HIP - ___107_____

MONITORING REPORTS

YEAR(S):

_____2007_____

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Monday, December 10, 2007 7:42 AM
To: 'Duarte, Ricardo (Richard)'
Subject: RE: Line 3222 EPNG's San Juan Hydrotest

Richard,

Thanks for the email. As we discussed over the phone, OCD grants approval of the discharge of the hydrostatic test water at Key Energy's Class I Injection well.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Duarte, Ricardo (Richard) [mailto:Ricardo.Duarte@ElPaso.com]
Sent: Wednesday, December 05, 2007 10:17 AM
To: Jones, Brad A., EMNRD
Cc: Price, Wayne, EMNRD
Subject: RE: Line 3222 EPNG's San Juan Hydrotest

Brad:

It was good to visit with you on this matter this morning. With your approval, we would be discharging this water down-hole at a Class I Water Well injection site owned by Key Energy. Their well is located on Couch Mesa in San Juan County, NM. Their offices are at KEY ENERGY SERVICES, INC.
5651 US HWY 64 PO Box 900
FARMINGTON, NM 87499

Thank you,

Richard

From: Duarte, Ricardo (Richard)
Sent: Monday, December 03, 2007 11:57 AM
To: 'Jones, Brad A., EMNRD'
Subject: Line 3222 EPNG's San Juan Hydrotest

Brad:

Here are the analytical results for the hydrostatic test results. I hereby request your review and approval to discharge down hole.

The first document 2007101485 (the hydro test water from the job) shows a comparison of the water testing before and after. With exception of mercury, iron and manganese, the water meets the metals and voc standards. The post test water shows mercury at 0.0028 mg/L (standard is 0.002 mg/L), iron at 7.4 mg/L (standard 1.0 mg/L) and manganese at 0.63 mg/L (standard is 0.2 mg/L).

Through an error by EPNG, the semi-volatiles were not performed and are shown as not tested ("NT") within the documents. We are in the process of securing another sample of the water to for semi-volatiles (one from each source), but that may be indifferent because we have enough information to profile the water for down-hole injection (the BTEX shows well below the standard levels).

On the second document 2007111577, reflects the water that was used to chase a pig after the project was completed and then store at the Dawn Trucking yard in a tank that they said was clean and empty. Similar to the other larger volume of water, iron and manganese are above the standards but not mercury. In this water, the benzene is above the drinking standard however (not hazardous waste). We believe this came from the tank rather than the pipeline.

I will attempt to call you tomorrow to see what your thoughts are.

Thank you,

Richard 505 831-7763

Jones, Brad A., EMNRD

From: Duarte, Ricardo (Richard) [Ricardo.Duarte@ElPaso.com]
Sent: Wednesday, December 05, 2007 10:17 AM
To: Jones, Brad A., EMNRD
Cc: Price, Wayne, EMNRD
Subject: RE: Line 3222 EPNG's San Juan Hydrotest

Brad:

It was good to visit with you on this matter this morning. With your approval, we would be discharging this water down-hole at a Class I Water Well injection site owned by Key Energy. Their well is located on Couch Mesa in San Juan County, NM. Their offices are at KEY ENERGY SERVICES, INC.
5651 US HWY 64 PO Box 900
FARMINGTON, NM 87499

Thank you,

Richard

From: Duarte, Ricardo (Richard)
Sent: Monday, December 03, 2007 11:57 AM
To: 'Jones, Brad A., EMNRD'
Subject: Line 3222 EPNG's San Juan Hydrotest

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I will attempt to call you tomorrow to see what your thoughts are.

Thank you,

Richard 505 831-7763

Jones, Brad A., EMNRD

From: Duarte, Ricardo (Richard) [Ricardo.Duarte@ElPaso.com]
Sent: Wednesday, December 05, 2007 9:12 AM
To: Price, Wayne, EMNRD
Cc: Jones, Brad A., EMNRD
Subject: FW: Line 3222 EPNG's San Juan Hydrotest
Attachments: 2007111577.pdf; 2007101485.pdf

Wayne:

I forgot to place you on my initial transmittal. Brad had previously requested this. Thank you for your prompt review of this data and request.

