:54	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 10:54	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:54	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 10:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 10:54	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 10:54	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 10:54	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 10:54	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:54	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:54	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 10:54	106-46-7	

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### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Sample Project No.: 60141710

Sample: RRS43BKG1	Lab ID: 60141710005	Collected: 04/03/13 13:45	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 10:54	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:54	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 10:54	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 10:54	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:54	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:54	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 10:54	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:54	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:54	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 10:54	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:54	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:54	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 10:54	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 10:54	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 10:54	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 10:54	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 10:54	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 10:54	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 10:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 10:54	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 10:54	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 10:54	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 10:54	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 10:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 10:54	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 10:54	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 10:54	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:54	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 10:54	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:54	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 10:54	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 10:54	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 10:54	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 10:54	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:54	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 10:54	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 10:54	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 10:54	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98 %		80-120	1		04/04/13 10:54	460-00-4	
Dibromofluoromethane (S)	111 %		80-120	1		04/04/13 10:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	126 %		80-120	1		04/04/13 10:54	17060-07-0	S3
Toluene-d8 (S)	98 %		80-120	1		04/04/13 10:54	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 10:54		

### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43TB1	Lab ID: 60141710006	Collected: 04/03/13 00:00	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/04/13 09:27	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 09:27	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 09:27	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 09:27	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 09:27	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 09:27	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 09:27	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 09:27	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:27	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:27	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:27	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 09:27	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 09:27	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 09:27	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 09:27	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 09:27	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 09:27	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 09:27	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 09:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 09:27	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 09:27	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 09:27	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 09:27	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:27	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:27	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:27	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 09:27	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 09:27	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 09:27	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 09:27	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:27	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:27	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:27	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:27	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:27	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:27	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:27	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:27	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:27	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 09:27	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 09:27	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 09:27	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 09:27	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 09:27	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 09:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 09:27	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 09:27	1634-04-4	

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43TB1		Lab ID: 60141710006	Collected: 04/03/13 00:00	Received: 04/04/13 06:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/04/13 09:27	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 09:27	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 09:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 09:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 09:27	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 09:27	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 09:27	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 09:27	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 09:27	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 09:27	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 09:27	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 09:27	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 09:27	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 09:27	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 09:27	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 09:27	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 09:27	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 09:27	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	100 %		80-120	1		04/04/13 09:27	460-00-4	
Dibromofluoromethane (S)	111 %		80-120	1		04/04/13 09:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	122 %		80-120	1		04/04/13 09:27	17060-07-0	S3
Toluene-d8 (S)	99 %		80-120	1		04/04/13 09:27	2037-26-5	
Preservation pH	<b>1.0</b>		0.10	1		04/04/13 09:27		



## ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43TB2	Lab ID: 60141710007	Collected: 04/03/13 00:00	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Acetone	ND ug/L		10.0	1		04/04/13 09:41	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 09:41	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 09:41	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 09:41	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 09:41	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 09:41	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 09:41	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 09:41	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:41	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:41	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 09:41	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 09:41	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 09:41	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 09:41	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 09:41	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 09:41	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 09:41	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 09:41	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 09:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 09:41	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 09:41	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 09:41	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 09:41	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:41	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:41	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 09:41	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 09:41	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 09:41	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 09:41	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 09:41	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:41	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:41	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 09:41	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:41	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:41	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 09:41	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:41	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:41	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 09:41	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 09:41	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 09:41	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 09:41	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 09:41	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 09:41	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 09:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 09:41	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 09:41	1634-04-4	

Date: 04/04/2013 02:25 PM

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Sample: RRS43TB2		Lab ID: 60141710007	Collected: 04/03/13 00:00	Received: 04/04/13 06:10	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Naphthalene	ND ug/L		10.0	1		04/04/13 09:41	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 09:41	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 09:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 09:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 09:41	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 09:41	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 09:41	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 09:41	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 09:41	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 09:41	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 09:41	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 09:41	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 09:41	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 09:41	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 09:41	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 09:41	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 09:41	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 09:41	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	97 %		80-120	1		04/04/13 09:41	460-00-4	
Dibromofluoromethane (S)	109 %		80-120	1		04/04/13 09:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	128 %		80-120	1		04/04/13 09:41	17060-07-0	S3
Toluene-d8 (S)	96 %		80-120	1		04/04/13 09:41	2037-26-5	
Preservation pH	<b>1.0</b>		0.10	1		04/04/13 09:41		

### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

**Sample:** RRS43SW5DUP      **Lab ID:** 60141710008      Collected: 04/03/13 11:15      Received: 04/04/13 06:10      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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**8270 MSSV PAH by SIM**

Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3510

Acenaphthene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	83-32-9	
Acenaphthylene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	208-96-8	
Anthracene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	120-12-7	
Benzo(a)anthracene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	56-55-3	
Benzo(a)pyrene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	207-08-9	
Chrysene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	53-70-3	
Fluoranthene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	206-44-0	
Fluorene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	193-39-5	
Naphthalene	ND ug/L		0.61	1	04/04/13 00:00	04/04/13 12:31	91-20-3	
Phenanthrene	ND ug/L		0.61	1	04/04/13 00:00	04/04/13 12:31	85-01-8	
Pyrene	ND ug/L		0.12	1	04/04/13 00:00	04/04/13 12:31	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	73 %		40-120	1	04/04/13 00:00	04/04/13 12:31	321-60-8	
Terphenyl-d14 (S)	85 %		39-120	1	04/04/13 00:00	04/04/13 12:31	1718-51-0	

**8260 MSV**

Analytical Method: EPA 5030B/8260

Acetone	ND ug/L		10.0	1		04/04/13 11:08	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 11:08	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 11:08	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 11:08	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 11:08	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 11:08	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 11:08	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 11:08	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 11:08	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 11:08	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 11:08	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 11:08	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 11:08	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 11:08	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 11:08	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 11:08	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 11:08	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 11:08	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 11:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 11:08	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 11:08	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 11:08	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 11:08	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 11:08	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 11:08	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 11:08	106-46-7	

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**REPORT OF LABORATORY ANALYSIS**

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## ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Sample Project No.: 60141710

Sample: RRS43SW5DUP	Lab ID: 60141710008	Collected: 04/03/13 11:15	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 11:08	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 11:08	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 11:08	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 11:08	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 11:08	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 11:08	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 11:08	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 11:08	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 11:08	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 11:08	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 11:08	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 11:08	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 11:08	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 11:08	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 11:08	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 11:08	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 11:08	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 11:08	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 11:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 11:08	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 11:08	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 11:08	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 11:08	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 11:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 11:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 11:08	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 11:08	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 11:08	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 11:08	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 11:08	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 11:08	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 11:08	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 11:08	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 11:08	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 11:08	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 11:08	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 11:08	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 11:08	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 11:08	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	99 %		80-120	1		04/04/13 11:08	460-00-4	
Dibromofluoromethane (S)	111 %		80-120	1		04/04/13 11:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	125 %		80-120	1		04/04/13 11:08	17060-07-0	S3
Toluene-d8 (S)	100 %		80-120	1		04/04/13 11:08	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 11:08		

### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

**Sample: RRS43SW5**      **Lab ID: 60141710009**      Collected: 04/03/13 11:15      Received: 04/04/13 06:10      Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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**8270 MSSV PAH by SIM**

Analytical Method: EPA 8270 by SIM      Preparation Method: EPA 3510

Acenaphthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	83-32-9	
Acenaphthylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	208-96-8	
Anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	120-12-7	
Benzo(a)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	56-55-3	
Benzo(a)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	191-24-2	
Benzo(k)fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	207-08-9	
Chrysene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	53-70-3	
Fluoranthene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	206-44-0	
Fluorene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	193-39-5	
Naphthalene	ND ug/L		0.54	1	04/04/13 00:00	04/04/13 12:49	91-20-3	
Phenanthrene	ND ug/L		0.54	1	04/04/13 00:00	04/04/13 12:49	85-01-8	
Pyrene	ND ug/L		0.11	1	04/04/13 00:00	04/04/13 12:49	129-00-0	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	75 %		40-120	1	04/04/13 00:00	04/04/13 12:49	321-60-8	
Terphenyl-d14 (S)	81 %		39-120	1	04/04/13 00:00	04/04/13 12:49	1718-51-0	

