HIP - __117__

GENERAL CORRESPONDENCE

YEAR(S): May 2010 to Present

Jones, Brad A., EMNRD

From: JK Associates Inc [jkengineers@wildblue.net]
Sent: Monday, January 03, 2011 12:14 PM
To: Jones, Brad A., EMNRD
Cc: Ronnie
Subject: Fwd: HIP - 117 EMW Gas Hydrostatic Test Permit Approval
Attachments: HIP-117 permit.pdf; EMW Hydrotest Water Analysis.pdf

Brad,

Attached is the analysis for the EMW Phase III Hydrostatic water analysis. The dewatering went as planned.

Thanks for you help with this project.

Jon W. Jones
JK Associates, Inc.

---------- Forwarded message ----------
From: **Hansen, Edward J., EMNRD** <edwardj.hansen@state.nm.us>
Date: Tue, Dec 28, 2010 at 3:33 PM
Subject: HIP - 117 EMW Gas Hydrostatic Test Permit Approval
To: "jkengineers@wildblue.net" <jkengineers@wildblue.net>
Cc: "Jones, Brad A., EMNRD" <brad.a.jones@state.nm.us>, "Lowe, Leonard, EMNRD" <Leonard.Lowe@state.nm.us>, "VonGonten, Glenn, EMNRD" <Glenn.VonGonten@state.nm.us>, andy <andy@hallenvironmental.com>, "ronnie@emwgas.org" <ronnie@emwgas.org>

Jon,

I have reviewed the test results of the hydrostatic test water and they satisfy the conditions set forth in the approved permit and application. Please implement best management practices and erosion control measures when releasing the water. Also, please comply with the conditions of your permit (HIP-117) for on-site discharge. Please accept this electronic copy of the approval letter as your cc – the original hard copy has been mailed to Mr. Reynolds.

This approval does not relieve EMW of responsibility should its operation result in pollution of surface water, ground water, or the environment. In addition, NMOCD approval does not relieve EMW of responsibility for compliance with other federal, state or local regulations.

Edward J. Hansen

Hydrologist

Environmental Bureau

Oil Conservation Division

P.S.: Please disregard the requirement for the submittal of the $600 permit fee since it has already been submitted to the OCD for this permit.

P.P.S.: Please submit the final analytical report to Brad Jones by January 3, 2011.

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JK Associates, Inc

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Dec-10*

CLIENT:	JK Associates Inc.	**Client Sample ID:**	EMW Hyrdrotest
Lab Order:	1012710	**Collection Date:**	12/19/2010 11:30:00 AM
Project:	EMW Phase III	**Date Received:**	12/20/2010
Lab ID:	1012710-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8011/504.1: EDB						Analyst: **LRW**
1,2-Dibromoethane	0.037	0.010		µg/L	1	12/20/2010 9:12:13 PM
Surr: 1,2,3-Trichloropropane	116	53.8-165		%REC	1	12/20/2010 9:12:13 PM
EPA METHOD 8082: PCB'S						Analyst: **SCC**
Aroclor 1016	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Aroclor 1221	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Aroclor 1232	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Aroclor 1242	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Aroclor 1248	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Aroclor 1254	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Aroclor 1260	ND	1.0		µg/L	1	12/22/2010 2:59:31 PM
Surr: Decachlorobiphenyl	93.2	23.9-124		%REC	1	12/22/2010 2:59:31 PM
Surr: Tetrachloro-m-xylene	55.2	28.1-139		%REC	1	12/22/2010 2:59:31 PM
EPA METHOD 8310: PAHS						Analyst: **SCC**
Naphthalene	ND	2.1		µg/L	1	12/27/2010 1:03:12 PM
1-Methylnaphthalene	ND	2.1		µg/L	1	12/27/2010 1:03:12 PM
2-Methylnaphthalene	ND	2.1		µg/L	1	12/27/2010 1:03:12 PM
Acenaphthylene	ND	2.6		µg/L	1	12/27/2010 1:03:12 PM
Acenaphthene	ND	5.2		µg/L	1	12/27/2010 1:03:12 PM
Fluorene	ND	0.82		µg/L	1	12/27/2010 1:03:12 PM
Phenanthrene	ND	0.62		µg/L	1	12/27/2010 1:03:12 PM
Anthracene	ND	0.62		µg/L	1	12/27/2010 1:03:12 PM
Fluoranthene	ND	0.31		µg/L	1	12/27/2010 1:03:12 PM
Pyrene	ND	0.31		µg/L	1	12/27/2010 1:03:12 PM
Benz(a)anthracene	ND	0.072		µg/L	1	12/27/2010 1:03:12 PM
Chrysene	ND	0.21		µg/L	1	12/27/2010 1:03:12 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	12/27/2010 1:03:12 PM
Benzo(k)fluoranthene	ND	0.072		µg/L	1	12/27/2010 1:03:12 PM
Benzo(a)pyrene	ND	0.072		µg/L	1	12/27/2010 1:03:12 PM
Dibenz(a,h)anthracene	ND	0.072		µg/L	1	12/27/2010 1:03:12 PM
Benzo(g,h,i)perylene	ND	0.082		µg/L	1	12/27/2010 1:03:12 PM
Indeno(1,2,3-cd)pyrene	ND	0.082		µg/L	1	12/27/2010 1:03:12 PM
Surr: Benzo(e)pyrene	65.6	26.9-103		%REC	1	12/27/2010 1:03:12 PM
EPA METHOD 300.0: ANIONS						Analyst: **SRM**
Fluoride	ND	0.50		mg/L	5	12/20/2010 5:48:47 PM
Chloride	29	2.5		mg/L	5	12/20/2010 5:48:47 PM
Nitrogen, Nitrate (As N)	1.3	0.50		mg/L	5	12/20/2010 5:48:47 PM
Sulfate	28	2.5		mg/L	5	12/20/2010 5:48:47 PM

Qualifiers:

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J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Dec-10*

CLIENT:	JK Associates Inc.	**Client Sample ID:**	EMW Hyrdrotest
Lab Order:	1012710	**Collection Date:**	12/19/2010 11:30:00 AM
Project:	EMW Phase III	**Date Received:**	12/20/2010
Lab ID:	1012710-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 200.7: DISSOLVED METALS						Analyst: RAGS
Aluminum	ND	0.020		mg/L	1	12/27/2010 1:55:58 PM
Barium	0.046	0.0020		mg/L	1	12/27/2010 1:55:58 PM
Boron	0.28	0.040		mg/L	1	12/27/2010 1:55:58 PM
Cadmium	ND	0.0020		mg/L	1	12/27/2010 1:55:58 PM
Chromium	ND	0.0060		mg/L	1	12/27/2010 1:55:58 PM
Cobalt	ND	0.0060		mg/L	1	12/27/2010 1:55:58 PM
Copper	ND	0.0060		mg/L	1	12/27/2010 1:55:58 PM
Iron	3.3	0.10		mg/L	5	12/27/2010 2:00:58 PM
Lead	ND	0.0050		mg/L	1	12/27/2010 1:55:58 PM
Manganese	2.5	0.010		mg/L	5	12/27/2010 2:00:58 PM
Molybdenum	ND	0.0080		mg/L	1	12/27/2010 1:55:58 PM
Nickel	0.026	0.010		mg/L	1	12/27/2010 1:55:58 PM
Silver	ND	0.0050		mg/L	1	12/27/2010 1:55:58 PM
Zinc	0.046	0.010		mg/L	1	12/27/2010 1:55:58 PM
EPA 200.8: DISSOLVED METALS						Analyst: TES
Arsenic	ND	0.0010		mg/L	1	12/28/2010 12:47:51 PM
Selenium	0.0039	0.0010		mg/L	1	12/28/2010 12:47:51 PM
Uranium	ND	0.0010		mg/L	1	12/28/2010 12:47:51 PM
EPA METHOD 245.1: MERCURY						Analyst: ELS
Mercury	ND	0.00020		mg/L	1	12/28/2010 8:07:06 AM
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	1.0		µg/L	1	12/22/2010 4:25 55 PM
Toluene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Ethylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25.55 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Naphthalene	ND	2.0		µg/L	1	12/22/2010 4:25:55 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2010 4:25:55 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2010 4:25:55 PM
Acetone	ND	10		µg/L	1	12/22/2010 4:25:55 PM
Bromobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Bromodichloromethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Bromoform	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Bromomethane	ND	3.0		µg/L	1	12/22/2010 4:25:55 PM
2-Butanone	ND	10		µg/L	1	12/22/2010 4:25:55 PM

Qualifiers:

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Hall Environmental Analysis Laboratory, Inc.

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Project:	EMW Phase III	**Date Received:**	12/20/2010
Lab ID:	1012710-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Carbon disulfide	ND	10		µg/L	1	12/22/2010 4:25:55 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Chlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Chloroethane	ND	2.0		µg/L	1	12/22/2010 4:25:55 PM
Chloroform	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Chloromethane	ND	3.0		µg/L	1	12/22/2010 4:25:55 PM
2-Chlorotoluene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
4-Chlorotoluene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
cis-1,2-DCE	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/22/2010 4:25:55 PM
Dibromochloromethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Dibromomethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/22/2010 4:25:55 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
2-Hexanone	ND	10		µg/L	1	12/22/2010 4:25:55 PM
Isopropylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/22/2010 4:25:55 PM
Methylene Chloride	3.1	3.0		µg/L	1	12/22/2010 4:25:55 PM
n-Butylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
n-Propylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
sec-Butylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Styrene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
tert-Butylbenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/22/2010 4:25:55 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
trans-1,2-DCE	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM

Qualifiers:

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NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
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Date: *28-Dec-10*

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Lab Order:	1012710	**Collection Date:**	12/19/2010 11:30:00 AM
Project:	EMW Phase III	**Date Received:**	12/20/2010
Lab ID:	1012710-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/22/2010 4:25:55 PM
Vinyl chloride	ND	1.0		µg/L	1	12/22/2010 4:25:55 PM
Xylenes, Total	ND	1.5		µg/L	1	12/22/2010 4:25:55 PM
Surr: 1,2-Dichloroethane-d4	97.4	77.7-113		%REC	1	12/22/2010 4:25:55 PM
Surr: 4-Bromofluorobenzene	108	76.4-106	S	%REC	1	12/22/2010 4:25:55 PM
Surr: Dibromofluoromethane	95.7	91.6-125		%REC	1	12/22/2010 4:25:55 PM
Surr: Toluene-d8	103	92.3-107		%REC	1	12/22/2010 4:25:55 PM
EPA METHOD 9067: TOTAL PHENOLICS						Analyst: **SCC**
Phenolics, Total Recoverable	16	2.5		µg/L	1	12/27/2010
SM4500-H+B: PH						Analyst: **IC**
pH	8.10	0.100		pH units	1	12/24/2010 1:36:00 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**
Total Dissolved Solids	428	40.0		mg/L	1	12/22/2010 3:58:00 PM

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E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Dec-10*

CLIENT:	JK Associates Inc.	**Client Sample ID:**	Trip Blank
Lab Order:	1012710	**Collection Date:**	
Project:	EMW Phase III	**Date Received:**	12/20/2010
Lab ID:	1012710-02	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
Benzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Toluene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Ethylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Naphthalene	ND	2.0		µg/L	1	12/22/2010 4:52:02 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2010 4:52:02 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/22/2010 4:52:02 PM
Acetone	ND	10		µg/L	1	12/22/2010 4:52:02 PM
Bromobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Bromodichloromethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Bromoform	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Bromomethane	ND	3.0		µg/L	1	12/22/2010 4:52:02 PM
2-Butanone	ND	10		µg/L	1	12/22/2010 4:52:02 PM
Carbon disulfide	ND	10		µg/L	1	12/22/2010 4:52:02 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Chlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Chloroethane	ND	2.0		µg/L	1	12/22/2010 4:52:02 PM
Chloroform	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Chloromethane	ND	3.0		µg/L	1	12/22/2010 4:52:02 PM
2-Chlorotoluene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
4-Chlorotoluene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
cis-1,2-DCE	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/22/2010 4:52:02 PM
Dibromochloromethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Dibromomethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/22/2010 4:52:02 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM

Qualifiers:

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NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Date: *28-Dec-10*

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Lab Order:	1012710	**Collection Date:**	
Project:	EMW Phase III	**Date Received:**	12/20/2010
Lab ID:	1012710-02	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: RAA
2-Hexanone	ND	10		µg/L	1	12/22/2010 4:52:02 PM
Isopropylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/22/2010 4:52:02 PM
Methylene Chloride	ND	3.0		µg/L	1	12/22/2010 4:52:02 PM
n-Butylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
n-Propylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
sec-Butylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Styrene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
tert-Butylbenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/22/2010 4:52:02 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
trans-1,2-DCE	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/22/2010 4:52:02 PM
Vinyl chloride	ND	1.0		µg/L	1	12/22/2010 4:52:02 PM
Xylenes, Total	ND	1.5		µg/L	1	12/22/2010 4:52:02 PM
Surr: 1,2-Dichloroethane-d4	98.2	77.7-113		%REC	1	12/22/2010 4:52:02 PM
Surr: 4-Bromofluorobenzene	104	76.4-106		%REC	1	12/22/2010 4:52:02 PM
Surr: Dibromofluoromethane	98.9	91.6-125		%REC	1	12/22/2010 4:52:02 PM
Surr: Toluene-d8	107	92.3-107		%REC	1	12/22/2010 4:52:02 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client:	Hall Environmental	**Report Date:**	12/23/10
Project:	1012710	**Collection Date:**	12/19/10 11:30
Lab ID:	B10121965-001	**DateReceived:**	12/22/10
Client Sample ID	1012710-01F EMW Hydrotest	**Matrix:**	Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
INORGANICS							
Cyanide, Total	ND	mg/L		0.005		Kelada mod	12/22/10 14:53 / kjp

