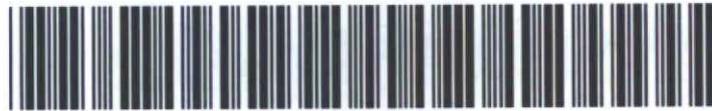




# AE Order Number Banner

## Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



**App Number: pGRL0835236381**

**1RP - 2026**

**EL PASO NATURAL GAS COMPANY**

## Johnson, Larry, EMNRD

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**From:** McKenzie, Bruce E. [Bruce.McKenzie@benham.com]  
**Sent:** Monday, July 13, 2009 11:32 AM  
**To:** Johnson, Larry, EMNRD  
**Cc:** Stavinoha, Doug (Contractor)  
**Subject:** IRP #2026  
**Attachments:** 20090701\_RAPfigures3\_10.pdf

Larry:

As we discussed earlier, Benham, on behalf of El Paso Natural Gas Company (EPNG), conducted an initial investigation of the release area during the period February 3-4, 2009. As I described in my email of April 6, 2009, the analytical data from this initial investigation indicated that the area of soil containing EC values exceeding 4 mS/cm had not been delineated. Therefore, during the period May 5-7, 2009, Benham conducted a second phase of investigation to further delineate the area affected by the release. The analytical results from this phase of investigation indicate that the area of soil containing EC values exceeding 4 mS/cm has been substantially delineated.

Please find attached isopleth maps depicting the soil EC levels at various depth intervals at the Site. When you have had time to review these figures, Benham and EPNG would like to schedule a conference call with you to discuss these data, and to discuss the path forward for the Site. Please contact me at you earliest convenience so that we can schedule a conference.

**Bruce E. McKenzie** | Benham  
Project Manager | E2I  
phone: 918-599-4383 | fax 918-496-0132  
mobile: 918-906-6780  
email: [bruce.mckenzie@benham.com](mailto:bruce.mckenzie@benham.com)

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One West Third Street, Suite 100  
Tulsa, Oklahoma 74103-3513  
[www.benham.com](http://www.benham.com)

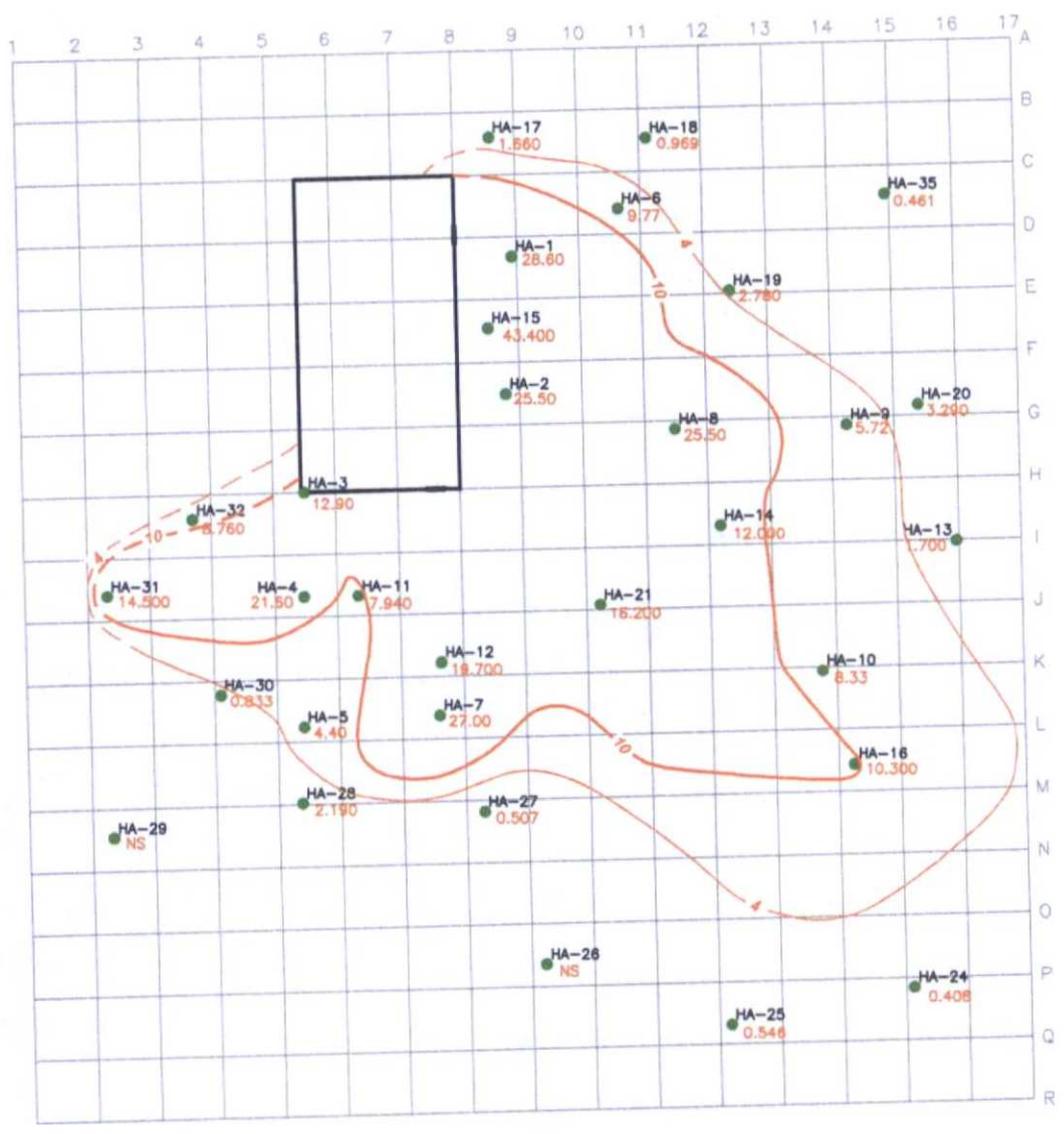
Please consider the environment before printing this email.