**8260 MSV**

Analytical Method: EPA 5030B/8260

Acetone	ND ug/L		10.0	1		04/04/13 11:22	67-64-1	L3
Benzene	ND ug/L		1.0	1		04/04/13 11:22	71-43-2	
Bromobenzene	ND ug/L		1.0	1		04/04/13 11:22	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		04/04/13 11:22	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		04/04/13 11:22	75-27-4	
Bromoform	ND ug/L		1.0	1		04/04/13 11:22	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/04/13 11:22	74-83-9	
2-Butanone (MEK)	ND ug/L		10.0	1		04/04/13 11:22	78-93-3	
n-Butylbenzene	ND ug/L		1.0	1		04/04/13 11:22	104-51-8	
sec-Butylbenzene	ND ug/L		1.0	1		04/04/13 11:22	135-98-8	
tert-Butylbenzene	ND ug/L		1.0	1		04/04/13 11:22	98-06-6	
Carbon disulfide	ND ug/L		5.0	1		04/04/13 11:22	75-15-0	
Carbon tetrachloride	ND ug/L		1.0	1		04/04/13 11:22	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		04/04/13 11:22	108-90-7	
Chloroethane	ND ug/L		1.0	1		04/04/13 11:22	75-00-3	
Chloroform	ND ug/L		1.0	1		04/04/13 11:22	67-66-3	
Chloromethane	ND ug/L		1.0	1		04/04/13 11:22	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		04/04/13 11:22	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		04/04/13 11:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		2.5	1		04/04/13 11:22	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		04/04/13 11:22	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		04/04/13 11:22	106-93-4	
Dibromomethane	ND ug/L		1.0	1		04/04/13 11:22	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 11:22	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 11:22	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		04/04/13 11:22	106-46-7	

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**REPORT OF LABORATORY ANALYSIS**

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### ANALYTICAL RESULTS

Project: Pegasus Pipeline Release

Sample Project No.: 60141710

Sample: RRS43SW5	Lab ID: 60141710009	Collected: 04/03/13 11:15	Received: 04/04/13 06:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 5030B/8260						
Dichlorodifluoromethane	ND ug/L		1.0	1		04/04/13 11:22	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		04/04/13 11:22	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		04/04/13 11:22	107-06-2	L3
1,2-Dichloroethene (Total)	ND ug/L		1.0	1		04/04/13 11:22	540-59-0	
1,1-Dichloroethene	ND ug/L		1.0	1		04/04/13 11:22	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 11:22	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		04/04/13 11:22	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 11:22	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		04/04/13 11:22	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		04/04/13 11:22	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		04/04/13 11:22	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 11:22	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		04/04/13 11:22	10061-02-6	
Ethylbenzene	ND ug/L		1.0	1		04/04/13 11:22	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		04/04/13 11:22	87-68-3	
2-Hexanone	ND ug/L		10.0	1		04/04/13 11:22	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		1.0	1		04/04/13 11:22	98-82-8	
p-Isopropyltoluene	ND ug/L		1.0	1		04/04/13 11:22	99-87-6	
Methylene chloride	ND ug/L		1.0	1		04/04/13 11:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		10.0	1		04/04/13 11:22	108-10-1	L3
Methyl-tert-butyl ether	ND ug/L		1.0	1		04/04/13 11:22	1634-04-4	
Naphthalene	ND ug/L		10.0	1		04/04/13 11:22	91-20-3	
n-Propylbenzene	ND ug/L		1.0	1		04/04/13 11:22	103-65-1	
Styrene	ND ug/L		1.0	1		04/04/13 11:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 11:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		04/04/13 11:22	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		04/04/13 11:22	127-18-4	
Toluene	ND ug/L		1.0	1		04/04/13 11:22	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 11:22	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		04/04/13 11:22	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		04/04/13 11:22	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		04/04/13 11:22	79-00-5	
Trichloroethene	ND ug/L		1.0	1		04/04/13 11:22	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		04/04/13 11:22	75-69-4	
1,2,3-Trichloropropane	ND ug/L		2.5	1		04/04/13 11:22	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 11:22	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		1.0	1		04/04/13 11:22	108-67-8	
Vinyl chloride	ND ug/L		1.0	1		04/04/13 11:22	75-01-4	
Xylene (Total)	ND ug/L		3.0	1		04/04/13 11:22	1330-20-7	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98 %		80-120	1		04/04/13 11:22	460-00-4	
Dibromofluoromethane (S)	110 %		80-120	1		04/04/13 11:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	122 %		80-120	1		04/04/13 11:22	17060-07-0	S3
Toluene-d8 (S)	99 %		80-120	1		04/04/13 11:22	2037-26-5	
Preservation pH	1.0		0.10	1		04/04/13 11:22		