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC SUMMARY REPORT

Client: JK Associates Inc.
Project: EMW Phase III **Work Order:** 1012710

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 200.7: Dissolved Metals											
Sample ID: MB		*MBLK*				**Batch ID: R42865**		**Analysis Date: 12/27/2010 1:34:06 PM**			
Aluminum	ND	mg/L	0.020								
Barium	ND	mg/L	0.0020								
Boron	ND	mg/L	0.040								
Cadmium	ND	mg/L	0.0020								
Chromium	ND	mg/L	0.0060								
Cobalt	ND	mg/L	0.0060								
Copper	ND	mg/L	0.0060								
Iron	ND	mg/L	0.020								
Lead	ND	mg/L	0.0050								
Manganese	ND	mg/L	0.0020								
Molybdenum	ND	mg/L	0.0080								
Nickel	ND	mg/L	0.010								
Silver	ND	mg/L	0.0050								
Zinc	ND	mg/L	0.010								
Sample ID: LCS		*LCS*				**Batch ID: R42865**		**Analysis Date: 12/27/2010 1:40:41 PM**			
Aluminum	0.5375	mg/L	0.020	0.5	0.0014	107	85	115			
Barium	0.5115	mg/L	0.0020	0.5	0	102	85	115			
Boron	0.5476	mg/L	0.040	0.5	0	110	85	115			
Cadmium	0.5395	mg/L	0.0020	0.5	0	108	85	115			
Chromium	0.5148	mg/L	0.0060	0.5	0	103	85	115			
Cobalt	0.5307	mg/L	0.0060	0.5	0	106	85	115			
Copper	0.5388	mg/L	0.0060	0.5	0	108	85	115			
Iron	0.5120	mg/L	0.020	0.5	0.0123	100	85	115			
Lead	0.5360	mg/L	0.0050	0.5	0	107	85	115			
Manganese	0.5072	mg/L	0.0020	0.5	0	101	85	115			
Molybdenum	0.5306	mg/L	0.0080	0.5	0	106	85	115			
Nickel	0.5067	mg/L	0.010	0.5	0	101	85	115			
Silver	0.5237	mg/L	0.0050	0.5	0	105	85	115			
Zinc	0.5500	mg/L	0.010	0.5	0	110	85	115			
Method: EPA 200.8: Dissolved Metals											
Sample ID: MB		*MBLK*				**Batch ID: R42881**		**Analysis Date: 12/28/2010 12:53:31 PM**			
Arsenic	ND	mg/L	0.0010								
Selenium	ND	mg/L	0.0010								
Uranium	ND	mg/L	0.0010								
Sample ID: LCS		*LCS*				**Batch ID: R42881**		**Analysis Date: 12/28/2010 12:59:10 PM**			
Arsenic	0.02488	mg/L	0.0010	0.025	0	99.5	85	115			
Selenium	0.02704	mg/L	0.0010	0.025	0	108	85	115			
Uranium	0.02746	mg/L	0.0010	0.025	0	110	85	115			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: JK Associates Inc.
Project: EMW Phase III **Work Order:** 1012710

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 245.1: Mercury											
Sample ID: MB-24997		*MBLK*				Batch ID:	**24997**	Analysis Date:	12/28/2010 7:36:28 AM		
Mercury	ND	mg/L	0.00020								
Sample ID: LCS-24997		*LCS*				Batch ID:	**24997**	Analysis Date:	12/28/2010 7:38:12 AM		
Mercury	0.004775	mg/L	0.00020	0.005	3E-05	94.9	80	120			
Method: EPA Method 300.0: Anions											
Sample ID: MB		*MBLK*				Batch ID:	**R42781**	Analysis Date:	12/20/2010 10:50:57 AM		
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.50								
Nitrogen, Nitrate (As N)	ND	mg/L	0 10								
Sulfate	ND	mg/L	0.50								
Sample ID: LCS		*LCS*				Batch ID:	**R42781**	Analysis Date:	12/20/2010 11:08:21 AM		
Fluoride	0.5277	mg/L	0.10	0.5	0	106	90	110			
Chloride	5.159	mg/L	0.50	5	0	103	90	110			
Nitrogen, Nitrate (As N)	2.608	mg/L	0.10	2.5	0	104	90	110			
Sulfate	10.49	mg/L	0.50	10	0	105	90	110			
Method: EPA Method 9067: Total Phenolics											
Sample ID: MB-24993		*MBLK*				Batch ID:	**24995**	Analysis Date:	12/27/2010		
Phenolics, Total Recoverable	ND	µg/L	2.5								
Sample ID: LCS-24993		*LCS*				Batch ID:	**24995**	Analysis Date:	12/27/2010		
Phenolics, Total Recoverable	22.50	µg/L	2.5	20	0	112	74.2	128			
Method: EPA Method 8011/504.1: EDB											
Sample ID: MB-24939		*MBLK*				Batch ID:	**24939**	Analysis Date:	12/20/2010 7:58:39 PM		
1,2-Dibromoethane	ND	µg/L	0.010								
Sample ID: LCS-24939		*LCS*				Batch ID:	**24939**	Analysis Date:	12/20/2010 8:10:52 PM		
1,2-Dibromoethane	0.09300	µg/L	0.010	0.1	0	93.0	70	130			
Method: EPA Method 8082: PCB's											
Sample ID: MB-24948		*MBLK*				Batch ID:	**24948**	Analysis Date:	12/21/2010 7:26:03 PM		
Aroclor 1016	ND	µg/L	1.0								
Aroclor 1221	ND	µg/L	1.0								
Aroclor 1232	ND	µg/L	1.0								
Aroclor 1242	ND	µg/L	1.0								
Aroclor 1248	ND	µg/L	1.0								
Aroclor 1254	ND	µg/L	1.0								
Aroclor 1260	ND	µg/L	1.0								
Sample ID: LCS-24948		*LCS*				Batch ID:	**24948**	Analysis Date:	12/21/2010 8:13:38 PM		
Aroclor 1016	4.990	µg/L	1.0	5	0	99.8	33	126			
Aroclor 1260	5.248	µg/L	1.0	5	0	105	40.7	130			

Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- NC Non-Chlorinated
- R RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: JK Associates Inc.
Project: EMW Phase III **Work Order:** 1012710

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b3		*MBLK*									
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	3.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	3.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

Batch ID: **R42829** Analysis Date: 12/22/2010 10:18:35 AM

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: JK Associates Inc.
Project: EMW Phase III **Work Order:** 1012710

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: b3		*MBLK*				**Batch ID: R42829**		**Analysis Date: 12/22/2010 10:18:35 AM**			
4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								
Sample ID: 100ng lcs		*LCS*				**Batch ID: R42829**		**Analysis Date: 12/22/2010 11:11:18 AM**			
Benzene	18.72	µg/L	1.0	20	0	93.6	84.6	109			
Toluene	20.51	µg/L	1.0	20	0	103	81	114			
Chlorobenzene	20.06	µg/L	1.0	20	0	100	85.2	113			
1,1-Dichloroethene	18.23	µg/L	1.0	20	0	91.1	79.6	124			
Trichloroethene (TCE)	18.25	µg/L	1.0	20	0	91.3	78.3	102			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: JK Associates Inc.
Project: EMW Phase III **Work Order:** 1012710

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs											
Sample ID: MB-24956		*MBLK*				**Batch ID:**	**24956**	**Analysis Date:**	12/23/2010 4:33:49 PM		
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	2.0								
2-Methylnaphthalene	ND	µg/L	2.0								
Acenaphthylene	ND	µg/L	2.5								
Acenaphthene	ND	µg/L	5.0								
Fluorene	ND	µg/L	0.80								
Phenanthrene	ND	µg/L	0.60								
Anthracene	ND	µg/L	0.60								
Fluoranthene	ND	µg/L	0.30								
Pyrene	ND	µg/L	0.30								
Benz(a)anthracene	ND	µg/L	0.070								
Chrysene	ND	µg/L	0.20								
Benzo(b)fluoranthene	ND	µg/L	0.10								
Benzo(k)fluoranthene	ND	µg/L	0.070								
Benzo(a)pyrene	ND	µg/L	0.070								
Dibenz(a,h)anthracene	ND	µg/L	0.070								
Benzo(g,h,i)perylene	ND	µg/L	0.080								
Indeno(1,2,3-cd)pyrene	ND	µg/L	0.080								
Sample ID: MB-25003		*MBLK*				**Batch ID:**	**25003**	**Analysis Date:**	12/27/2010 11:36:43 AM		
Naphthalene	ND	µg/L	2 0								
1-Methylnaphthalene	ND	µg/L	2.0								
2-Methylnaphthalene	ND	µg/L	2.0								
Acenaphthylene	ND	µg/L	2.5								
Acenaphthene	ND	µg/L	5.0								
Fluorene	ND	µg/L	0.80								
Phenanthrene	ND	µg/L	0.60								
Anthracene	ND	µg/L	0.60								
Fluoranthene	ND	µg/L	0.30								
Pyrene	ND	µg/L	0.30								
Benz(a)anthracene	ND	µg/L	0.070								
Chrysene	ND	µg/L	0.20								
Benzo(b)fluoranthene	ND	µg/L	0.10								
Benzo(k)fluoranthene	ND	µg/L	0.070								
Benzo(a)pyrene	ND	µg/L	0.070								
Dibenz(a,h)anthracene	ND	µg/L	0.070								
Benzo(g,h,i)perylene	ND	µg/L	0.080								
Indeno(1,2,3-cd)pyrene	ND	µg/L	0.080								
Sample ID: LCS-24956		*LCS*				**Batch ID:**	**24956**	**Analysis Date:**	12/23/2010 4 55:06 PM		
Naphthalene	59.84	µg/L	2.0	80	0	74.8	53.2	86.7			
1-Methylnaphthalene	61.64	µg/L	2.0	80.2	0	76.9	49.8	96			
2-Methylnaphthalene	60.13	µg/L	2.0	80	0	75.2	51.4	89.8			
Acenaphthylene	63.47	µg/L	2.5	80.2	0	79.1	54.1	91.8			
Acenaphthene	67.13	µg/L	5.0	80	0	83.9	53.5	98.4			
Fluorene	4.810	µg/L	0 80	8.02	0	60.0	23.1	107			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: JK Associates Inc.
Project: EMW Phase III **Work Order:** 1012710

Analyte	Result	Units	PQL	SPK Val	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs											
Sample ID: LCS-24956		*LCS*				**Batch ID:**	**24956**	**Analysis Date:**	**12/23/2010 4:55:06 PM**		
Phenanthrene	2.980	µg/L	0.60	4.02	0	74.1	21.9	110			
Anthracene	3.080	µg/L	0.60	4.02	0	76.6	38	104			
Fluoranthene	6.600	µg/L	0.30	8.02	0	82.3	43	101			
Pyrene	6.050	µg/L	0.30	8.02	0	75.4	31.8	99.1			
Benz(a)anthracene	0.6100	µg/L	0.070	0.802	0	76.1	38.3	94.3			
Chrysene	2.990	µg/L	0.20	4.02	0	74.4	42.4	95.8			
Benzo(b)fluoranthene	0.8300	µg/L	0.10	1.002	0	82.8	29.8	124			
Benzo(k)fluoranthene	0.4300	µg/L	0.070	0.5	0	86.0	40.7	109			
Benzo(a)pyrene	0.3700	µg/L	0.070	0.502	0	73.7	47.7	96.9			
Dibenz(a,h)anthracene	0.7700	µg/L	0.070	1.002	0	76.8	50.3	104			
Benzo(g,h,i)perylene	0.8000	µg/L	0.080	1	0	80.0	49.4	97.5			
Indeno(1,2,3-cd)pyrene	1.570	µg/L	0.080	2.004	0	78.3	53.5	111			
Sample ID: LCS-25003		*LCS*				**Batch ID:**	**25003**	**Analysis Date:**	**12/27/2010 11:57:58 AM**		
Naphthalene	56.16	µg/L	2.0	80	0	70.2	53.2	86.7			
1-Methylnaphthalene	59.34	µg/L	2.0	80.2	0	74.0	49.8	96			
2-Methylnaphthalene	56.84	µg/L	2.0	80	0	71.1	51.4	89.8			
Acenaphthylene	59.86	µg/L	2.5	80.2	0	74.6	54.1	91.8			
Acenaphthene	61.42	µg/L	5.0	80	0	76.8	53.5	98.4			
Fluorene	4.810	µg/L	0.80	8.02	0	60.0	23.1	107			
Phenanthrene	2.740	µg/L	0.60	4.02	0	68.2	21.9	110			
Anthracene	2.900	µg/L	0.60	4.02	0	72.1	38	104			
Fluoranthene	5.900	µg/L	0.30	8.02	0	73.6	43	101			
Pyrene	5.670	µg/L	0.30	8.02	0	70.7	31.8	99.1			
Benz(a)anthracene	0.5900	µg/L	0.070	0.802	0	73.6	38.3	94.3			
Chrysene	2.850	µg/L	0.20	4.02	0	70.9	42.4	95.8			
Benzo(b)fluoranthene	0.7500	µg/L	0.10	1.002	0	74.9	29.8	124			
Benzo(k)fluoranthene	0.3500	µg/L	0.070	0.5	0	70.0	40.7	109			
Benzo(a)pyrene	0.3200	µg/L	0.070	0.502	0	63.7	47.7	96.9			
Dibenz(a,h)anthracene	0.7400	µg/L	0.070	1.002	0	73.9	50.3	104			
Benzo(g,h,i)perylene	0.7700	µg/L	0.080	1	0.05	72.0	49.4	97.5			
Indeno(1,2,3-cd)pyrene	1.500	µg/L	0.080	2.004	0	74.9	53.5	111			
Method: SM2540C MOD: Total Dissolved Solids											
Sample ID: MB-24952		*MBLK*				**Batch ID:**	**24952**	**Analysis Date:**	**12/22/2010 3:58:00 PM**		
Total Dissolved Solids	ND	mg/L	20.0								
Sample ID: LCS-24952		*LCS*				**Batch ID:**	**24952**	**Analysis Date:**	**12/22/2010 3:58:00 PM**		
Total Dissolved Solids	1015	mg/L	20.0	1000	0	102	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name JK ASSOCIATES INC | Date Received: 12/20/2010

Work Order Number 1012710 | Received by: MMG

Checklist completed by: Signature 12/20/10 Date | Sample ID labels checked by: AG Initials

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	9.4°	<6° C *Acceptable* If given sufficient time to cool.		

Number of preserved bottles checked for pH: 4 1

(<2 >12 *unless noted below*)

COMMENTS:

Client contacted ____ Date contacted: ____ Person contacted ____

Contacted by: ____ Regarding: ____

Comments: Poured off from -01B unpreserved into 250ml NaOH, and added to NaOH pallets. Poured off from -01E for -01D dissolved Metals. MG 12/20/10

Corrective Action ____

JK Associates, Inc. *Professional Engineering Services*

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

September 17, 2010

Brad Jones
State of New Mexico - Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

2010 SEP 20 P 2:59

RE: EMW Natural Gas Pipeline Project
Public Notifications

Dear Mr. Jones,

EMW Gas Association (EMW) is submitting documentation for the Public Notice as required in their application submitted August 16, 2010. That documentation is as follows:

EMW will provide notice of the permit application in the Albuquerque Journal, Mountain View Telegraph following requirements in NMAC 20.6.2.3108. The Ad is attached and was placed in the paper on September 9, 2010.

In addition, a sign, 2 feet by 3 feet, will be placed at the location of the discharge providing a synopsis of the public notice. Pictures attached. The sign was placed on August 28, 2010.

Also a copy, 8 ½ by 11, will be placed at the Mountainair, NM post office. Pictures attached. The Public Notification was placed on August 28, 2010.

The Public Notice was mailed by Certified Mail-Return Receipt to 12 land owners. Copies of the Return Receipt are attached. The letters were mailed on August 30, 2010.

Thank you for your assistance. If additional information is required please call or e-mail me.