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This inbound email has been scanned by the MessageLabs Email Security System.

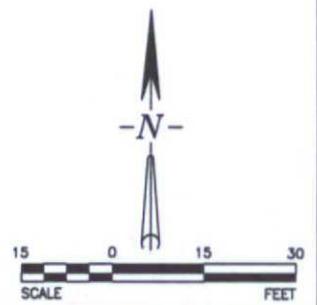
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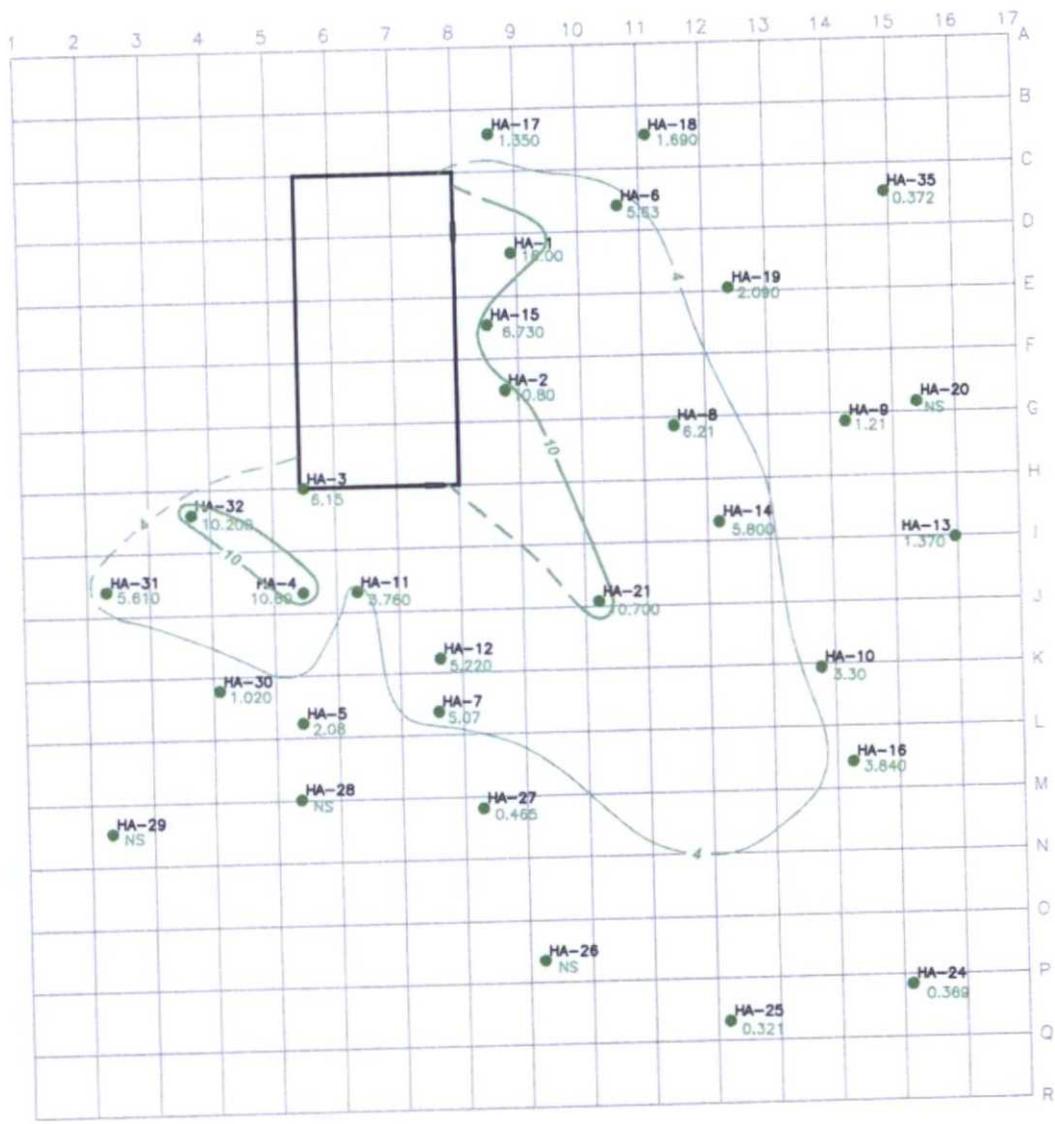
**LEGEND**

- HA-11 7.940 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 2/4/09 AND 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



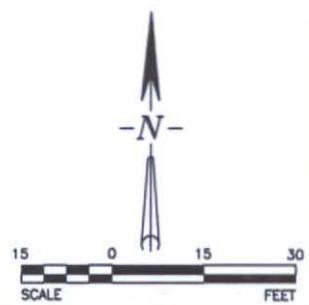
 an SAIC company <b>The Benham Companies, LLC</b> One West Third Street, Suite 100 Tulsa, Oklahoma 74103 (918) 492-1600 www.benham.com	FIGURE TITLE <b>ISOPLETH OF LABORATORY EC RESULTS          DEPTH INTERVAL 0 TO 1 FOOT BGL, FEBRUARY 4 AND MAY 5 - 7, 2009</b>	DATE 7/1/09 SCALE 1"=30'
	DOCUMENT TITLE <b>REMEDIAL ACTION PLAN</b>	DESIGNED BY BEM/PCR APPROVED BY BEM
	CLIENT <b>EL PASO NATURAL GAS COMPANY</b>	DRAWN BY SKG
	LOCATION <b>JAL #4 GAS PLANT          LEA COUNTY, NEW MEXICO</b>	PROJECT NUMBER <b>4100417112</b> FIGURE NUMBER <b>3</b>

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**LEGEND**

- HA-11 3.760 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 2/4/09 AND 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