Richard 831-7763

From: Duarte, Ricardo (Richard)
Sent: Monday, December 03, 2007 11:57 AM
To: 'Jones, Brad A., EMNRD'
Subject: Line 3222 EPNG's San Juan Hydrotest

Brad:

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The first document 2007101485 (the hydro test water from the job) shows a comparison of the water testing before and after. With exception of mercury, iron and manganese, the water meets the metals and voc standards. The post test water shows mercury at 0.0028 mg/L (standard is 0.002 mg/L), iron at 7.4 mg/L (standard 1.0 mg/L) and manganese at 0.63 mg/L (standard is 0.2 mg/L).

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Thank you,

Richard 505 831-7763

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Jones, Brad A., EMNRD

From: Duarte, Ricardo (Richard) [Ricardo.Duarte@ElPaso.com]
Sent: Monday, December 03, 2007 11:57 AM
To: Jones, Brad A., EMNRD
Subject: Line 3222 EPNG's San Juan Hydrotest
Attachments: 2007111577.pdf; 2007101485.pdf

Brad:

Here are the analytical results for the hydrostatic test results. I hereby request your review and approval to discharge down hole.

The first document 2007101485 (the hydro test water from the job) shows a comparison of the water testing before and after. With exception of mercury, iron and manganese, the water meets the metals and voc standards. The post test water shows mercury at 0.0028 mg/L (standard is 0.002 mg/L), iron at 7.4 mg/L (standard 1.0 mg/L) and manganese at 0.63 mg/L (standard is 0.2 mg/L).

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I will attempt to call you tomorrow to see what your thoughts are.

Thank you,

Richard 505 831-7763

elpaso

LABORATORY SERVICE REPORT

REQUESTOR:	Pyeatt, Russell S [Russ]	**REPORT DATE:**	
	Bloomfield,, NM	**REQUEST NO:**	2007111577
	(505) 632-6001	**APPROVED BY:**	
		PENDING REQ. ID:	2007111577
DEPARTMENT:	Albuquerque Division		
DISTRIBUTION:	Duarte, Richard; Honts, Bruce E.; Sanders, Davis D (Don); Thompson, Robert B (Robbie); Uribe, Osias; Valdez, Steven J.		
PERFORMED BY:	Transwest Geochem		

Request Description: Hydrostatic Test Water - Ln. 3222 - Frac Tank Located at Dawn Trucking Co.
Date Received: 11/8/2007
Date Completed:

Sample No: 1 Sampled By: Lorenzo Hernandez Sample Date: 11/8/2007 2:50:00 PM
Received Vol.: Received Date: 11/8/2007
Description: One Frac Tank
Analysis: WP New Mexico Hydrotest
Purpose: Disposal/Environmental Concerns
Matrix: Water
Location: EPNG - Albuquerque - San Juan - 03222 - 6+3466 - Valve 2 - Frac Tank - Hydrostatic Test Water

Data: See attached sheet(s).

Comments:

Sample:	**1**
Total Metals	
Arsenic (mg/l)	0.0038
Barium (mg/l)	0.0462
Boron (mg/l)	< 0.10
Cadmium (mg/l)	< 0.0020
Calcium (mg/l)	32
Chromium (mg/l)	< 0.0050
Copper (mg/l)	< 0.010
Iron (mg/l)	5
Lead (mg/l)	< 0.0020
Magnesium (mg/l)	6.9
Manganese (mg/l)	0.75
Mercury (mg/l)	0.0006
Potassium (mg/l)	16
Selenium (mg/l)	< 0.0020
Silica (mg/l)	0.66
Silver (mg/l)	< 0.0010
Sodium (mg/l)	23
Zinc (mg/l)	< 0.050