### QUALITY CONTROL DATA

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

QC Batch: MSV/52780 Analysis Method: EPA 5030B/8260  
 QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge  
 Associated Lab Samples: 60141710001, 60141710002, 60141710003, 60141710004, 60141710005, 60141710006, 60141710007, 60141710008, 60141710009

METHOD BLANK: 1164396 Matrix: Water

Associated Lab Samples: 60141710001, 60141710002, 60141710003, 60141710004, 60141710005, 60141710006, 60141710007, 60141710008, 60141710009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/04/13 08:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/04/13 08:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/04/13 08:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/04/13 08:58	
1,1-Dichloroethane	ug/L	ND	1.0	04/04/13 08:58	
1,1-Dichloroethene	ug/L	ND	1.0	04/04/13 08:58	
1,1-Dichloropropene	ug/L	ND	1.0	04/04/13 08:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	04/04/13 08:58	
1,2,3-Trichloropropane	ug/L	ND	2.5	04/04/13 08:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/04/13 08:58	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	04/04/13 08:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	04/04/13 08:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/04/13 08:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/04/13 08:58	
1,2-Dichloroethane	ug/L	ND	1.0	04/04/13 08:58	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	04/04/13 08:58	
1,2-Dichloropropane	ug/L	ND	1.0	04/04/13 08:58	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	04/04/13 08:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/04/13 08:58	
1,3-Dichloropropane	ug/L	ND	1.0	04/04/13 08:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/04/13 08:58	
2,2-Dichloropropane	ug/L	ND	1.0	04/04/13 08:58	
2-Butanone (MEK)	ug/L	ND	10.0	04/04/13 08:58	
2-Chlorotoluene	ug/L	ND	1.0	04/04/13 08:58	
2-Hexanone	ug/L	ND	10.0	04/04/13 08:58	
4-Chlorotoluene	ug/L	ND	1.0	04/04/13 08:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	04/04/13 08:58	
Acetone	ug/L	ND	10.0	04/04/13 08:58	
Benzene	ug/L	ND	1.0	04/04/13 08:58	
Bromobenzene	ug/L	ND	1.0	04/04/13 08:58	
Bromochloromethane	ug/L	ND	1.0	04/04/13 08:58	
Bromodichloromethane	ug/L	ND	1.0	04/04/13 08:58	
Bromoform	ug/L	ND	1.0	04/04/13 08:58	
Bromomethane	ug/L	ND	5.0	04/04/13 08:58	
Carbon disulfide	ug/L	ND	5.0	04/04/13 08:58	
Carbon tetrachloride	ug/L	ND	1.0	04/04/13 08:58	
Chlorobenzene	ug/L	ND	1.0	04/04/13 08:58	
Chloroethane	ug/L	ND	1.0	04/04/13 08:58	
Chloroform	ug/L	ND	1.0	04/04/13 08:58	
Chloromethane	ug/L	ND	1.0	04/04/13 08:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/04/13 08:58	