18 Dressage Drive *Tijeras, New Mexico* *jkengineers@wildblue.net*

Sincerely yours,

Jon W. Jones, P.E.
JK Associates, Inc.
(505) 263-0819
jkengineers@wildblue.net

Attachments (8): Copies of the Return Receipt from Land Owners, Ad placed in the September 9, 2010 Albuquerque Journal – Mountain View Telegraph, Pictures of the Public Notice at the Mountainair, NM Post Office and Discharge Location.

cc: Ronnie Reynolds, General Manager, EMW Gas Association

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Karen Lessard
DISTRICT RANGER
Mountainair Ranger District
PO Box 69
Mountainair, NM 87036

2. Article Number (Transfer from service label): 7005 1820 0004 8160 2257

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery: 9-1-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Kenneth Shaw
Rt. 1 Box 12
Mountainair, NM
87036

2. Article Number (Transfer from service label): 7005 1820 0004 8160 2332

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X [signature] ☐ Agent ☐ Address

B. Received by (Printed Name) KENNETH SHAW | C. Date of Delive 9-1-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandis
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mary Rutherford
c/o Kathy Stanke
800 Manzano, NE
Albuquerque, NM 87110

2. Article Number (Transfer from service label): 7005 1820 0004 8160 2295

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X [signature] ☒ Agent ☐ Addressee

B. Received by (Printed Name) Cathy Stanke | C. Date of Delivery: 9/1/2010

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BLM - NM
435 MONTANO Rd, NE
ALBUQUERQUE, NM
87107-
4935

2. Article Number (Transfer from service label): 7005 1820 0004 8160 2226

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X [signature] ☐ Agent ☐ Address

B. Received by (Printed Name) Marianne Montoya | C. Date of Delive 8.31.10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandis
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

ENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JOHN GREENE
HC 75 Box 22
Mountainair, NM
87036

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Lynnette Greene ☐ Agent ☐ Addressee

B. Received by (Printed Name) Lynnette Greene | C. Date of Delivery 9-1-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7005 1820 0004 8160 2318

S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Sharon Fulfer
3909 Laguna Dr.
Round Rock, Texas
78681

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addres

B. Received by (Printed Name) | C. Date of Deli 9/8

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchan
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7005 1820 0004 8160 2325

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-

ENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Karen Fulfer
PO Box 713
Mountainair, NM
87036

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) KAREN FULFER | C. Date of Delivery 8-31-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7005 1820 0004 8160 2288

S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SAM BISHOP
123 Old Clubhouse Rd
Soquel, California
95073

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Address

B. Received by (Printed Name) | C. Date of Delive

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandi
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7005 1820 0004 8160 2301

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

ROYCE SMITH
PO BOX 3500
LOS LUNAS, NM
87031

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) KELLY J. SMITH C. Date of Delivery 8-31-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number (Transfer from servi 7005 1820 0004 8160 2271

S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NM STATE LAND OFFICE
PO BOX 1148
SANTA FE, NM
87504-1148

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Address

B. Received by (Printed Name) C. Date of Delive

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

SANTA FE NM 87501
AUG 31 2010
USPS

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandis
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from servic 7005 1820 0004 8160 2233

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NATIONAL PARK SERVICE
ALINAS PUEBLO MISSIONS Monument
RAN QUIVIRA UNIT
O BOX 517
lountainair, N.M 87036

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Victoria Loyerin ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery 8-31-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number (Transfer from service lat 7005 1820 0004 8160 2240

S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

WAYNE CONNELL
RT. 1 BOX 30
Mountainair, NM
87036

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Vanessa Connell ☐ Agent ☐ Address

B. Received by (Printed Name) Vanessa Connell C. Date of Delive 8-31-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandis
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from servic 7005 1820 0004 8160 2264

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

NOTICE OF PUBLICATION

EMW Gas Association (EMW), 416 5th Street, Estancia, New Mexico 87016, has submitted an application for an Individual Hydrostatic Test Discharge Permit to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (OCD) for the EMW Natural Gas Pipeline Project. Approximately 30 miles of 12-inch pipe will hydrostatically test or using water from the City of Estancia. EMW will initially discharge the test water within NW ¼ of the NW ¼ of Section 27 T1N R8E then pipe the test water to the El Paso Natural Gas Company's ROW where it will be discharged to gravity flow south along the SW ¼ of the NW ¼ of Section 27 T1N R8E. At the middle of the SW ¼ of the NW ¼ of Section 27 T1N R8E, the test water will flow west crossing under New Mexico Highway 55 through existing culverts. On the west side of the highway, the test water will be absorbed into the land. The legal for the final location will be the SE ¼ and SW ¼ of the NE ¼ of Section 28 T1N R8E and the NE ¼ and NW ¼ of the SE ¼ of Section 28 T1N R8E. The initial discharge location can be found by taking New Mexico Highway 55 for 23.7 miles south from Mountainair, N.M. This is mile post 28.6. Approximately 500,000 gallons of wastewater will be generated from the hydrostatic test. Because the pipe is new, the test water is expected to meet Water Quality Control Commission (WQCC) water quality standards and can be discharged upon the land at the discharge site. If WQCC water quality standards are not met, the test water will be hauled to an approved disposal facility. The depth of the groundwater potentially affected by the discharge is about 600 feet below the surface. The total dissolved solids concentration of the groundwater in the area is 540 parts per million. Any interested person may obtain information, submit comments, and request to be placed on a facility-specific mailing list for future notices by contacting Brad Jones at the New Mexico OCD at 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3487. The OCD will accept comments and statements of interest regarding the permit application and will create a facility-specific mailing list for persons who wish to receive future notices.

NOTICIA DE PUBLICACION

EMW Gas Association (EMW), en la calle 416 5th, en Estancia, Nuevo Mexico 87016, ha sometido una aplicación para una prueba de individual hydrostatic con el Departamento de Nuevo Mexico Energia, Minerales y Recursos Naturals, División de Conservación de Aceite (OCD) por la EMW de Gas Natural para el proyecto de la linea de Gas. Approximadamente 30 millas de pipa de gas de 12 pulgadas que va poner por una prueba usando agua de la Ciudad de Estancia. EMW inicialmente descarga prueba de la agua dentro de NW ¼ de la NW ¼ de la Sección 27 T1N R8E, luego la agua que fue puesta a prueba va a ser puesta en la pipa cruzando la compañia de El Paso Natural Gas donde va de agua a ser dejado cruzando la SW ¼ de la NW ¼ de la Sección 27 T1N R8E. En el medio de la SW ¼ de la NW ¼ de la Section 27 T1N R8E, la prueba de agua correra en el cruzando por la carretera # 55 de Nuevo Mexico por los pasadizos de agua existentes. En la parte oeste de la carretera, la prueba de agua será absorvida en la tierra. La Descripción Legal por la ubicación final será el SE ¼ SW ¼ de la SE ¼ de la Section 28 T1N R8E y/el the NE ¼ y NW1/4 de la SE ¼ de la Sección 28 T1N R8E. La descripción para ser encontrada tomando la carretera # 55 como 23.7 millas al sur de Mountainair, NM. Es la compañia esta marcada en el # 28.6 aproximadamente 500,000 galones de agua serán generada por la prueba hydrostatic. Porque la pipa es nueva, se espera que la agua sometida a prueba, sea, este de acuerdo con la Calidad de Control Commission (WQCC) de ese modo puede depositar en la tierra destinada. Si WQCC calidad de agua standards no son alcanzados, la agua para la prueba va a ser llevada para un lugar aprobado. La fondo de la agua que posiblemente será afectada por descarga será como 600 pies bajo la superficie. El total de solidos disueltos de concentración de la agua de la tierra en la area es 540 partes por millon. Cualquier persona puede obtener información, puede someter comentarios, y requerir ser puesto en la lista para futuras noticias. Esta se puede hacer contacto Brad Jones en la OCD en el 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, o llamar al Teléfono (505) 476-3487. The OCD aceptara comentarios y cartas de personas interesadas con relación a la aplicación de permiso y creara una lista especifica para personas que quieran recibir noticias en el futuro.

THE TOWN OF MOUNTAINAIR
IS ACCEPTING APPLICATIONS FOR
A CERTIFIED POLICE OFFICER
WITH THE
MOUNTAINAIR POLICE DEPARTMENT

STARTING SALARY - Certified – $11.50 PER HOUR

CERTIFIED OFFICER

QUALIFICATIONS FOR EMPLOYMENT

HIGH SCHOOL DIPLOMA OR GED, US CITIZEN OR NATION

ABILITY TO SPEAK SPANISH IS A PLUS, BUT NOT A REQU

NO CONVICTION'S FOR CRIMES OF MORAL TURPITUDE, F
DOMESTIC VIOLENCE, NM LAW ENFORCEMENT ACADE
PREFERRED. APPLICANTS ARE SUBJECT TO: PERSONA
CHECKS, PRE EMPLOYMENT DRUG TESTING.

BENEFITS INCLUDE SALARY, RETIREMENT, HEALTH INS
SIX MONTH PROBATION, UNIFORM EXPENSE ALLOCATI

APPLICATIONS CAN BE OBTAINED AT CITY HALL.

109 N. ROOSEVELT, PO BOX 115 MOUNTAINAIR, N.M. 87

(505) 847-2371. APPLICATIONS WITH RESUME WILL BE

POSITION IS FILLED AND WILL BE TAKEN IN THE CIT

4:30PM MONDAY THRU FRIDAY.

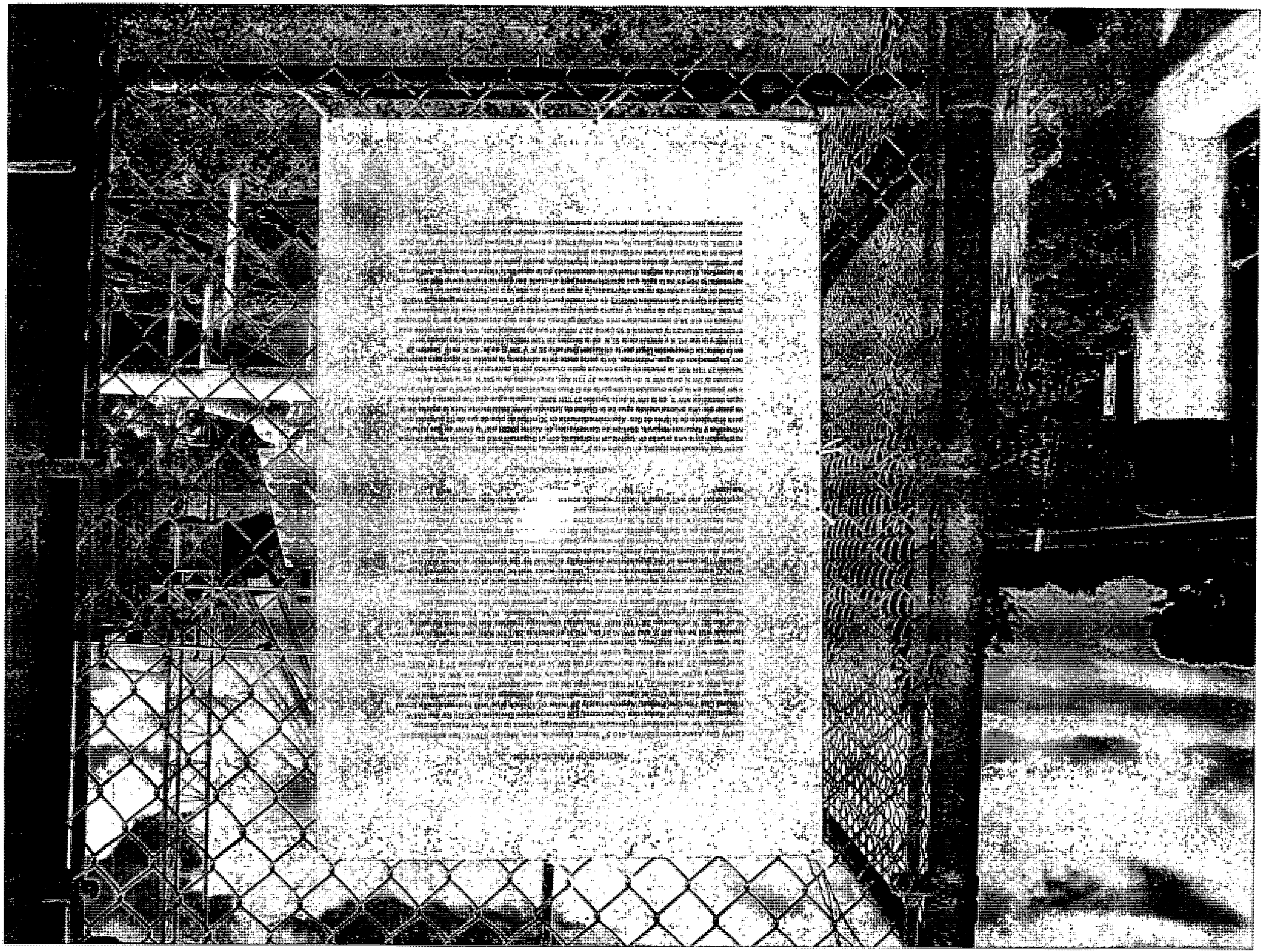
THE TOWN OF MOUNTAINAIR RESERVES THE RIGHT TO