Request: 2007111577

Sample:	**1**
Anions	
Bromide (mg/l)	< 0.50
Chloride (mg/l)	25
Fluoride (mg/l)	< 0.50
Nitrate/Nitrite (as N) (mg/l)	0.61
Sulfate (mg/l)	85
General Analyses	
pH	7.5
Specific Conductivity (µS/cm)	410
Alkalinity, Carbonate (As CaCO3) (mg/l)	< 20
Alkalinity, Bicarbonate (As CaCO3) (mg/l)	40
Alkalinity, Total (As CaCO3) (mg/l)	40
Hardness, Ca/Mg (As CaCO3) (mg/l)	110
Total Dissolved Solids (mg/l)	240
Volatile Organic Compounds	
Acetone (mg/l)	NT
Benzene (mg/l)	0.017
Bromobenzene (mg/l)	< 0.0005
Bromochloromethane (mg/l)	< 0.0005
Bromodichloromethane (mg/l)	0.0006
Bromoform (mg/l)	< 0.0005
Bromomethane (mg/l)	< 0.0005
2-Butanone (mg/l)	NT
n-Butylbenzene (mg/l)	< 0.0005
sec-Butylbenzene (mg/l)	< 0.0005
tert-Butylbenzene (mg/l)	< 0.0005
Carbon disulfide (mg/l)	NT
Carbon tetrachloride (mg/l)	< 0.0005
Chlorobenzene (mg/l)	< 0.0005
Chloroethane (mg/l)	< 0.0005
Chloroform (mg/l)	0.0006
Chloromethane (mg/l)	< 0.0005
2-Chlorotoluene (mg/l)	< 0.0005
4-Chlorotoluene (mg/l)	< 0.0005
Dibromochloromethane (mg/l)	0.0008
1,2-Dibromo-3-chloropropane (mg/l)	< 0.0002
1,2-Dibromoethane (mg/l)	< 0.0002
Dibromomethane (mg/l)	< 0.0005
1,2-Dichlorobenzene (mg/l)	< 0.0005
1,3-Dichlorobenzene (mg/l)	< 0.0005
1,4-Dichlorobenzene (mg/l)	< 0.0005
Dichlorodifluoromethane (mg/l)	< 0.0005
1,1-Dichloroethane (mg/l)	< 0.0005
1,2-Dichloroethane (mg/l)	< 0.0005
1,1-Dichloroethene (mg/l)	< 0.0005
cis-1,2-Dichloroethene (mg/l)	< 0.0005
trans-1,2-Dichloroethene (mg/l)	< 0.0005
1,2-Dichloropropane (mg/l)	< 0.0005
1,3-Dichloropropane (mg/l)	< 0.0005

Request: 2007111577

Sample:	1
2,2-Dichloropropane (mg/l)	< 0.0005
1,1-Dichloropropene (mg/l)	< 0.0005
cis-1,3-Dichloropropene (mg/l)	< 0.0005
trans-1,3-Dichloropropene (mg/l)	< 0.0005
Ethylbenzene (mg/l)	< 0.0005
Hexachlorobutadiene (mg/l)	< 0.0005
2-Hexanone (mg/l)	NT
Iodomethane (mg/l)	NT
Isopropylbenzene (mg/l)	< 0.0005
4-Isopropyltoluene (mg/l)	< 0.0005
Methylene chloride (mg/l)	< 0.0005
4-Methyl-2-pentanone (mg/l)	NT
Methyl tert-butyl ether (mg/l)	< 0.0005
Naphthalene (mg/l)	0.0048
n-Propylbenzene (mg/l)	< 0.0005
Styrene (mg/l)	< 0.0005
1,1,1,2-Tetrachloroethane (mg/l)	< 0.0005
1,1,2,2-Tetrachloroethane (mg/l)	< 0.0005
Tetrachloroethene (mg/l)	< 0.0005
Toluene (mg/l)	0.016
1,2,3-Trichlorobenzene (mg/l)	< 0.0005
1,2,4-Trichlorobenzene (mg/l)	< 0.0005
1,1,1-Trichloroethane (mg/l)	< 0.0005
1,1,2-Trichloroethane (mg/l)	< 0.0005
Trichloroethene (mg/l)	< 0.0005
Trichlorofluoromethane (mg/l)	< 0.0005
1,2,3-Trichloropropane (mg/l)	< 0.0005
1,2,4-Trimethylbenzene (mg/l)	< 0.0005
1,3,5-Trimethylbenzene (mg/l)	< 0.0005
Vinyl Acetate (mg/l)	NT
Vinyl chloride (mg/l)	< 0.0005
Xylenes, Total (mg/l)	0.0045
Semi Volatiles Organic Compounds	
Acenaphthene (mg/l)	NT
Acenaphthylene (mg/l)	NT
Anthracene (mg/l)	NT
Azobenzene (mg/l)	NT
Benz(a)anthracene (mg/l)	NT
Benzidine (mg/l)	NT
Benzo(b)fluoranthene (mg/l)	NT
Benzo(k)fluoranthene (mg/l)	NT
Benzo(g,h,i)perylene (mg/l)	NT
Benzo(a)pyrene (mg/l)	< 0.00002
Bis(2-chloroethoxy)methane (mg/l)	NT
Bis(2-chloroethyl)ether (mg/l)	NT
Bis(2-chloroisopropyl)ether (mg/l)	NT
Bis(2-ethylhexyl)phthalate (mg/l)	0.0095
4-Bromophenyl phenyl ether (mg/l)	NT
Butyl benzyl phthalate (mg/l)	NT
4-Chloro-3-methylphenol (mg/l)	NT
2-Chloronaphthalene (mg/l)	NT