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### QUALITY CONTROL DATA

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

METHOD BLANK: 1164396

Matrix: Water

Associated Lab Samples: 60141710001, 60141710002, 60141710003, 60141710004, 60141710005, 60141710006, 60141710007, 60141710008, 60141710009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/04/13 08:58	
Dibromochloromethane	ug/L	ND	1.0	04/04/13 08:58	
Dibromomethane	ug/L	ND	1.0	04/04/13 08:58	
Dichlorodifluoromethane	ug/L	ND	1.0	04/04/13 08:58	
Ethylbenzene	ug/L	ND	1.0	04/04/13 08:58	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/04/13 08:58	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	04/04/13 08:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	04/04/13 08:58	
Methylene chloride	ug/L	ND	1.0	04/04/13 08:58	
n-Butylbenzene	ug/L	ND	1.0	04/04/13 08:58	
n-Propylbenzene	ug/L	ND	1.0	04/04/13 08:58	
Naphthalene	ug/L	ND	10.0	04/04/13 08:58	
p-Isopropyltoluene	ug/L	ND	1.0	04/04/13 08:58	
sec-Butylbenzene	ug/L	ND	1.0	04/04/13 08:58	
Styrene	ug/L	ND	1.0	04/04/13 08:58	
tert-Butylbenzene	ug/L	ND	1.0	04/04/13 08:58	
Tetrachloroethene	ug/L	ND	1.0	04/04/13 08:58	
Toluene	ug/L	ND	1.0	04/04/13 08:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/04/13 08:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/04/13 08:58	
Trichloroethene	ug/L	ND	1.0	04/04/13 08:58	
Trichlorofluoromethane	ug/L	ND	1.0	04/04/13 08:58	
Vinyl chloride	ug/L	ND	1.0	04/04/13 08:58	
Xylene (Total)	ug/L	ND	3.0	04/04/13 08:58	
1,2-Dichloroethane-d4 (S)	%	123	80-120	04/04/13 08:58	S3
4-Bromofluorobenzene (S)	%	100	80-120	04/04/13 08:58	
Dibromofluoromethane (S)	%	109	80-120	04/04/13 08:58	
Toluene-d8 (S)	%	99	80-120	04/04/13 08:58	

LABORATORY CONTROL SAMPLE: 1164397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.8	109	79-121	
1,1,1-Trichloroethane	ug/L	20	23.6	118	75-124	
1,1,2,2-Tetrachloroethane	ug/L	20	20.7	104	73-120	
1,1,2-Trichloroethane	ug/L	20	19.8	99	76-120	
1,1-Dichloroethane	ug/L	20	18.7	94	73-120	
1,1-Dichloroethene	ug/L	20	23.4	117	70-127	
1,1-Dichloropropene	ug/L	20	22.4	112	79-124	
1,2,3-Trichlorobenzene	ug/L	20	20.6	103	68-130	
1,2,3-Trichloropropane	ug/L	20	23.4	117	72-124	
1,2,4-Trichlorobenzene	ug/L	20	19.2	96	73-125	
1,2,4-Trimethylbenzene	ug/L	20	21.6	108	76-120	
1,2-Dibromo-3-chloropropane	ug/L	20	21.0	105	68-126	