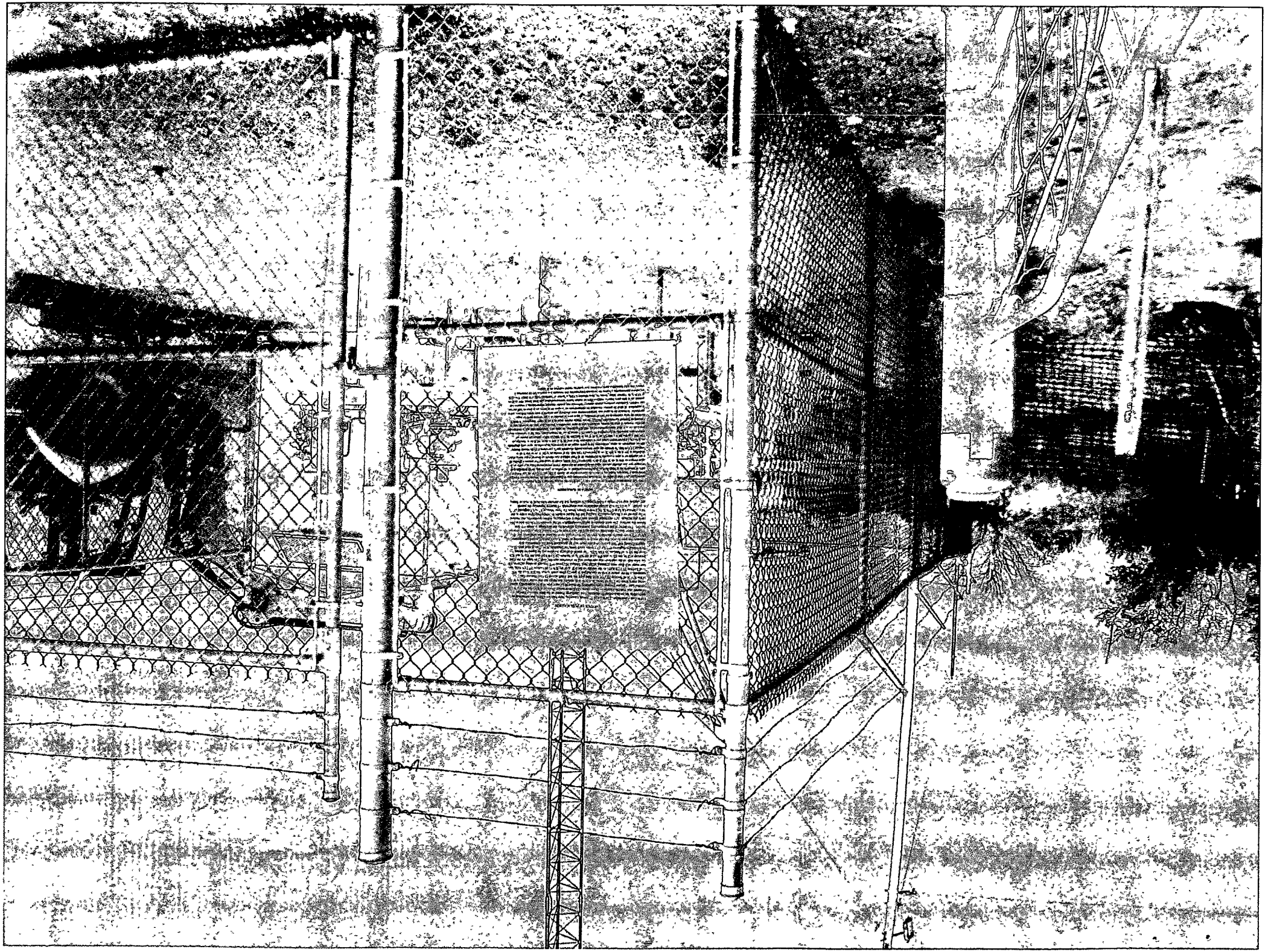
ALL APPLICATIONS WITHOUT NOTICE, NO INTERVIEW

THE TOWN OF MOUNTAINAIR IS AN EQUAL OPPORTUNI

POSTED

09-19-2010





STATE OF NEW MEXICO
County of Bernalillo SS

Dave Puddu, being duly sworn, declares and says that he is Vice President/General Manager of **The Mountain View Telegraph**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost, that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 2nd day of September, 2010, and the subsequent consecutive publications on _____

_____, 20____.

_____

Sworn and subscribed to before me, a Notary Public, in and for the County of Torrance and State of New Mexico this 2nd day of September 2010.

PRICE $124.54

Statement to come at end of month.

ACCOUNT NUMBER C82466L

Connie Sanchez-Wilson, Notary Public

My Commission Expires April 23, 2011

CLA-22-A (R-3/04)

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3108 NMAC) the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division ("OCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(HIP-117) EMW Gas Association (EMW), 416 5th Street, Estancia, New Mexico 87016, has submitted an application for an Individual Hydrostatic Test Discharge Permit to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (OCD) for hydrostatically testing approximately 30 miles of a new 12-inch natural gas transmission pipeline, located between the Gran Quivira National Monument and Estancia, New Mexico. EMW will obtain water for the hydrostatic test from the Town of Estancia. EMW will temporarily store the hydrostatic test wastewater in the pipeline for sampling. Approximately 490,000 gallons of wastewater will be generated from the hydrostatic test, and tested prior to discharge or disposal. The initial discharge will occur within the SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East and will be diverted onto SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPN, Torrance County, New Mexico. The discharge location is approximately 23.7 miles south of Mountainair, New Mexico at MP 38.6 on State Highway 55. Due to the new pipe and the source water to be used during the testing, the discharge water is expected to meet Water Quality Control Commission (WQCC) water quality standards. If WQCC water quality standards are not met the test wastewater will be hauled to an approved disposal location. The shallowest groundwater most likely to be affected by an accidental discharge is at a depth of approximately 600 feet below ground surface with a total dissolved solids concentration of approximately 540 mg/l. The plan consists of a description of the method and location for retention, and testing of water and solids, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The OCD has determined that the application is administratively complete and has prepared a draft permit. The OCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m. Monday through Friday, or may also be viewed at the OCD web site http://www.emnrd.state.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the OCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that OCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener mas informacion sobre esta solicitud en espan[illegible] sirvase comunicarse por [illegible] New Mexico Energy, M[illegible] and Natural Resources Department (Depto. [illegible] erals y Rec[illegible] Nu[illegible] tion Divisi[illegible] cion Del Pe[illegible]), [illegible] St. Francis Drive, Sa[illegible] New Mexico (Contacto: Do[illegible] Phillips, 505-476-3461).

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of August 2010.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

Mark Fesmire, Director

Mountain View Telegraph:
September 2, 2010

THE SANTA FE NEW MEXICAN
Founded 1849

NM EMNRD OIL CONSERV
1220 S ST FRANCIS DR
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00327564 ACCOUNT: 00002212
LEGAL NO: 89965 P.O. #: 52100-00000260
233 LINES 1 TIME(S) 235.06
AFFIDAVIT: 0.00
TAX: 19.25
TOTAL: 254.31

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, V. Wright, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 89965 a copy of which is hereto attached was published in said newspaper 1 day(s) between 09/06/2010 and 09/06/2010 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 6th day of September, 2010 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ V. Wright
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 6th day of September, 2010

Notary Mary Margaret Vigil-Weideman

Commission Expires: 11-13-2012

OFFICIAL SEAL
Mary Margaret Vigil-Weideman
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 11-13-12

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3108 NMAC), the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division ("OCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(HIP-117) EMW Gas Association (EMW), 416 5th Street, Estancia, New Mexico 87016, has submitted an application for an Individual Hydrostatic Test Discharge Permit to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (OCD) for hydrostatically testing approximately 30 miles of a new 12-inch natural gas transmission pipeline, located between the Gran Quivira National Monument and Estancia, New Mexico. EMW will obtain water for the hydrostatic test from the Town of Estancia. EMW will temporarily store the hydrostatic test wastewater in the pipeline for sampling. Approximately 490,000 gallons of wastewater will be generated from the hydrostatic test, and tested prior to discharge or disposal. The initial discharge will occur within the SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East and will be diverted onto SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPM, Torrance County, New Mexico. The discharge location is approximately 23.7 miles south of Mountainair, New Mexico at MP 38.6 on State Highway 55. Due to the new pipe and the source water to be used during the testing, the discharge water is expected to meet Water Quality Control Commission (WQCC) water quality standards. If WQCC water quality standards are not met the test wastewater will be hauled to an approved disposal location. The shallowest groundwater most likely to be affected by an accidental discharge is at a depth of approximately 600 feet below ground surface with a total dissolved solids concentration of approximately 540 mg/l. The plan consists of a description of the method and location for retention and testing of water and solids, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The OCD has determined that the application is administratively complete and has prepared a draft permit. The OCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the OCD web site http://www.emnrd.state.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the OCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice during which interested persons may submit comments or request that OCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest." If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener mas información sobre esta solicitud en espan ol, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de, Nuevo México), Oil Conservation Division (Depto. Conservacio n Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of August 2010.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Mark Fesmire, Director

Legal #89965

Pub. Sept. 6, 2010

Mountain View
TELEGRAPH
Serving the East Mountain and Estancia Valley Areas.
P.O. Box 2225 • Moriarty, NM 87035 • (505) 823-7101• mvtelegraph.com

Phone: (505) 823-7100 Fax: (505) 823-7107

FACSIMILE COVER SHEET

From: Connie Sanchez-Wilson e-mail:class@mvtelegraph.com

Date: 8-31-10 Total Number of pages: 5

PLEASE FORWARD TO:

Name: Brad Jones Phone: _____

Company: NMEMNRD- OCD Fax: (505) 476-3462
Conservation Division

Please examine the attached copy of your advertisement for any and all errors. After you have approved all content and formatting, we will send your legal notice to print as per the attached proof.

If you have any changes or questions, please contact me as soon as possible at (505) 823-7100.

Deadline for all changes is Tuesday at 10am.

* * * Proof * * *

Number Nine Media, Inc.
1837 Camino Del Llano
Belen, NM 87002
(505) 864-4472

Account Information

Phone:	(505) 476-3400
Name:	NMEMNRD - OIL CONSERVATION DIVISION
Account #:	
Address:	1220 S ST FRANCIS DR SANTA FE, NM 87505
Client:	
Placed by:	EMAIL - BRAD A JONES
Fax #:	

Ad Information

Classification:	0000-Legals - Government	**Size:**	1 x 184.000
Start date:	09-02-10	**Billed size:**	184 00 9pt lines
Stop date:	09-02-10	**Ad #:**	491462
Insertions:	1	**Ad type:**	Liner Ad
Rate code:	Government Legals		
Publications:	Mountain View Telegraph		

Ad Cost:	$ 115.92
Tax @ 7.8125%:	$
Tax @ 7.4375%:	$
Tax @ 7.0000%:	$
Total	$ 124.54

Ad Copy:

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20 6.2.3108 NMAC), the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division ("OCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(HIP-117) EMW Gas Association (EMW), 416 5th Street, Estancia, New Mexico 87016, has submitted an application for an Individual Hydrostatic Test Discharge Permit to the New Mexico

* * * Proof * * *

Number Nine Media, Inc.
1837 Camino Del Llano
Belen, NM 87002
(505) 864-4472

Energy, Minerals and Natural Resources Department. Oil Conservation Division (OCD) for hydrostatically testing approximately 30 miles of a new 12-inch natural gas transmission pipeline, located between the Gran Quivira National Monument and Estancia, New Mexico. EMW will obtain water for the hydrostatic test from the Town of Estancia. EMW will temporarily store the hydrostatic test wastewater in the pipeline for sampling. Approximately 490,000 gallons of wastewater will be generated from the hydrostatic test, and tested prior to discharge or disposal. The initial discharge will occur within the SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East and will be diverted onto SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPN, Torrance County, New Mexico. The discharge location is approximately 23.7 miles south of Mountainair, New Mexico at MP 38.6 on State Highway 55. Due to the new pipe and the source water to be used during the testing, the discharge water is expected to meet Water Quality Control Commission (WQCC) water quality standards. If WQCC water quality standards are not met the test wastewater will be hauled to an approved disposal location. The shallowest groundwater most likely to be affected by an accidental discharge is at a depth of approximately 600 feet below ground surface with a total dissolved solids concentration of approximately 540 mg/l. The plan consists of a description of the method and location for retention, and testing of water and solids, including how spills, leaks, and other ac-

* * * **Proof** * * *

Number Nine Media, Inc.
1837 Camino Del Llano
Belen, NM 87002
(505) 864-4472

cidental discharges to the surface will be managed in order to protect fresh water.

The OCD has determined that the application is administratively complete and has prepared a draft permit. The OCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the OCD website http://www.emnrd.state.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the OCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that OCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener mas informacion

* * * **Proof** * * *

Number Nine Media, Inc.
1837 Camino Del Llano
Belen, NM 87002
(505) 864-4472

sobre esta solicitud en espanol, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto Del Energia, Minerals y Recursos Naturales de Nuevo Mexico), Oil Conservation Division (Depto. Conservacion Del Petroleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of August 2010.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION

SEAL

Mark Fesmire, Director

Mountain View Telegraph.
September 2, 2010

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Wednesday, August 25, 2010 8:08 AM
To: 'JK Associates Inc'
Cc: Ronnie
Subject: RE: EMW Public Notice
Attachments: 2010 8-19 HIP-117 AdmnComp.pdf

Jon,

Thank you for making the requested revisions to the public notice. You may proceed with the Spanish translation and compliance with the New Mexico Water Quality Control Commission (WQCC) regulations notice requirements (20.6.2.3108 NMAC). The hydrostatic test event shall not be initiated until EMW's and OCDs notice periods pass, the permit is issued, and the additional permit fee is paid.

The attached document is OCD's determination that the application is ""administratively" complete. A hard copy was mailed last Thursday. If you have any questions regarding this matter, please contact me.

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: JK Associates Inc [mailto:jkengineers@wildblue.net]
Sent: Wednesday, August 25, 2010 7:36 AM
To: Jones, Brad A., EMNRD
Subject: EMW Public Notice

Brad,

Revised notice.

Jon
JK Associates, Inc

New Mexico Energy, Minerals and Natural Resources Department

August 19, 2010

Mr. Ronnie Reynolds
EMW Gas Association
416 5th Street
Estancia, New Mexico 87016

Re: Hydrostatic Test Discharge Permit HIP-117
EMW Gas Association
EMW Natural Gas Pipeline Project
Locations: SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East, the SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East, and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPN Torrance County, New Mexico

Dear Mr. Reynolds:

The Oil Conservation Division (OCD) has received EMW Gas Association's (EMW) revised notice of intent, submitted by JK Associates, Inc. on the behalf of EMW and dated August 16, 2010, for authorization to discharge approximately 490,000 gallons of wastewater generated from a hydrostatic test of approximately 30 miles of a new 12-inch natural gas transmission pipeline. The initial discharge will occur within the SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East and will be diverted onto SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPN, Torrance County, New Mexico. The submittal provided the required information in order to deem the application "administratively" complete. The OCD approves the Albuquerque Journal and Mountain View Telegraph as the newspapers of general circulation for the published notice and the discharge location within the SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East, NMPM, Torrance County (MP 38.6 on State Highway 55 approximately 23.7 miles south of Mountainair, New Mexico) and the post office in Mountainair, New Mexico as proposed posting locations.

Therefore, the July 2006 New Mexico Water Quality Control Commission (WQCC) regulations notice requirements (20.6.2.3108 NMAC) must be satisfied and demonstrated to the OCD. The hydrostatic test event shall not be initiated until EMW's and OCDs notice periods pass, the permit is issued, and the additional permit fee is paid.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Brad A. Jones
Environmental Engineer

BAJ/baj

Cc: OCD District IV Office, Santa Fe
Jon Jones, JK Associates, Inc., 18 Dressage Drive, Tijeras, NM 87059

JK Associates, Inc. *Professional Engineering Services*

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

August 16, 2010

Brad Jones
State of New Mexico - Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: EMW Natural Gas Pipeline Project
Notice of Intent to Hydrostatically Test and Discharge

Dear Mr. Jones,

EMW Gas Association (EMW) is submitting their notice of intent to hydrostatically test and discharge water from their natural gas pipeline project, Torrance County, New Mexico. Following the Oil Conservation Division Guidelines for Hydrostatic Test Dewatering, EMW has provided the following information.

Summary of Activities

EMW will hydrostatically test the Natural Gas Pipeline Project, a newly constructed gas pipeline that will extend from Gran Quivira to southwest of Estancia, New Mexico in Torrance County, New Mexico. The 30 miles of 12-inch pipe will be hydrostatically tested in two sections using approximately 490,000 gallons of water from a municipal source within the town of Estancia, NM. The test water will be pushed directly from one test section to the second test section. The entire pipeline is new pipe. The testing will occur during the week of October 25, 2010.