Request: 2007111577

Sample:	1
2-Chlorophenol (mg/l)	NT
4-Chlorophenyl phenyl ether (mg/l)	NT
Chrysene (mg/l)	NT
Dibenz(a,h)anthracene (mg/l)	NT
Di-n-butyl phthalate (mg/l)	NT
1,2-Dichlorobenzene (mg/l)	NT
1,3-Dichlorobenzene (mg/l)	NT
1,4-Dichlorobenzene (mg/l)	NT
2,4-Dichlorophenol (mg/l)	NT
3,3'-Dichlorobenzidine (mg/l)	NT
Diethyl phthalate (mg/l)	NT
2,4-Dimethylphenol (mg/l)	NT
Dimethyl phthalate (mg/l)	NT
4,6-Dinitro-2-methylphenol (mg/l)	NT
2,4-Dinitrotoluene (mg/l)	NT
2,6-Dinitrotoluene (mg/l)	NT
2,4-Dinitrophenol (mg/l)	NT
Di-n-octyl phthalate (mg/l)	NT
Fluoranthene (mg/l)	NT
Fluorene (mg/l)	NT
Hexachlorobenzene (mg/l)	< 0.0001
Hexachlorobutadiene (mg/l)	NT
Hexachlorocyclopentadiene (mg/l)	< 0.0001
Hexachloroethane (mg/l)	NT
Indeno(1,2,3-cd)pyrene (mg/l)	NT
Isophorone (mg/l)	NT
Naphthalene (mg/l)	NT
Nitrobenzene (mg/l)	NT
2-Nitrophenol (mg/l)	NT
4-Nitrophenol (mg/l)	NT
N-Nitrosodimethylamine (mg/l)	NT
N-Nitrosodi-n-propylamine (mg/l)	NT
N-Nitrosodiphenylamine (mg/l)	NT
Pentachlorophenol (mg/l)	NT
Phenol (mg/l)	NT
Phenanthrene (mg/l)	NT
Pyrene (mg/l)	NT
1,2,4-Trichlorobenzene (mg/l)	NT
2,4,6-Trichlorophenol (mg/l)	NT
Radiochemical Activity	
Radium 226 (pCi/L)	<0.6
Radium 228 (pCi/L)	<0.4

elpaso

LABORATORY SERVICE REPORT

REQUESTOR:	Pyeatt, Russell S [Russ]	**REPORT DATE:**	
	Bloomfield,, NM	**REQUEST NO:**	2007101485
	(505) 632-6001	**APPROVED BY:**	
		PENDING REQ. ID:	2007101485
DEPARTMENT:	Albuquerque Division		
DISTRIBUTION:	Duarte, Richard; Honts, Bruce E.; Sanders, Davis D (Don); Thompson, Robert B (Robbie); Uribe, Osias; Valdez, Steven J.		
PERFORMED BY:	Transwest Geochem		

Request Description: Line 3222 Hydrostatic Testing
Date Received: 11/6/2007
Date Completed:

Sample No: 1 Sampled By: Lorenzo Hernandez Sample Date: 10/27/2007 8:45:00 AM
Received Vol.: Received Date: 11/6/2007
Description: Composite Sample From Frac Tanks #1-11 and VOA's From Frac Tanks #1-11
Analysis: WP New Mexico Hydrotest
Purpose: Disposal/Environmental Concerns
Matrix: Water
Location: EPNG - Albuquerque - San Juan - 03222 - 6+3466 - Valve 2 - Frac Tank - Source Water

Sample No: 2 Sampled By: Lorenzo Hernandez Sample Date: 11/5/2007 1:10:00 PM
Received Vol.: Received Date: 11/8/2007
Description: Composite Sample From Frac Tanks #1-13 and VOA's From Frac Tanks #1-13
Analysis: WP New Mexico Hydrotest
Purpose: Disposal/Environmental Concerns
Matrix: Water
Location: EPNG - Albuquerque - San Juan - 03222 - 6+3466 - Valve 2 - Frac Tank - Hydrostatic Test Water

Data: See attached sheet(s).