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### QUALITY CONTROL DATA

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

LABORATORY CONTROL SAMPLE: 1164397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	21.5	108	79-121	
1,2-Dichlorobenzene	ug/L	20	21.5	107	79-120	
1,2-Dichloroethane	ug/L	20	25.4	127	72-122	L0
1,2-Dichloroethene (Total)	ug/L	40	44.1	110	77-120	
1,2-Dichloropropane	ug/L	20	21.9	110	77-120	
1,3,5-Trimethylbenzene	ug/L	20	22.1	110	75-120	
1,3-Dichlorobenzene	ug/L	20	21.3	106	80-120	
1,3-Dichloropropane	ug/L	20	20.8	104	76-120	
1,4-Dichlorobenzene	ug/L	20	20.9	105	80-120	
2,2-Dichloropropane	ug/L	20	22.8	114	52-135	
2-Butanone (MEK)	ug/L	100	117	117	69-124	
2-Chlorotoluene	ug/L	20	21.3	107	78-120	
2-Hexanone	ug/L	100	115	115	70-125	
4-Chlorotoluene	ug/L	20	21.5	107	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	124	124	72-123	L0
Acetone	ug/L	100	131	131	60-126	L0
Benzene	ug/L	20	20.7	104	73-122	
Bromobenzene	ug/L	20	21.7	108	79-120	
Bromochloromethane	ug/L	20	18.6	93	76-125	
Bromodichloromethane	ug/L	20	22.5	113	73-120	
Bromoform	ug/L	20	19.3	96	74-120	
Bromomethane	ug/L	20	22.5	112	40-146	
Carbon disulfide	ug/L	20	21.4	107	62-125	
Carbon tetrachloride	ug/L	20	24.3	121	73-125	
Chlorobenzene	ug/L	20	20.6	103	80-120	
Chloroethane	ug/L	20	19.9	99	56-159	
Chloroform	ug/L	20	23.3	116	76-120	
Chloromethane	ug/L	20	28.5	142	40-148	
cis-1,2-Dichloroethene	ug/L	20	20.9	104	69-120	
cis-1,3-Dichloropropene	ug/L	20	22.8	114	76-120	
Dibromochloromethane	ug/L	20	21.8	109	79-121	
Dibromomethane	ug/L	20	21.2	106	77-120	
Dichlorodifluoromethane	ug/L	20	20.6	103	40-141	
Ethylbenzene	ug/L	20	20.7	103	76-123	
Hexachloro-1,3-butadiene	ug/L	20	19.9	99	69-125	
Isopropylbenzene (Cumene)	ug/L	20	23.5	118	80-130	
Methyl-tert-butyl ether	ug/L	20	24.7	124	67-128	
Methylene chloride	ug/L	20	22.0	110	71-123	
n-Butylbenzene	ug/L	20	23.0	115	77-124	
n-Propylbenzene	ug/L	20	20.8	104	78-120	
Naphthalene	ug/L	20	20.3	102	64-127	
p-Isopropyltoluene	ug/L	20	22.0	110	78-120	
sec-Butylbenzene	ug/L	20	22.6	113	77-122	
Styrene	ug/L	20	20.4	102	79-120	
tert-Butylbenzene	ug/L	20	22.3	111	76-123	
Tetrachloroethene	ug/L	20	19.7	99	79-122	
Toluene	ug/L	20	20.6	103	76-122	
trans-1,2-Dichloroethene	ug/L	20	23.2	116	78-126	

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### QUALITY CONTROL DATA

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

LABORATORY CONTROL SAMPLE: 1164397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	20	24.1	121	79-124	
Trichloroethene	ug/L	20	20.9	104	76-120	
Trichlorofluoromethane	ug/L	20	23.8	119	69-133	
Vinyl chloride	ug/L	20	23.8	119	57-140	
Xylene (Total)	ug/L	60	62.8	105	76-122	
1,2-Dichloroethane-d4 (S)	%			115	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Dibromofluoromethane (S)	%			108	80-120	
Toluene-d8 (S)	%			98	80-120	

### QUALITY CONTROL DATA

Project: Pegasus Pipeline Release  
Pace Project No.: 60141710

QC Batch: OEXT/37830 Analysis Method: EPA 8270 by SIM  
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by SIM MSSV  
Associated Lab Samples: 60141710001, 60141710002, 60141710003, 60141710004, 60141710005, 60141710008, 60141710009

METHOD BLANK: 1164398 Matrix: Water  
Associated Lab Samples: 60141710001, 60141710002, 60141710003, 60141710004, 60141710005, 60141710008, 60141710009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	ND	0.10	04/04/13 10:22	
Acenaphthylene	ug/L	ND	0.10	04/04/13 10:22	
Anthracene	ug/L	ND	0.10	04/04/13 10:22	
Benzo(a)anthracene	ug/L	ND	0.10	04/04/13 10:22	
Benzo(a)pyrene	ug/L	ND	0.10	04/04/13 10:22	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/04/13 10:22	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/04/13 10:22	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/04/13 10:22	
Chrysene	ug/L	ND	0.10	04/04/13 10:22	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/04/13 10:22	
Fluoranthene	ug/L	ND	0.10	04/04/13 10:22	
Fluorene	ug/L	ND	0.10	04/04/13 10:22	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/04/13 10:22	
Naphthalene	ug/L	ND	0.50	04/04/13 10:22	
Phenanthrene	ug/L	ND	0.50	04/04/13 10:22	
Pyrene	ug/L	ND	0.10	04/04/13 10:22	
2-Fluorobiphenyl (S)	%	75	40-120	04/04/13 10:22	
Terphenyl-d14 (S)	%	84	39-120	04/04/13 10:22	