Name and Address of Discharger

EMW Gas Association
Ronnie Reynolds, General Manager
416 5th Street
Estancia, NM 87016

Location and Legal Description of Discharge

The test water will be discharged at Mile Post 0.00, located within the NW ¼ of the NW ¼ of Section 27 T1N R08E. The test water will be piped across El Paso Natural Gas company's ROW where it will be discharged to gravity flow south across the SW ¼ of the NW ¼ of Section 27 T1N R8E. At the middle of the SW ¼ of the NW ¼ of Section 27 T1N R8E , the test water will flow west crossing under New Mexico Highway #55 through existing culverts. On the west side of the highway, the test water will be absorbed into the land. The legal for the final location will be the SE ¼ and SW ¼ of the NE ¼ of Section 28 T1N R8E and the NE ¼ and NW ¼ of the SE ¼ of Section 28 T1N R8E. The location for the initial discharge can be found by taking NM Highway #55 for 23.7 miles south from Mountainair, NM. This is MP 38.6 on NM highway #55. The discharge location is located immediately east of the highway. If the hydrostatic test water meets WQCC standards, and with approval from OCD, the water will be discharged as stated above. This waste water is RCRA non-exempt based on the classification of the gas pipeline.

Maps

The following maps are included with this permit application.

- *Overview of project area (topo map, 5 sheets)*
- *Discharge site (topo and aerial map) showing details and Limits of Discharge Water on lands of Mr. Connell*
- *FEMA 100 year flood plain map FIRMette panel 3501330034A*
- *Land Ownership surrounding discharge area*

Demonstration of Compliance with Siting Criteria

See attached Discharge Site Map and Certification of Compliance with Siting Criteria completed by EMW's engineer for the project.

Compliance with OCD's siting criteria are met because:

1. *Hydrostatic test water will not be discharged within 200 feet of any watercourse, lakebed, sinkhole or playa lake (see Discharge site map)*
2. *There are no wells within 1000 feet (personal inspection) of the discharge site*
3. *The discharge location is not located within the FEMA 100 year flood plain (see attached FIRMette Map)*

4. *There are no wetlands within 500 ft (see Discharge site map). The US Fish and Wildlife Service National Wetlands Inventory show only one (1) wetland in Torrance County. It is named Laguna del Perro located 10 miles SE of Estancia, NM. This wetland is located approximately 26 miles north – northeast of the proposed discharge location*
5. *There are no mines within section 27 T1N R8 or section 28 T1N R8E (see attached e-mail from Lloyd Moiola, EMNRD)*
6. *There are no residences, schools, hospitals, or churches within 500 feet (personal inspection)*

Description of Activities

The EMW Natural Gas Pipeline Project will be hydrostatically tested in two sections using approximately 490,000 gallons of water from an Estancia, NM municipal source. The location of the test water source is a fire hydrant located at the corner of Lassiter Street and NM highway #55 in Estancia, NM. Each section will be tested for a minimum of 8 hours. Hydrostatic test water will remain in the pipeline while water is being analyzed to determine if it meets WQCC standards. If the water meets WQCC standards and with approval from OCD, test water will be pushed from the pipeline onto the grass plains adjacent to MP 0.00. The discharged water will not go beyond the limits outlined on the attached aerial map titled "Limits of Discharge Water". Also see the Site Specific Map for the discharge location. This land is owned by Arthur Wayne Connell and attached is a letter from him giving EMW Gas Association the authority to place this water on his land.

Method & Location for Collection and Retention of Fluids

Hydrostatic test water will be retained within the pipeline while water quality tests are pending. Once results are obtained and approved by OCD, water will be transferred from the pipe onto the grass plains adjacent to MP 0.00.

BMPs to Contain Discharge On Site & Control Erosion

Pipes will be securely connected when transferring water from one test section to another. At the discharge location, straw bales and straw waddles will be used to control erosion and slow the velocity of the discharge water. The rate of discharge will be around 500 GPM. Drawings are attached that show the detail for straw bale placement to prevent erosion and the placement of straw bales for a containment section where the water will be discharged.

Request for Alternate Treatment/Disposal

If the hydrostatic test water does not meet conditions for discharge onto the grass plains adjacent to MP 0.00, EMW has made arrangements with Key Energy Services for Class I, non-hazardous RCRA, injection well disposal, if the test water meets Key Energy Services disposal criteria.

Hydrostatic Test Water Sampling Plan

The hydrostatic test water will be sampled prior to being used to get base data and verify it meets WQCC standards and also to test for radium 226 and 228. This pre test is being done on radium so a post test will not be required for radium. Hydrostatic test water samples will be collected directly from the pipeline. The sampling point will be at the end of the second test section MP 0+00. The test water will be analyzed for the constituents identified in NMAC 20.6.2.3103 (A)(B(C). Upon receipt of the analytical results, EMW will submit them to the OCD for approval to discharge.

Expected Quality & Volume of Discharge

The expected volume of the hydrostatic test discharge is approximately 490,000 gallons. Given that the pipeline is newly constructed pipe, water quality is expected to be comparable to the quality of the inlet municipal water and will be analyzed to determine if it meets WQCC standards.

Geological Characteristics of Subsurface at Discharge Site

According to the NM Bureau of Mines and Mineral resources geologic map, the project is within the Estancia Basin in the Chupadera Mesa Group. Soils in the area are Otero-Palma loams, on 0 to 9 percent slopes. Otero soils are fan piedmonts, well drained alluvium derived from metamorphic and sedimentary rock. Palma soils are fan piedmonts, well drained alluvium derived from metamorphic and sedimentary rock.

The NM Bureau of Mines and Mineral geologic map may be found:
http://geoinfo.nmt.edu/publications/maps/geologic/state/home.cfm

Information about soils was obtained from the NRCS web soil survey website:
http://websoilsurvey.nrcs.usda.gov/app/

A copy of the soil analysis is attached.

Depth & TDS Concentration of Ground Water Most Likely to be Affected by Discharge

There is one water well located 0.62 miles south of the proposed discharge location. This well is located in the southeast corner of S28, T1N, R8E. The owner of the well is Transwestern Pipeline Company. It is 650 feet deep with the water level at 600 feet. The water from this well has a total dissolved solids (TDS) equal to 540 ppm. The New Mexico Office of the State Engineer's data base was searched for this well. No well log records were found either with logs or without logs. Copies of these search records are attached.

ID of Landowners at and Adjacent to Discharge Site and Collection/Retention Site

There is one property owner that owns all land within ¼ mile from the proposed discharged location. This land owner has been notified and has given written permission for the disposal of the hydrostatic test water upon his property. Additionally there are seven (7) property owners plus the state of NM and the USA who own land that is adjacent to the property owner where the discharge will occur. These land owners will be sent the Public Notice of the discharge.

Closing

In the event of a release associated with project activities, EMW will comply with OCD's Release Notification and Corrective Action regulation 19.15.29 and 19.15.30 NMAC to remediate the spill as soon as possible.

A check for $100 was previously submitted with the NOI, dated May 3, 2010. A copy of the check is attached.

Once OCD rules this application as administratively complete, EMW will provide notice of the permit application in the Albuquerque Journal, Mountain View Telegraph following requirements in NMAC 20.6.2.3108. In addition, a sign, 2 feet by 3 feet, will be placed at the location of the discharge providing a synopsis of the public notice. Also a copy, 8 ½ by 11, will be placed at the Mountainair, NM post office. A copy of the Public Notice is attached. It will be translated into Spanish after the English version is approved. Pictures of the two locations where the Public Notice will be placed will be taken and sent after being placed at the two locations.

Thank you for your assistance. If additional information is required please call or e-mail me.

Sincerely yours,

Jon W. Jones, P.E.
JK Associates, Inc.
(505) 263-0819
jkengineers@wildblue.net

Attachments (12): Overview of Project (Topo Map), Discharge Location Site Specific (Topo Map), Discharge Location (Aerial Map), FEMA Flood Pain Map, Land Ownership Map, Connell permission letter, Straw Bale Designs (2 pages), Soil Analysis Data (3 pages), NM Office of the State Engineer Well Log Information, Notice of Publication, Copy of check for $100 previously submitted, Subsurface mine information (e-mail from Lloyd Moiola – 3 pages)

cc: Ronnie Reynolds, General Manager, EMW Gas Association

JK Associates, Inc. *Professional Engineering Services*

Certification of Compliance with Siting Criteria

I, Jon Jones, Professional Engineer with JK Associates, Inc. and EMW's Project Engineer visited the project site in the field on August 7, 2010 and verified that the area around MP 0.00 where EWM will discharge the hydrostatic test water, upon OCD approval, meets the following siting criteria:

1. *There are no wells within 1000 feet (personal inspection) of the discharge site*
2. *Hydrostatic test water will not be discharged within 200 feet of any watercourse, lakebed, sinkhole or playa lake (see Discharge site map)*
3. *There are no wetlands within 500 ft (see Discharge site map)*
4. *The discharge location is not located within the FEMA 100 year flood plain (see attached FIRMette Map)*
5. *There are no mines within section 27 T1N R8 or section 28 T1N R8E (see attached e-mail from Lloyd Moiola, EMNRD)*
6. *There are no residences, schools, hospitals, institutions or churches within 500 feet (personal inspection)*

My observations in the field match the enclosed map showing where EMW plans to discharge the water.

Jon W Jones Principal Engineer 8-7-2010

Signature Title Date

18 Dressage Drive *Tijeras, New Mexico* *jkengineers@wildblue.net*

Gran Quivira, NM (1972)
USGS 7.5' Quadrangle

T8
T7
T6
T5
T4
T3
Bldg 1
T2
B3
B2
B1
T1
BOP

LIBERTY VALLEY
FLATS
GOOCH
PIPELINE
CANYON

T02N, R08E
T01N, R08E

Center Point Hill
Center Point School
Espinosa Lake
Haygood Tank

Area of Extent
Map 5 of 5

Project Area

Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend

- Building
- Isolated Occurrence
- Project Area

Land Ownership

- Private
- State
- BLM

N

1:24,000

OVERVIEW OF PROJECT TOPO MAP

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1 Miles

Round Top, NM (1972)
USGS 7.5' Quadrangle
T03N, R08E; Sec. 22, 27, 28, 33, 34
T02N, R08E; Sec. 3, 10, 15, 22
Torrance County, NM

T13
B12
B11
B10
B9
B8
B7
T12
T11
T10
T9
B6
B5
LA 165702

Deuson Well
Fain Lake
Addison Tank
Braswell Well
Coyote Well
Liberty School
LIBERTY HILL

T03N, R08E
T02N, R08E

Area of Extent
Map 4 of 5

Project Area

Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend
- Isolated Occurrence
- Site Area
- Project Area

Land Ownership
- Private
- State
- BLM

N

1:24,000

0 0.25 0.5 1 Kilometers
0 0.25 0.5 1 Miles

T04N, R08E; Sec. 22, 27, 33, 34
T03N, R08E; Sec. 4, 9, 10, 15, 22
Torrance County, NM

T04N, R08E

T03N, R08E

Willard, NM (Photo Rev. 1986)
USGS 7.5' Quadrangle

Round Top, NM (1972)
USGS 7.5' Quadrangle

Area of Extent
Map 3 of 5

Project Area

Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend

- Isolated Occurrence
- Project Area

Land Ownership

- Private
- State
- BLM

N

1 24,000

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1 Miles

T05N, R08E; Sec. 21, 28, 33
T04N, R08E; Sec. 4, 9, 15, 16, 22
Torrance County, NM

Mountainair NE, NM (Prov. Ed. 1986)
USGS 7.5' Quadrangle

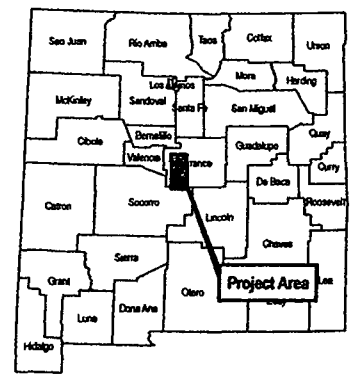
Willard, NM (Prov. Ed. 1986)
USGS 7.5' Quadrangle
Torrance County, NM

T17
T20
T21
T22

Pipeline
Transmission Line
Substation
Arroyo
Draw
Well 6170T

T05N, R08E
T04N, R08E

Area of Extent
Map 2 of 5



Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend
- Isolated Occurrence
- Project Area

Land Ownership
- Private
- State
- BLM

N

1:24,000

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1 Miles

Mountainair NE, NM (Prov. Ed. 1986)
USGS 7.5' Quadrangle
Torrance County, NM
T06N, R08E; Sec. 28, 29, 32, 33
T05N, R08E; Sec. 4, 9, 16, 17, 20, 21

EOP
B14
B15
T16
T17
H02
H01
I-100
I-99
Trans. Line
Torreon
Gravel Pit
Draw
T06N, R08E
T05N, R08E
Project Area

Area of Extent
Map 1 of 5

Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend
- Isolated Occurrence
- Project Area

Land Ownership
- Private
- State
- BLM

N

1 24,000

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1 Miles

SITE SPECIFIC FOR PROPOSED DISCHARGE LOCATION & "LIMITS of DISCHARGE WATER"