Comments:

Sample:	**1**	**2**
Total Metals		
Arsenic (mg/l)	< 0.0030	0.0065
Barium (mg/l)	0.102	0.0307
Boron (mg/l)	< 0.10	< 0.10
Cadmium (mg/l)	< 0.0020	< 0.0020
Calcium (mg/l)	57	38
Chromium (mg/l)	< 0.0050	< 0.0050
Copper (mg/l)	< 0.010	< 0.010
Iron (mg/l)	0.11	7.4
Lead (mg/l)	< 0.0020	< 0.0020
Magnesium (mg/l)	8.8	8.2
Manganese (mg/l)	< 0.010	0.63

Request: 2007101485

Sample:	**1**	**2**
Mercury (mg/l)	< 0.0002	0.0028
Potassium (mg/l)	3.5	3.4
Selenium (mg/l)	< 0.0020	< 0.0020
Silica (mg/l)	4.4	0.92
Silver (mg/l)	< 0.0010	< 0.0010
Sodium (mg/l)	18	19
Zinc (mg/l)	< 0.050	< 0.050
Anions		
Bromide (mg/l)	< 0.50	< 0.50
Chloride (mg/l)	16	15
Fluoride (mg/l)	0.52	< 0.50
Nitrate/Nitrite (as N) (mg/l)	< 0.50	< 0.50
Sulfate (mg/l)	88	77
General Analyses		
pH	8.1	7.6
Specific Conductivity (µS/cm)	460	370
Alkalinity, Carbonate (As CaCO3) (mg/l)	< 20	< 20
Alkalinity, Bicarbonate (As CaCO3) (mg/l)	110	60
Alkalinity, Total (As CaCO3) (mg/l)	110	60
Hardness, Ca/Mg (As CaCO3) (mg/l)	180	130
Total Dissolved Solids (mg/l)	270	230
Volatile Organic Compounds		
Acetone (mg/l)	NT	NT
Benzene (mg/l)	< 0.0005	0.0032
Bromobenzene (mg/l)	< 0.0005	< 0.0005
Bromochloromethane (mg/l)	< 0.0005	< 0.0005
Bromodichloromethane (mg/l)	0.012	0.0008
Bromoform (mg/l)	0.0014	< 0.0005
Bromomethane (mg/l)	< 0.0005	< 0.0005
2-Butanone (mg/l)	NT	NT
n-Butylbenzene (mg/l)	< 0.0005	< 0.0005
sec-Butylbenzene (mg/l)	< 0.0005	< 0.0005
tert-Butylbenzene (mg/l)	< 0.0005	< 0.0005
Carbon disulfide (mg/l)	NT	NT
Carbon tetrachloride (mg/l)	< 0.0005	< 0.0005
Chlorobenzene (mg/l)	< 0.0005	< 0.0005
Chloroethane (mg/l)	< 0.0005	< 0.0005
Chloroform (mg/l)	0.032	0.0082
Chloromethane (mg/l)	< 0.0005	< 0.0005
2-Chlorotoluene (mg/l)	< 0.0005	< 0.0005
4-Chlorotoluene (mg/l)	< 0.0005	< 0.0005
Dibromochloromethane (mg/l)	0.0044	< 0.0005
1,2-Dibromo-3-chloropropane (mg/l)	< 0.0005	< 0.0002
1,2-Dibromoethane (mg/l)	< 0.0005	< 0.0002
Dibromomethane (mg/l)	< 0.0005	< 0.0005
1,2-Dichlorobenzene (mg/l)	< 0.0005	< 0.0005
1,3-Dichlorobenzene (mg/l)	< 0.0005	< 0.0005
1,4-Dichlorobenzene (mg/l)	< 0.0005	< 0.0005
Dichlorodifluoromethane (mg/l)	< 0.0005	< 0.0005