LABORATORY CONTROL SAMPLE: 1164399

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/L	1	0.74	74	45-120	
Acenaphthylene	ug/L	1	0.74	74	43-120	
Anthracene	ug/L	1	0.76	76	48-120	
Benzo(a)anthracene	ug/L	1	0.83	83	51-120	
Benzo(a)pyrene	ug/L	1	0.77	77	49-120	
Benzo(b)fluoranthene	ug/L	1	0.77	77	48-120	
Benzo(g,h,i)perylene	ug/L	1	0.76	76	34-120	
Benzo(k)fluoranthene	ug/L	1	0.86	86	51-120	
Chrysene	ug/L	1	0.82	82	43-120	
Dibenz(a,h)anthracene	ug/L	1	0.79	79	32-120	
Fluoranthene	ug/L	1	0.81	81	53-120	
Fluorene	ug/L	1	0.76	76	49-120	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.78	78	36-120	
Naphthalene	ug/L	1	0.76	76	44-120	
Phenanthrene	ug/L	1	0.78	78	52-120	
Pyrene	ug/L	1	0.79	79	48-120	
2-Fluorobiphenyl (S)	%			72	40-120	
Terphenyl-d14 (S)	%			76	39-120	

## QUALIFIERS

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

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### DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- S0 Surrogate recovery outside laboratory control limits.
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pegasus Pipeline Release

Pace Project No.: 60141710

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60141710001	RRS43SW1	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710002	RRS43SW2	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710003	RRS43SW3	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710004	RRS43SW4	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710005	RRS43BKG1	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710008	RRS43SW5DUP	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710009	RRS43SW5	EPA 3510	OEXT/37830	EPA 8270 by SIM	MSSV/11911
60141710001	RRS43SW1	EPA 5030B/8260	MSV/52780		
60141710002	RRS43SW2	EPA 5030B/8260	MSV/52780		
60141710003	RRS43SW3	EPA 5030B/8260	MSV/52780		
60141710004	RRS43SW4	EPA 5030B/8260	MSV/52780		
60141710005	RRS43BKG1	EPA 5030B/8260	MSV/52780		
60141710006	RRS43TB1	EPA 5030B/8260	MSV/52780		
60141710007	RRS43TB2	EPA 5030B/8260	MSV/52780		
60141710008	RRS43SW5DUP	EPA 5030B/8260	MSV/52780		
60141710009	RRS43SW5	EPA 5030B/8260	MSV/52780		



Sample Condition Upon Receipt

WO#: 60141710



Client Name: CTEH

Courier: Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace [ ] Other [X] VIA

Tracking #: Pace Shipping Label Used? Yes [ ] No [X]

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

Packing Material: Bubble Wrap [ ] Bubble Bags [X] Foam [X] None [ ] Other [X] ZPC

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

Cooler Temperature: 2.4 / 1.6

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

Temperature should be above freezing to 6°C

Table with 17 rows and 2 columns. Row 1: Chain of Custody present: [X] Yes [ ] No [ ] N/A 1. Row 2: Chain of Custody filled out: [X] Yes [ ] No [ ] N/A 2. Row 3: Chain of Custody relinquished: [X] Yes [ ] No [ ] N/A 3. Row 4: Sampler name & signature on COC: [X] Yes [ ] No [ ] N/A 4. Row 5: Samples arrived within holding time: [X] Yes [ ] No [ ] N/A 5. Row 6: Short Hold Time analyses (<72hr): [ ] Yes [X] No [ ] N/A 6. Row 7: Rush Turn Around Time requested: [ ] Yes [ ] No [ ] N/A 7. ASAP. Row 8: Sufficient volume: [X] Yes [ ] No [ ] N/A 8. Row 9: Correct containers used: [X] Yes [ ] No [ ] N/A 9. Row 10: Pace containers used: [X] Yes [ ] No [ ] N/A 10. Row 11: Containers intact: [X] Yes [ ] No [ ] N/A 11. Row 12: Unpreserved 5035A soils frozen w/in 48hrs? [ ] Yes [ ] No [X] N/A 12. Row 13: Filtered volume received for dissolved tests? [ ] Yes [ ] No [X] N/A 13. Row 14: Sample labels match COC: [X] Yes [ ] No [ ] N/A 14. Row 15: Includes date/time/ID/analyses Matrix: WT 15. Row 16: All containers needing preservation have been checked. [ ] Yes [ ] No [X] N/A 16. Row 17: All containers needing preservation are found to be in compliance with EPA recommendation. [ ] Yes [ ] No [X] N/A 17. Initial when completed: Lot # of added preservative.