NEW MEXICO HIGHWAY #55

LOCATION OF PROPOSED DISCHARGE

AREA WHERE WATER WILL BE ABSORBED INTO SURFACE ~18.6 ACRES

NEAREST WATER WELL

Transwestern Well

Well

PIPELINE

PIPELINE

TORRANCE CO
SOCORRO

Gran Quivira

GRAN QUIVI

BASE LINE

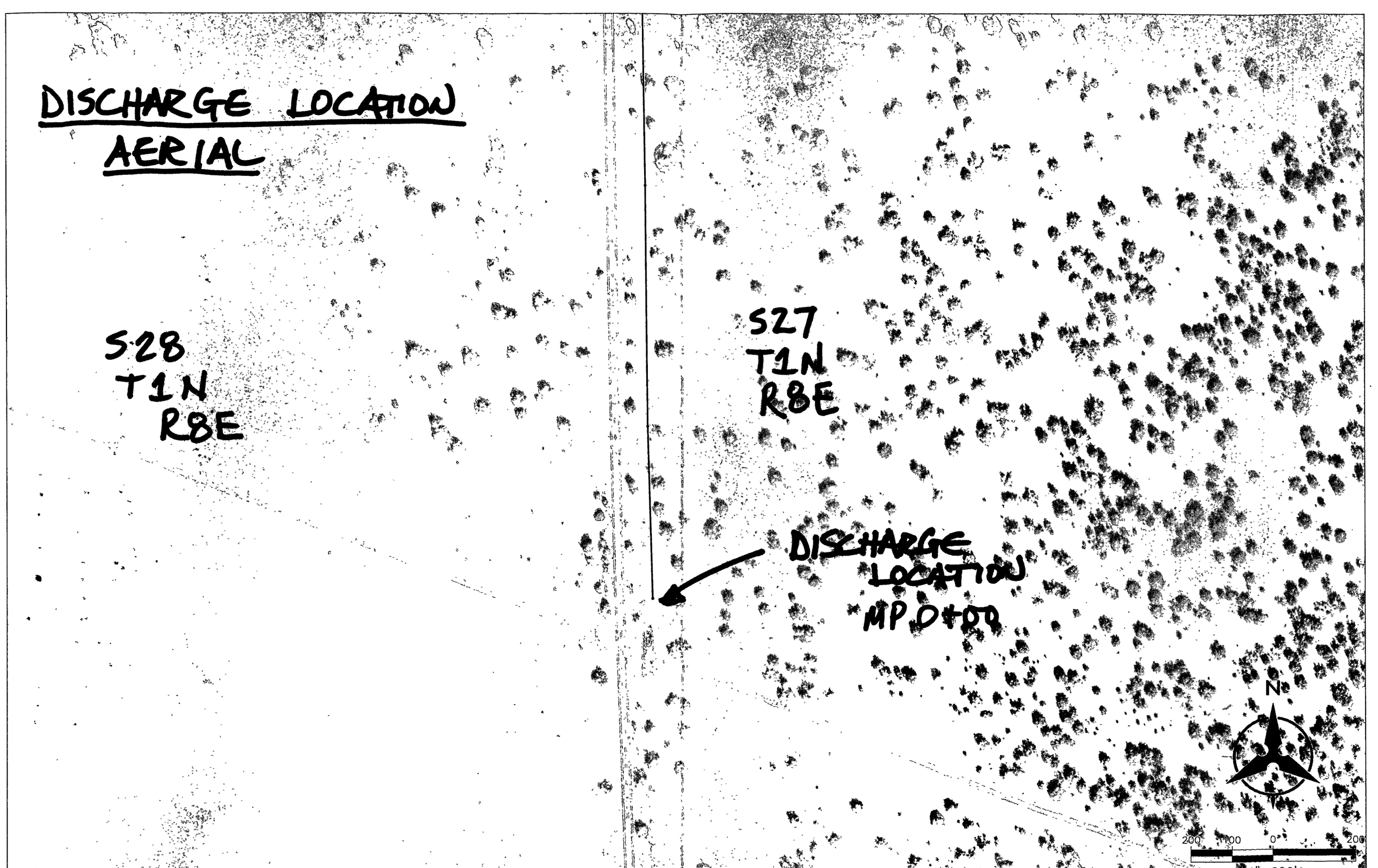
Ruins

BM 6348

6572 6481 6604 6423 6400 6500 6362 6380 6407 6430 6386 6348

20 21 22 29 28 27 33 34 14

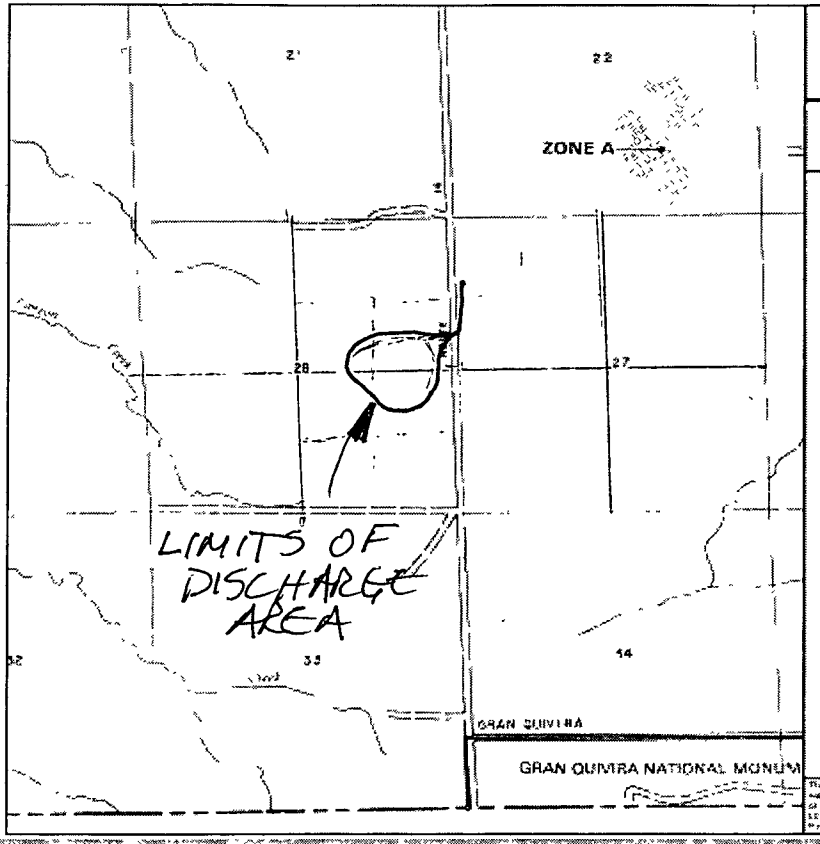
DISCHARGE LOCATION AERIAL



FEMA

Save your FIRMette

Back



TORRANCE COUNTY, NEW MEXICO
UNINCORPORATED AREA
PANEL 34 OF 35

EFFECTIVE DATE

COMMUNITY - PANEL NO.
350133 0034 A

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Legend

- Proposed Alignment
- Roads
- Connell Property
- BLM
- NPS
- P
- S

LAND OWNERSHIP MAP

TORRANCE

SHAW KENNETH & VENITA

SHAW KENNETH & VENITA

S16

S15

S14

FULFER SHARON

HWY 55 S14

S21

S22

S23

GREENE JOHN & LYNETTE

BISHOP SAMUEL E

S28

T1N, R8E

LIMITS OF DISCHARGE AREA

RUTHERFORD MARY J ETAL

S29

S27

S26

S25

ATKINSON ZELFA D

CONNELL JAMES A

S33

S34

STATE HIGHWAY 55

FULFER KAREN J

S35

S36

S32

SMITH ROYCE & KELLIE

55

SOCORRO

S2 T1S R8E

SMITH ROYCE & KELLIE

August 15, 2010

Mr. Ronnie Reynolds
General Manager
EMW Gas Association
PO Box 118
Estancia, NM 87016

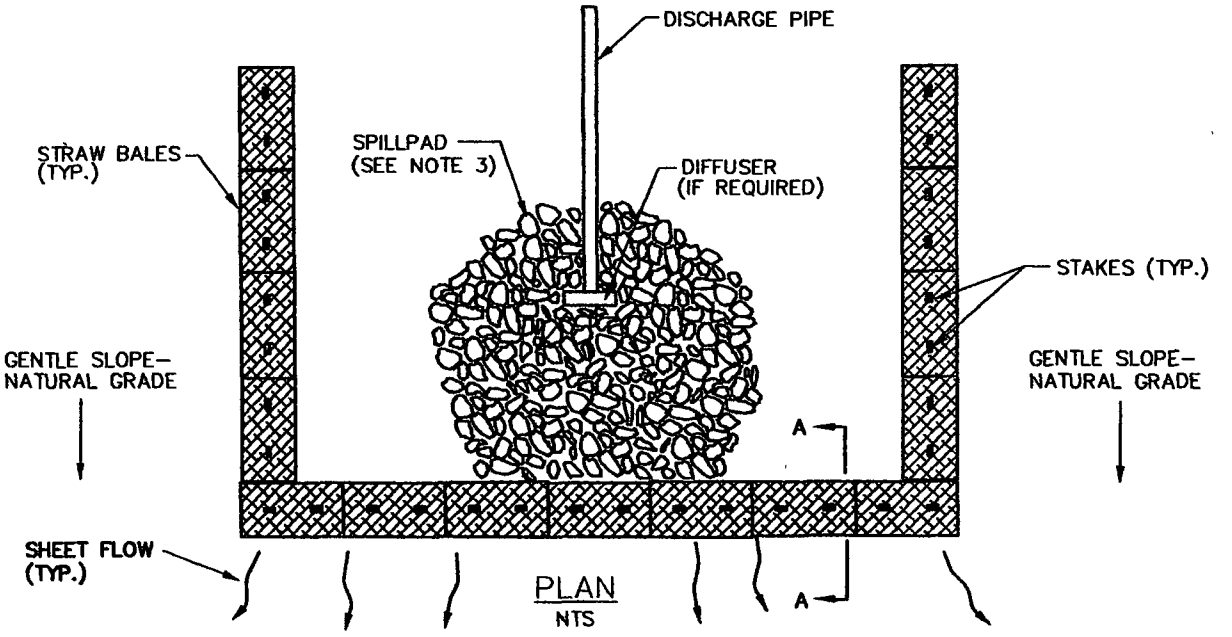
Dear Mr. Reynolds,

The purpose of this letter is to give EMW Gas Association the authorization to discharge approximately 490,000 gallons of test water upon lands that I own. I understand that the discharge will occur in Section 27, T1N, R8E at the EPNG station on the east side of NM highway #55. The water will run south crossing NM highway #55 through culverts and ultimately end up on the west side of the highway in section 28, T1N, R8E.

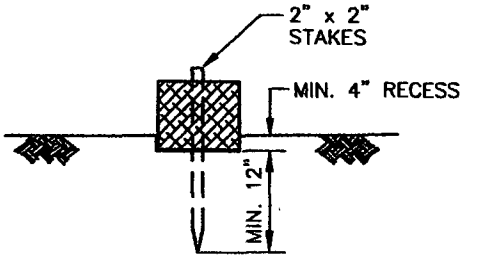
I understand the discharge water will meet the drinking water standards for the state of New Mexico and that the discharge will occur in late October 2010.

Sincerely,

Arthur Wayne Connell



PLAN
NTS

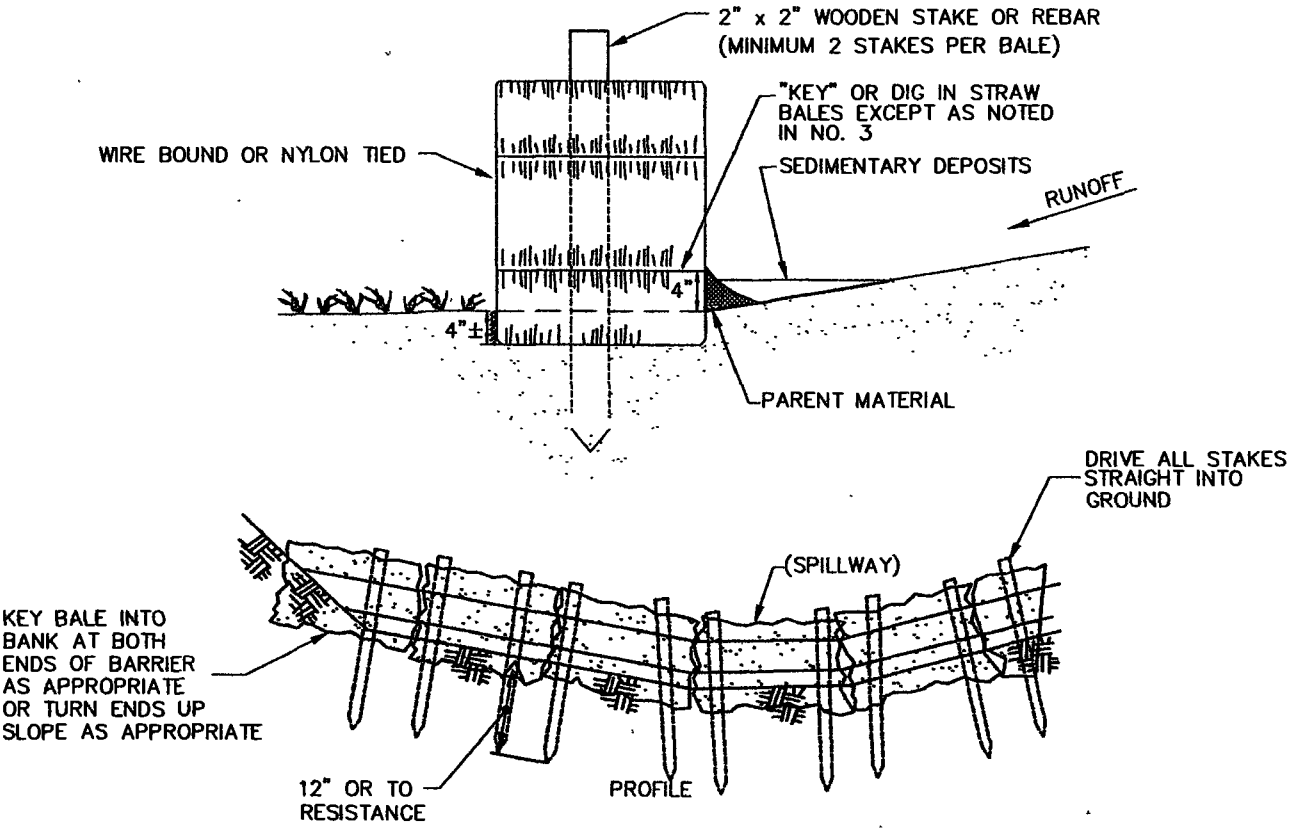


SECTION A–A
NTS

NOTES:

1. INSTALL A STRAW BALE DEWATERING STRUCTURE WHEREVER IT IS NECESSARY AND AS DIRECTED BY THE ENVIRONMENT INSPECTOR TO PREVENT THE FLOW OF HEAVILY SILT LADEN WATER INTO WATER BODIES OR WETLANDS.
2. DISCHARGE SITE SHALL BE WELL VEGETATED AND THE TOPOGRAPHY OF THE SITE SUCH THAT WATER WILL FLOW INTO THE DEWATERING STRUCTURE AND AWAY FROM ANY WORK AREAS. THE AREA DOWN SLOPE FROM THE WATERING SITE MUST BE REASONABLY FLAT OR STABILIZED BY VEGETATION OR OTHER MEANS TO ALLOW THE FILTERED WATER TO CONTINUE AS SHEET FLOW.
3. DIRECT THE PUMPED WATER ONTO A STABLE SPILL PAD CONSTRUCTED OF STRAW BALES, ROCK FILL, WEIGHTED TIMBERS, OR A WOVEN GEOTEXTILE STAKED TO THE GROUND SURFACE, SUCH AS MIRAFI 600X, TERRAFIX 400W, OR A COMPANY APPROVED EQUIVALENT. BEYOND THE SPILL PAD FORCE THE DISCHARGE WATER INTO SHEET FLOW USING STRAW BALES AND THE NATURAL TOPOGRAPHY.
4. DIFFUSER MAY INCLUDE A "T" PIPE, A SPLASH PUP OR A SPLASH PLATE, INSTALLED AT THE END OF THE DISCHARGE PIPE OR OTHER SIMILAR METHOD TO DIFFUSE OR BAFFLE THE DISCHARGED WATER'S ENERGY.
5. DISCHARGE WATER SHALL BE FORCED INTO SHEET FLOW IMMEDIATELY BEYOND THE SPILL PAD USING A COMBINATION OF STRAW BALES AND THE NATURAL TOPO–GRAPHY. DRIVE TWO STAKES INTO EACH BALE TO ANCHOR THEM IN PLACE.
6. MANUFACTURED FILTER BAGS ARE A SUITABLE ALTERNATIVE TO STRAW BALE STRUCTURES FOR TRENCH DEWATERING. FILTER BAGS SHALL BE INSTALLED AS SPECIFIED BY THE MANUFACTURER. DISPOSE OF FULL FILTER BAGS AT A COMPANY APPROVED OFF–SITE FACILITY.