Request: 2007101485

Sample:	1	2
1,1-Dichloroethane (mg/l)	< 0.0005	< 0.0005
1,2-Dichloroethane (mg/l)	< 0.0005	< 0.0005
1,1-Dichloroethene (mg/l)	< 0.0005	< 0.0005
cis-1,2-Dichloroethene (mg/l)	< 0.0005	< 0.0005
trans-1,2-Dichloroethene (mg/l)	< 0.0005	< 0.0005
1,2-Dichloropropane (mg/l)	< 0.0005	< 0.0005
1,3-Dichloropropane (mg/l)	< 0.0005	< 0.0005
2,2-Dichloropropane (mg/l)	< 0.0005	< 0.0005
1,1-Dichloropropene (mg/l)	< 0.0005	< 0.0005
cis-1,3-Dichloropropene (mg/l)	< 0.0005	< 0.0005
trans-1,3-Dichloropropene (mg/l)	< 0.0005	< 0.0005
Ethylbenzene (mg/l)	< 0.0005	< 0.0005
Hexachlorobutadiene (mg/l)	NT	NT
2-Hexanone (mg/l)	NT	NT
Iodomethane (mg/l)	< 0.0005	< 0.0005
Isopropylbenzene (mg/l)	< 0.0005	0.0007
4-Isopropyltoluene (mg/l)	0.00063	< 0.0005
Methylene chloride (mg/l)	NT	NT
4-Methyl-2-pentanone (mg/l)	< 0.0005	< 0.0005
Methyl tert-butyl ether (mg/l)	< 0.0005	0.0036
Naphthalene (mg/l)	< 0.0005	< 0.0005
n-Propylbenzene (mg/l)	< 0.0005	< 0.0005
Styrene (mg/l)	< 0.0005	< 0.0005
1,1,1,2-Tetrachloroethane (mg/l)	< 0.0005	< 0.0005
1,1,2,2-Tetrachloroethane (mg/l)	< 0.0005	< 0.0005
Tetrachloroethene (mg/l)	< 0.0005	0.0033
Toluene (mg/l)	< 0.0005	< 0.0005
1,2,3-Trichlorobenzene (mg/l)	< 0.0005	< 0.0005
1,2,4-Trichlorobenzene (mg/l)	< 0.0005	< 0.0005
1,1,1-Trichloroethane (mg/l)	< 0.0005	< 0.0005
1,1,2-Trichloroethane (mg/l)	< 0.0005	< 0.0005
Trichloroethene (mg/l)	< 0.0005	< 0.0005
Trichlorofluoromethane (mg/l)	< 0.0005	< 0.0005
1,2,3-Trichloropropane (mg/l)	< 0.0005	< 0.0005
1,2,4-Trimethylbenzene (mg/l)	< 0.0005	< 0.0005
1,3,5-Trimethylbenzene (mg/l)	NT	NT
Vinyl Acetate (mg/l)	< 0.0005	< 0.0005
Vinyl chloride (mg/l)	< 0.0005	0.0012
Xylenes, Total (mg/l)		
Semi Volatiles Organic Compounds	NT	NT
Acenaphthene (mg/l)	NT	NT
Acenaphthylene (mg/l)	NT	NT
Anthracene (mg/l)	NT	NT
Azobenzene (mg/l)	NT	NT
Benz(a)anthracene (mg/l)	NT	NT
Benzidine (mg/l)	NT	NT
Benzo(b)fluoranthene (mg/l)	NT	NT
Benzo(k)fluoranthene (mg/l)	NT	NT
Benzo(g,h,i)perylene (mg/l)	< 0.000020	< 0.00002
Benzo(a)pyrene (mg/l)	NT	NT
Bis(2-chloroethoxy)methane (mg/l)		