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

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: [Signature]

Date: 4/4/13



**PRIORITY**

**CHAIN-OF-CUSTODY / Analytical Request Document**

*Emergency Response*

**Section A**  
 Required Client Information:  
 Company: **CTEH**  
 Address: **5120 NORTHSHORE DRIVE**  
 North Little Rock, AR 72118  
 Email To: **KLAWRENCE@CTEH.COM**  
 Phone: **501 801 8500** Fax: **501 801 8501**  
 Requested Due Date/TAT: \_\_\_\_\_

**Section B**  
 Required Project Information:  
 Report To: **KYLE LAWRENCE**  
 Copy To: \_\_\_\_\_  
 Purchase Order No.: \_\_\_\_\_  
 Project Name: **PELAGUS PIPELINE RELEASE**  
 Project Number: **40435-1**

**Section C**  
 Invoice Information:  
 Attention: **ACCOUNTS PAYABLE**  
 Company Name: **CTEH**  
 Address: **5120 NORTH SHORE DRIVE**  
 Pace Quote Reference: \_\_\_\_\_  
 Pace Project Manager: \_\_\_\_\_  
 Pace Profile #: \_\_\_\_\_

Page: \_\_\_\_\_ of \_\_\_\_\_  
**1635115**

**REGULATORY AGENCY**  
 NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_

Site Location: \_\_\_\_\_ STATE: **AR**

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
				COMPOSITE START	COMPOSITE END/GRAB							
1	RRS 43 SW1	Drinking Water		DATE: 4/13/13	TIME: 1440		5	Unpreserved	X			3D69H 2461M01
2	RRS 43 SW2	Water		DATE: 4/13/13	TIME: 1010		5	Unpreserved	X			002
3	RRS 43 SW3	Waste Water		DATE: 4/13/13	TIME: 0920		5	Unpreserved	X			003
4	RRS 43 SW4	Product		DATE: 4/13/13	TIME: 1510		5	Unpreserved	X			004
5	RRS 43 SW5	Soil/Solid		DATE: 4/13/13	TIME: 1115		5	Unpreserved	X			009
6	RRS 43 BKG1	Oil		DATE: 4/13/13	TIME: 1345		5	Unpreserved	X			005
7	RRS 43 TR1	Wipe		DATE: 4/13/13	TIME:		2	HCl	X			006
8	RRS 43 TR2	Air		DATE: 4/13/13	TIME:		2	HNO3	X			007
9	RRS 43 SW5 Dup	Other		DATE: 4/13/13	TIME: 1115		5	H2SO4	X			008
10								NaOH				
11								Na2S2O3				
12								Methanol				
								Other				

**ADDITIONAL COMMENTS**  
 R.J. Shaw / CTEH  
 4-13-13 1624  
 4-13-13 0610  
 4-13-13 0610

**RELINQUISHED BY / AFFILIATION**  
 R.J. Shaw / CTEH

**DATE**  
 4-13-13 1624  
 4-13-13 0610  
 4-13-13 0610

**ACCEPTED BY / AFFILIATION**  
 [Signature]

**DATE SIGNED (MM/DD/YY)**  
 4/13/2013

**DATE**  
 4-13-13 1624  
 4-13-13 0610  
 4-13-13 0610

**TEMP IN °C**  
 24  
 16

**RECEIVED ON**  
 Y  
 Y  
 Y

**SEALED COOLER**  
 Y  
 Y  
 Y

**CUSTOMY**  
 Y  
 Y  
 Y

**SAMPLES INJECT**  
 Y  
 Y  
 Y

**SAMPLER NAME AND SIGNATURE**  
 PRINT Name of SAMPLER: **RICH SHAW**  
 SIGNATURE of SAMPLER: [Signature]

**ORIGINAL**

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days. F-ALL-Q-020rev.07, 15-May-2007