STRAW BALE DEWATERING STRUCTURE



NOTES:

1. STRAW BALE OR SILT FENCE SEDIMENT BARRIERS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:
   - THE BASE OF ALL SLOPES ABOVE ROADS, SPRINGS, WETLANDS, IMPOUNDMENTS AND FLOWING STREAMS.
   - THE DOWNSLOPE RIGHT-OF-WAY EDGE WHERE ANY OF THE ABOVE MENTIONED LOCATIONS ARE ADJACENT TO RIGHT-OF-WAY AS DIRECTED BY THE COMPANY.
   - BETWEEN SPOIL STOCKPILES AND STREAMS OR WETLANDS AS NEEDED.
   - AS DIRECTED BY THE COMPANY.
2. STRAW BALE SEDIMENT BARRIERS SHALL CONSIST OF A ROW OF STRAW BALES, PLACED ON THE FIBER-CUT EDGE (TIES NOT IN CONTACT WITH THE GROUND). BALES SHALL BE TIGHTLY ABUTTED TO ONE ANOTHER. THE BARRIER SHALL BE ONE BALE HIGH. ONLY NOXIOUS WEED FREE STRAW SHALL BE USED.
3. ENTRENCH ("KEY") STRAW BALES INTO THE GROUND TO A DEPTH OF 4", EXCEPT IN SATURATED OR EXTREMELY ROCKY SOILS. PLACE PARENT MATERIAL ON UPSTREAM SIDE OF STRAW BALES TO PREVENT UNDERMINING.
4. WALK ON STRAW BALES TO INSURE ADEQUATE BALE TO SOIL CONTACT.
5. ANCHOR STRAW BALES SECURELY IN PLACE WITH TWO WOODEN OR STEEL REBAR STAKES DRIVEN THROUGH THE TOPS OF THE BALES. THE LENGTH OF THE STAKE SHALL ENTER THE GROUND A DISTANCE OF 12" UNLESS ROCK OR AN IMPERMEABLE LAYER IS ENCOUNTERED ABOVE 12".

STRAW BALE BARRIER

USDA United States Department of Agriculture Natural Resources Conservation Service

Web Soil Survey

Printable Version | Add to Shopping Cart

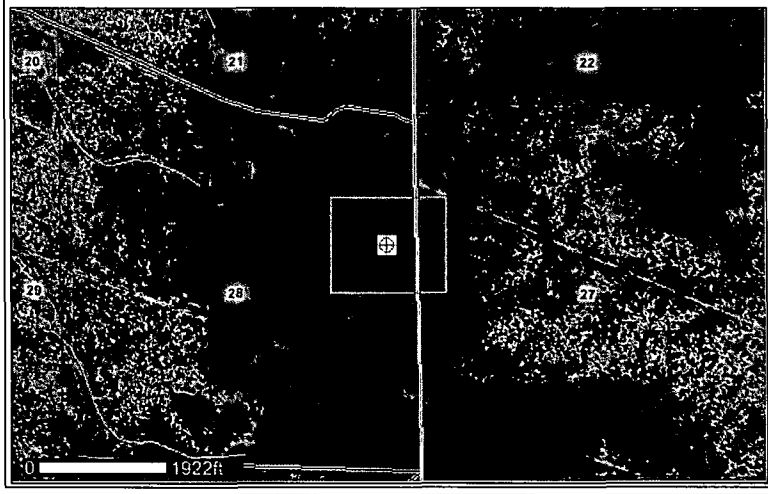
Search

Map Unit Legend

Torrance Area, New Mexico (NM674)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Op	Otero and Palma soils	53.4	100 0%
Totals for Area of Interest		53.4	100.0%

Soil Map



Torrance Area, New Mexico

Op—Otero and Palma soils

Map Unit Setting

Elevation: 6,000 to 7,000 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 140 to 180 days

Map Unit Composition

Otero and similar soils: 55 percent
Palma and similar soils: 25 percent

Description of Otero

Setting

Landform: Fan piedmonts
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from metamorphic and sedimentary rock

Properties and qualities

Slope: 1 to 9 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 35 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability (nonirrigated): 4e
Ecological site: Sandy (R070CY112NM)

Typical profile

0 to 6 inches: Fine sandy loam
6 to 60 inches: Fine sandy loam

Description of Palma

Setting

Landform: Fan piedmonts
Landform position (three-dimensional): Tread

Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from metamorphic and sedimentary rock

Properties and qualities

Slope: 1 to 9 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 35 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Moderate (about 8.4 inches)

Interpretive groups

Land capability (nonirrigated): 6e
Ecological site: Sandy (R070CY112NM)

Typical profile

0 to 6 inches: Fine sandy loam
6 to 23 inches: Fine sandy loam
23 to 60 inches: Fine sandy loam

Data Source Information

Soil Survey Area: Torrance Area, New Mexico
Survey Area Data: Version 9, Sep 24, 2009

New Mexico Office of the State Engineer
Wells with Well Log Information

No wells found.

Basin/County Search:

Basin: Estancia **County:** Torrance

PLSS Search:

Section(s): 28 **Township:** 01N **Range:** 08E

Usage Filter:

Use: All Usages

NOTICE OF PUBLICATION

EMW Gas Association (EMW), 416 5th Street, Estancia, New Mexico 87016, has submitted an application for an Individual Hydrostatic Test Discharge Permit to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (OCD) for the EMW Natural Gas Pipeline Project. Approximately 30 miles of 12-inch pipe will hydrostatically tested using water from the City of Estancia. EMW will discharge the test water within T1N, R8E, Section 27. The discharge location can be found by taking New Mexico Highway #55 for 23.7 miles south from Mountainair, N.M. This is mile post 38.6. Approximately 490,000 gallons of wastewater will be generated from the hydrostatic test. Because the pipe is new, the test water is expected to meet Water Quality Control Commission (WQCC) water quality standards and can be discharged upon the land at the discharge site. If WQCC water quality standards are not met, the test water will be hauled to an approved disposal location. The depth of the groundwater potentially affected by the discharge is about 600 feet below the surface. The total dissolved solids concentration of the groundwater in the area is 540 parts per million. Any interested person may obtain information, submit comments, and request to be placed on a facility-specific mailing list for future notices by contacting Brad Jones at the New Mexico OCD at 1220 South Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3487. The OCD will accept comments and statements of interest regarding the permit application and will create a facility-specific mailing list for persons who wish to receive future notices.

JK ASSOCIATES, INC.
18 DRESSAGE DR.
TIJERAS, NM 87059

[redacted]

DATE 5.3.2010 95-145/1070

PAY TO THE ORDER OF Water Quality MANAGEMENT Fund $ 250.00

Two hunded fifty dollars and no 100/100 DOLLARS

1ST FIRST COMMUNITY BANK
AN FDIC INSURED INSTITUTION

FOR EMW GAS Annual TEMPORARY Permit Jon W Jones

[redacted]

JK ASSOCIATES, INC.
18 DRESSAGE DRIVE
TIJERAS, N.M. 87059

[redacted]

DATE 5.3.2010 95-145/1070

PAY TO THE ORDER OF WATER Quality MANAGEMENT Fund $ 100.00

One hunded dollars DOLLARS

1ST FIRST COMMUNITY BANK
AN FDIC INSURED INSTITUTION

FOR EMW GAS NOI for Discharge Jon W Jones

[redacted]

[redacted]

WILDBLUE.
Powered by Google

JK Associates Inc <jkengineers@wildblue.net>

Request for information about subsurface mines

3 messages

JK Associates Inc <jkengineers@wildblue.net> **Mon, Jul 5, 2010 at 10:00 AM**
To: lloyd.moiola@state.nm.us

Hi Lloyd,

My name is Jon Jones and I'm doing some work for a natural gas utility that will be installing a new natural gas pipeline. I'm currently working with Brad Jones from the OCD on a Notice of Intent (NOI) to discharge hydrostatic test water. Part of the NOI is a requirement to determine information about any subsurface mines in the discharge area.

The area of the discharge will be the NW corner of Section 27 and Section 28, Township 1 North, Range 8 East. This area is located on the **USGS Gran Quivira** Quadrangle map.

I would appreciate your review of this area to determine if there are any subsurface mines.

Thank You

Jon W. Jones
505 263 0819
jkengineers@wildblue.net
JK Associates, Inc

Tompson, Mike, EMNRD <Mike.Tompson@state.nm.us> **Tue, Jul 6, 2010 at 8:43 AM**
To: "Moiola, Lloyd, EMNRD" <lloyd.moiola@state.nm.us>, jkengineers@wildblue.net

We have no record of abandoned mines in these two sections.

From: Moiola, Lloyd, EMNRD
Sent: Tuesday, July 06, 2010 8:28 AM
To: Tompson, Mike, EMNRD

Subject: FW. Request for information about subsurface mines

Do we have any projects in the area described below, or are there any other mines in the area?

From: JK Associates Inc [mailto:jkengineers@wildblue.net]
Sent: Monday, July 05, 2010 10 01 AM
To: Moiola, Lloyd, EMNRD
Subject: Request for information about subsurface mines

[Quoted text hidden]

Moiola, Lloyd, EMNRD <lloyd.moiola@state.nm.us> **Tue, Jul 6, 2010 at 8:51 AM**
To· JK Associates Inc <jkengineers@wildblue.net>

Hi Jon,

I checked our project database and other records in AML and we do not show any mines in Sections 27 and 28, T 1 N, R 8 E If you need additional information, please let me know

Thanks,

Lloyd Moiola

Abandoned Mine Land Program

From: JK Associates Inc [mailto jkengineers@wildblue net]
Sent: Monday, July 05, 2010 10 01 AM
To: Moiola, Lloyd, EMNRD
Subject: Request for information about subsurface mines

Hi Lloyd,

[Quoted text hidden]

JK Associates, Inc. *Professional Engineering Services*

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 3, 2010

Brad Jones
State of New Mexico - Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: EMW Natural Gas Pipeline Project
Notice of Intent to Hydrostatically Test and Discharge

Dear Mr. Jones,

EMW Gas Association (EMW) is submitting their notice of intent to hydrostatically test and discharge water from their natural gas pipeline project, Torrance County, New Mexico. Following the Oil Conservation Division Guidelines for Hydrostatic Test Dewatering, EMW has provided the following information.

Summary of Activities
EMW will hydrostatically test the Natural Gas Pipeline Project, a newly constructed gas pipeline that will extend from Gran Quivira to southwest of Estancia, New Mexico in Torrance County, New Mexico. The 30 miles of 12-inch pipe will be hydrostatically tested in four sections using approximately 260,000 gallons of water from a municipal source within the town of Estancia, NM. The entire pipeline is new pipe.

Name and Address of Discharger

EMW Gas Association
Ronnie Reynolds, General Manager
416 5th Street
Estancia, NM 87016

18 Dressage Drive *Tijeras, New Mexico* *jkengineers@wildblue.net*

Location and Legal Description of Discharge

The test water will be collected at Mile Post 0.00, within Section 27 T1N R08E. This location can be found by taking NM Highway #55 for 23.7 miles south from Mountainair, NM. The discharge location is located immediately east of the highway. If the hydrostatic test water meets WQCC standards, and with approval from OCD, the water will be disposed onto the grass plains at MP 0.00.

Maps

The following maps are included with this permit application.

- *Overview of project area (topo map)*
- *Discharge site (topo and aerial map)*

Demonstration of Compliance with Siting Criteria

See attached Discharge Site Map and Certification of Compliance with Siting Criteria completed by EMW's engineer for the project.

Compliance with OCD's siting criteria are met because:

1. *Hydrostatic test water will not be discharged within 200 feet of any watercourse (see Discharge site map)*
2. *There are no wells in the immediate vicinity (personal inspection) of the discharge*
3. *There are no wetlands within 500 ft (see Discharge site map)*
4. *There are no mines within section 27 T1N R8*
5. *There are no residences, schools, hospitals, or churches within 500 feet (see Discharge site map)*

Description of Activities

The EMW Natural Gas Pipeline Project will be hydrostatically tested in four sections using approximately 260,000 gallons of water from an Estancia, NM municipal source. Each section will be tested for a minimum of 8 hours. Hydrostatic test water will remain in the pipeline while water is being analyzed to determine if it meets WQCC standards. If the water meets WQCC standards and with approval from OCD, test water will be pumped from the pipeline onto the grass plains adjacent to MP 0.00.

Method & Location for Collection and Retention of Fluids

Hydrostatic test water will be retained within the pipeline while water quality tests are pending. Once results are obtained and approved by OCD, water will be transferred from the pipe onto the grass plains adjacent to MP 0.00.

BM How will flooding be contained & control erosion?
ge On Site & Control Erosion
Hos nected when transferring water from one test section to another.

Request for Alternate Treatment/Disposal
If the hydrostatic test water does not meet conditions for discharge onto the grass plains adjacent to MP 0.00, EMW has made arrangements with Key Energy Services for Class I injection well disposal, if the test water meets Key Energy Services disposal criteria.

Hydrostatic Test Water Sampling Plan
Hydrostatic test water samples will be collected directly from the pipeline. The sampling point will be along the pipeline where the first and second test sections meet. The test water will be analyzed for the constituents identified in NMAC 20.6.2.3103 (A)(B(C). Upon receipt of the analytical results, EMW will submit them to the OCD for approval to discharge.

Expected Quality & Volume of Discharge
The expected volume of the hydrostatic test discharge is approximately 260,000 gallons. Given that the pipeline is newly constructed pipe, water quality is expected to be comparable to the quality of the inlet municipal water and will be analyzed to determine if it meets WQCC standards.

Geological Characteristics of Subsurface at Discharge Site
According to the NM Bureau of Mines and Mineral resources geologic map, the project is within the Estancia Basin in the Chupadera Mesa Group. Soils in the area are Witt-Harvey loams, on 0 to 3 percent slopes. Witt soils are fan piedmonts, well drained alluvium derived from igneous, metamorphic and sedimentary rock. Harvey soils are fan piedmonts, well drained alluvium derived from igneous and sedimentary rock.

The NM Bureau of Mines and Mineral geologic map may be found:
http://geoinfo.nmt.edu/publications/maps/geologic/state/home.cfm

Information about soils was obtained from the NRCS web soil survey website:
http://websoilsurvey.nrcs.usda.gov/app/

Depth & TDS Concentration of Ground Water Most Likely to be Affected by Discharge
There is one water well located 0.62 miles south of the proposed discharge location. This well is located in the southwest corner of S28, T1N, R8E. The owner of the well is Transwestern Pipeline Company. It is 650 feet deep with the water level at 600 feet. The water from this well has a total dissolved solids (TDS) equal to 540 ppm.