Request: 2007101485

Sample:	1	2
Bis(2-chloroethyl)ether (mg/l)	NT	NT
Bis(2-chloroisopropyl)ether (mg/l)	NT	NT
Bis(2-ethylhexyl)phthalate (mg/l)	< 0.00059	0.0012
4-Bromophenyl phenyl ether (mg/l)	NT	NT
Butyl benzyl phthalate (mg/l)	NT	NT
4-Chloro-3-methylphenol (mg/l)	NT	NT
2-Chloronaphthalene (mg/l)	NT	NT
2-Chlorophenol (mg/l)	NT	NT
4-Chlorophenyl phenyl ether (mg/l)	NT	NT
Chrysene (mg/l)	NT	NT
Dibenz(a,h)anthracene (mg/l)	NT	NT
Di-n-butyl phthalate (mg/l)	NT	NT
1,2-Dichlorobenzene (mg/l)	NT	NT
1,3-Dichlorobenzene (mg/l)	NT	NT
1,4-Dichlorobenzene (mg/l)	NT	NT
2,4-Dichlorophenol (mg/l)	NT	NT
3,3'-Dichlorobenzidine (mg/l)	NT	NT
Diethyl phthalate (mg/l)	NT	NT
2,4-Dimethylphenol (mg/l)	NT	NT
Dimethyl phthalate (mg/l)	NT	NT
4,6-Dinitro-2-methylphenol (mg/l)	NT	NT
2,4-Dinitrotoluene (mg/l)	NT	NT
2,6-Dinitrotoluene (mg/l)	NT	NT
2,4-Dinitrophenol (mg/l)	NT	NT
Di-n-octyl phthalate (mg/l)	NT	NT
Fluoranthene (mg/l)	NT	NT
Fluorene (mg/l)	NT	NT
Hexachlorobenzene (mg/l)	< 0.000099	< 0.0001
Hexachlorobutadiene (mg/l)	NT	NT
Hexachlorocyclopentadiene (mg/l)	< 0.000099	< 0.0001
Hexachloroethane (mg/l)	NT	NT
Indeno(1,2,3-cd)pyrene (mg/l)	NT	NT
Isophorone (mg/l)	NT	NT
Naphthalene (mg/l)	NT	NT
Nitrobenzene (mg/l)	NT	NT
2-Nitrophenol (mg/l)	NT	NT
4-Nitrophenol (mg/l)	NT	NT
N-Nitrosodimethylamine (mg/l)	NT	NT
N-Nitrosodi-n-propylamine (mg/l)	NT	NT
N-Nitrosodiphenylamine (mg/l)	NT	NT
Pentachlorophenol (mg/l)	NT	NT
Phenol (mg/l)	NT	NT
Phenanthrene (mg/l)	NT	NT
Pyrene (mg/l)	NT	NT
1,2,4-Trichlorobenzene (mg/l)	NT	NT
2,4,6-Trichlorophenol (mg/l)	NT	NT
Radiochemical Activity		
Radium 226 (pCi/L)	<0.3	<0.5
Radium 228 (pCi/L)	<0.3	<0.4

Jones, Brad A., EMNRD

From: Duarte, Ricardo (Richard) [Ricardo.Duarte@ElPaso.com]
Sent: Friday, November 16, 2007 8:52 AM
To: Jones, Brad A., EMNRD
Cc: Price, Wayne, EMNRD
Subject: RE: Hydro Static Water Test Results - From Discharge Permit HI-107 San Juan County, NM

Brad,

Ok, thanks. Yes the results should be in an electronic format.

We had one water purge pig was stuck in the pipeline (after the test and before the line was placed into service). So, we had to send in another pig (with water in front) in after it. We did not have the tanker capacity with secondary containment at the Valve #2 site for this additional water. This water (approximately 10,000 gallons) was taken to a temporary storage at the rental company's tank yard. While the owner assured us it was a clean tank to begin with, we went ahead and took a separate water sample composite from this tank.

So, there will be two samples to review for approval. One composite from the 250,000 of the regular test. One from this additional 10,000 gallons that chased a pig inside the line.

Call or email me if you have any questions.

Richard 505 831-7763

From: Jones, Brad A., EMNRD [mailto:brad.a.jones@state.nm.us]
Sent: Thursday, November 15, 2007 1:13 PM
To: Duarte, Ricardo (Richard)
Cc: Price, Wayne, EMNRD
Subject: RE: Hydro Static Water Test Results - From Discharge Permit HI-107 San Juan County, NM

Richard,

I am currently tied up in a rulemaking hearing and haven't had a chance to keep up with my email. Please forward the hardcopy of the results to me and if emailed, please cc Wayne Price and the appropriate district office. I will be involved in the hearing the rest of today and tomorrow, but will be available next Tuesday and Wednesday.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487

Fax: (505) 476-3462

From: Duarte, Ricardo (Richard) [mailto:Ricardo.Duarte@ElPaso.com]
Sent: Thursday, November 15, 2007 10:19 AM
To: Jones, Brad A., EMNRD
Subject: Hydro Static Water Test Results - From Discharge Permit HI-107 San Juan County, NM

Brad:

In the next day or so, we will be receiving the analytical results from this test water. I assume that those results should be sent to your attention. Let me know if this is correct and if not who should they go to for review. Lastly, what is the turn around time for review from NMOCD?

Thank you,

Richard 831-7763

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Thursday, November 15, 2007 1:13 PM
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Cc: Price, Wayne, EMNRD
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