ID of Landowners at and Adjacent to Discharge Site and Collection/Retention Site
There is one property owner that owns all land within ½ mile from the proposed discharged location. This land owner will be notified and will give written permission for the disposal of the hydrostatic test water upon his property.

Closing

In the event of a release associated with project activities, EMW will comply with OCD's Release Notification and Corrective Action regulation NMAC 19.15.3.116 to remediate the spill as soon as possible.

A check for $100 is submitted with this notice.

Once OCD rules this application as administratively complete, EMW will provide notice of the permit application in the Albuquerque Journal, Mountain View Telegraph following requirements in NMAC 20.6.2.3108. In addition, a sign will be placed at the location of the discharge providing a synopsis of the public notice.

Thank you for your assistance. If additional information is required please call or e-mail me.

Sincerely yours,

Jon W. Jones, P.E.
JK Associates, Inc.
(505) 263-0819
jkengineers@wildblue.net

Enclosure - Check

cc: Ronnie Reynolds, General Manager, EMW Gas Association

JK Associates, Inc. *Professional Engineering Services*

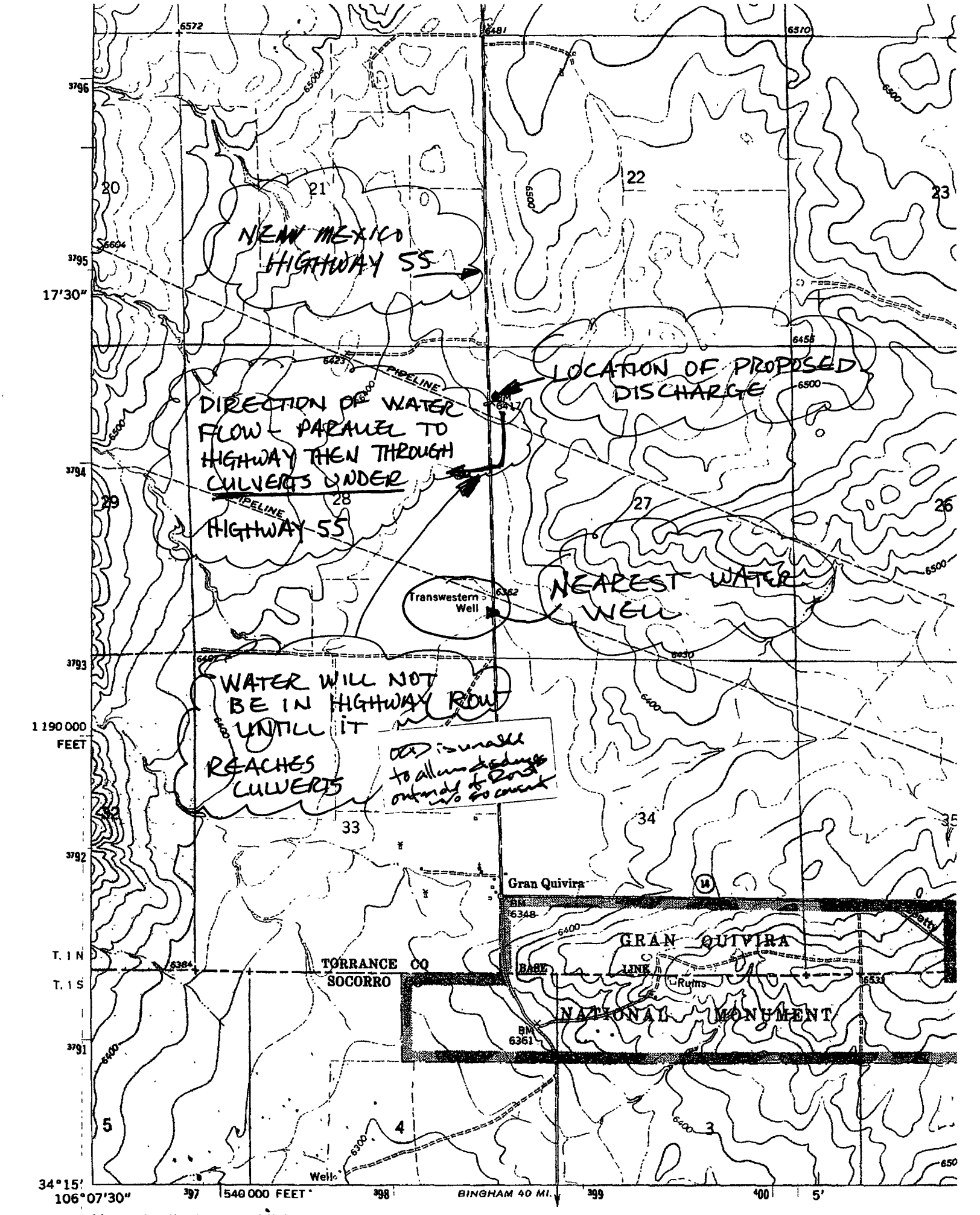
Certification of Compliance with Siting Criteria

I, Jon Jones, Professional Engineer with JK Associates, Inc. and EMW's Project Engineer visited the project site in the field on May 2, 2010 and verified that the area around MP 0.00 where EWM will discharge the hydrostatic test water, upon OCD approval, meets the following siting criteria:

- No wells within 1,000 ft
- No watercourses within 200 ft
- No wetlands within 500ft
- No permanent residence, school, hospital, institution or church within 500 ft. My observations in the field match the enclosed map showing where EMW plans to discharge the water.

Signature	Title	Date
Jon W Jones	Principal Engineer	5.3.2010

18 Dressage Drive *Tijeras, New Mexico* *jkengineers@wildblue.net*



Mapped, edited, and published by the Geological Survey

T02N, R08E; Sec. 22, 27, 34
T01N, R08E; Sec. 3, 10, 15, 22, 27
Torrance County, NM

Round Top, NM (1972)
USGS 7.5' Quadrangle

Gran Quivira, NM (1972)
USGS 7.5' Quadrangle

LIBERTY VALLEY

T02N, R08E

T01N, R08E

GOOCH FLATS

Center Point Hill

Center Point School

Bldg 1

Espinosa Lake

Haygood Tank

PIPELINE

LOCATION OF PROPOSED DISCHARGE

Area of Extent
Map 5 of 5

Project Area

Legend
- Building
- Isolated Occurrence
- Project Area

Land Ownership
- Private
- State
- BLM

N

1:24,000

Marron and Associates, Inc

EMW Mainline Expansion Proj

Round Top, NM (1972)
USGS 7.5' Quadrangle
T03N, R08E; Sec. 22, 27, 28, 33, 34
T02N, R08E; Sec. 3, 10, 15, 22
Torrance County, NM

T13
T12
T11
T10
T9
B12
B11
B10
B9
B8
B7
B6
B5
LA 165702

Deuson Well
Fain Lake
Addison Tank
Braswell Well
Coyote Well
Liberty School
Cem.

T03N, R08E
T02N, R08E

TEST SECTION #3
TEST SECTION #4

Area of Extent
Map 4 of 5

Project Area

Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend
- Isolated Occurrence
- Site Area
- Project Area

Land Ownership
- Private
- State
- BLM

N

1:24,000

0 0.25 0.5 1 Kilometers
0 0.25 0.5 1

T04N, R08E; Sec. 22, 27, 33, 34
T03N, R08E; Sec. 4, 9, 10, 15, 22
Torrance County, NM

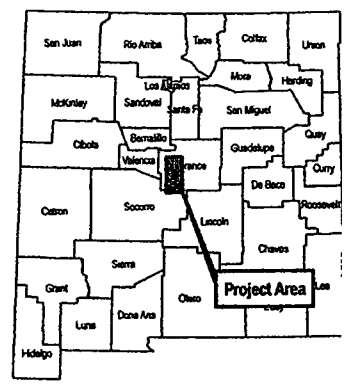
Willard, NM (Photo Rev. 1986)
USGS 7.5' Quadrangle

Round Top, NM (1972)
USGS 7.5' Quadrangle

TEST SECTION #2

TEST SECTION #3

Area of Extent
Map 3 of 5



Marron and Associates, Inc.

EMW Mainline Expansion Project

Project Area Map

Legend

- Isolated Occurrence
- Project Area

Land Ownership

- Private
- State
- BLM

N

1 24,000

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1

T05N, R08E; Sec. 21, 28, 33
T04N, R08E; Sec. 4, 9, 15, 16, 22
Torrance County, NM

Mountainair NE, NM (Prov. Ed. 1986)
USGS 7.5' Quadrangle

Willard, NM (Prov. Ed. 1986)
USGS 7.5' Quadrangle
Torrance County, NM

TEST SECTION #1

TEST SECTION #2

T05N, R08E

T04N, R08E

T17

T20

T21

T22

Pipeline

Transmission Line

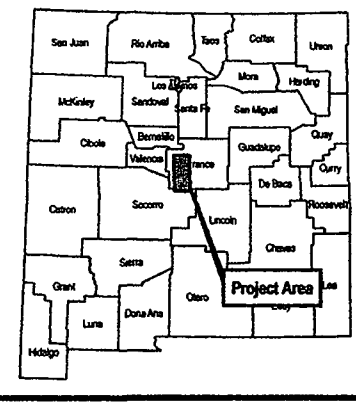
Arroyo

Draw

Well

Substation

Area of Extent
Map 2 of 5



Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend

- Isolated Occurrence
- Project Area

Land Ownership

- Private
- State
- BLM

N

1:24,000

0 0.25 0.5 1 Kilometers

0 0.25 0.5 1

Mountainair NE, NM (Prov. Ed. 1986)
USGS 7.5' Quadrangle
Torrance County, NM
T06N, R08E; Sec. 28, 29, 32, 33
T05N, R08E; Sec. 4, 9, 16, 17, 20, 21

EDP

B14

B15

T16

T17

T06N, R08E

T05N, R08E

Torreon

Draw

Trans. Line

Gravel Pit

Area of Extent
Map 1 of 5

Project Area

Marron and Associates, Inc

EMW Mainline Expansion Project

Project Area Map

Legend

- Isolated Occurrence
- Project Area

Land Ownership

- Private
- State
- BLM

N

1 24,000

0 0.25 0.5 1 Kilometers

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RR
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New Mexico Energy, Minerals and Natural Resources Department

RECEIVED OCD
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Bill Richardson
Governor

Jim Noel
Cabinet Secretary

Karen W. Garcia
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

2386
1-02-23-41190

October 12, 2010

PAID
10-18-10

Mr. Ronnie Reynolds
EMW Gas Association
416 5th Street
Estancia, New Mexico 87016

Re: Hydrostatic Test Discharge Permit HIP-117
EMW Gas Association
EMW Natural Gas Pipeline Project
Locations: SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East, the SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East, and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPN Torrance County, New Mexico

Dear Mr. Reynolds:

The Oil Conservation Division (OCD) has received EMW Gas Association's (EMW) revised notice of intent, submitted by JK Associates, Inc. on the behalf of EMW and dated August 16, 2010, for authorization to discharge approximately 490,000 gallons of wastewater generated from a hydrostatic test of approximately 30 miles of a new 12-inch natural gas transmission pipeline. The initial discharge will occur within the SW/4 of the NE/4 of Section 27, Township 1 North, Range 8 East and will be diverted onto SE/4 and SW/4 of the NE/4 of Section 28, Township 1 North, Range 8 East and the NE/4 and NW/4 of the SE/4 of Section 28, Township 1 North, Range 8 East, NMPN, Torrance County, New Mexico. The OCD acknowledges receipt of the filing fee ($100.00) with the May 3, 2010 notice of intent. This permit will not become effective until OCD receives the general permit fee of $600.00 pursuant to 20.6.2.3114 NMAC. Please make the check payable to the **Water Quality Management Fund**.

Based on the information provided in the request, OCD hereby approves the hydrostatic test water discharge permit with the following understandings and conditions:

1. EMW will be testing approximately 30 miles of a new 12-inch natural gas transmission pipeline, within Torrance County, New Mexico;
2. the source of the hydrostatic test water will be a municipal water source obtained from the Town of Estancia;

Em NRD

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. _____ dated: 10/18/10

or cash received on _____ in the amount of $ 600 00

from ENW Gas Association

for HIP-117

Submitted by: Lawrence Romero Date: 10/26/10

Submitted to ASD by: Lawrence Romero Date: 10/26/10

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal _____

Modification _____ Other General Permit Fee

Organization Code 521.07 Applicable FY 2010

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

E.M.W. GAS ASSOCIATION

Customer #: WATER QUALITY MANAGEMENT FUND 10/18/2010 **Chk#:** 50471

INVOICE NUMBER	DATE	AMOUNT	INVOICE NUMBER	DATE	AMOUNT
101510 101510 Oct 10 Phase III Expansion	10/15/2010	$600.00			

Total: **$600.00**

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. ___ dated 5/3/10

or cash received on _____ in the amount of $ 100.00

from JK Associates Inc

for HIP-117

Submitted by: Lawrence Kovacs Date: 5/6/10

Submitted to ASD by: Kimmon Powers Date: 5/6/10

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2010

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

JK Associates, Inc. *Professional Engineering Services*

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 3, 2010

Brad Jones
State of New Mexico - Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: EMW Gas Association Natural Gas Pipeline Project

Dear Mr. Jones,

JK Associates, Inc. has been retained by EMW Gas Association (EMW) in Estancia, New Mexico to design and provide project management for a new 30 mile natural gas pipeline. The purpose of this letter is to introduce the two attached requests for this project. The first is a Request for an Annual Temporary Permit to discharge hydrostatic test water for volumes less than 25,000 gallons. The second is a Notice of Intent to hydrostatic test and Discharge water for a volume more than 25,000 gallons.

I am attaching copies of USGS quadrangle maps which outline the alignment for the pipeline. The pipeline project will begin in the NW corner of Section 27, Township 1 N, Range 8 E and continue north for approximately 30 miles and terminate in the NW corner of Section 28, Township 6 N, Range 8 E. The pipeline project has a beginning station (valves, metering and regulation), four block valve stations spaced along the 30 mile pipeline and an end station (valves and regulation) at the end of the project. These stations will require hydrostatic testing but the volume of water required will be less than 25,000 gallons. This testing will be done in June and July 2010 and hence the need for the annual temporary permit. The 30 miles of pipeline will be hydrostatically tested separately and will require more than 25,000 gallons of water hence the NOI request. This test will occur in October 2010.

I would appreciate your review of the two requests for this project. Should you have any questions, I may be contacted by phone or e-mail. Thank you for your assistance.

18 Dressage Drive *Tijeras, New Mexico* *jkengineers@wildblue.net*

Sincerely yours,

Jon W. Jones, P.E.
JK Associates, Inc.
(505) 263-0819
jkengineers@wildblue.net

Enclosures – Request for Annual Temporary Permit w/check for $250.00
Notice of Intent to Hydrostatic Test and Discharge 30 mile Natural Gas Pipeline w/check for $100.00

cc: Ronnie Reynolds, General Manager, EMW Gas Association