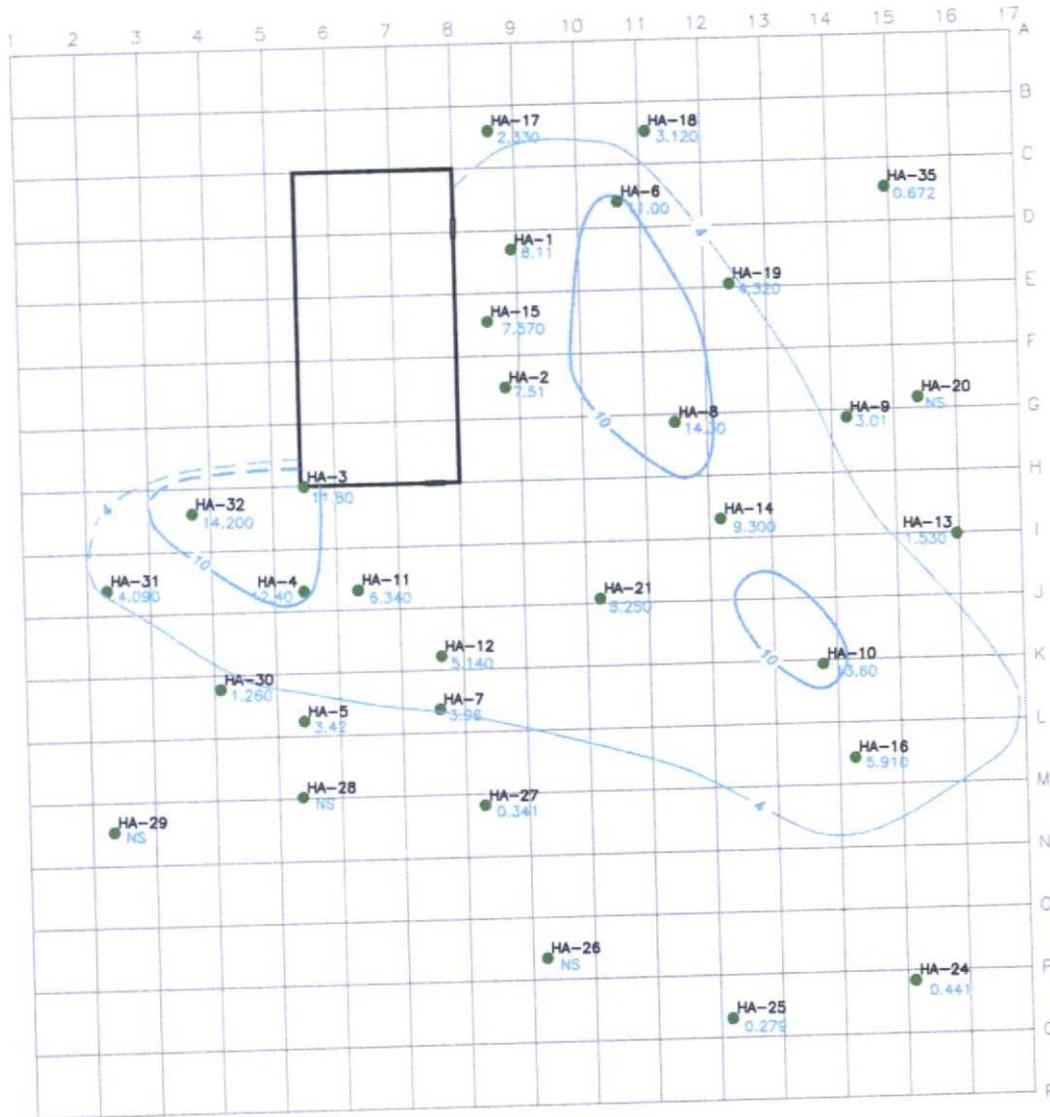
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One West Third Street, Suite 100  
Tulsa, Oklahoma 74103  
(918) 492-1600  
www.benham.com

FIGURE TITLE	<b>ISOPLETH OF LABORATORY EC RESULTS DEPTH INTERVAL 1 TO 2 FOOT BGL, FEBRUARY 4 AND MAY 5 - 7, 2009</b>
DOCUMENT TITLE	<b>REMEDIAL ACTION PLAN</b>
CLIENT	<b>EL PASO NATURAL GAS COMPANY</b>
LOCATION	<b>JAL #4 GAS PLANT LEA COUNTY, NEW MEXICO</b>

DATE	7/1/09
SCALE	1"=30'
DESIGNED BY	BEM/PCR
APPROVED BY	BEM
DRAWN BY	SKG
PROJECT NUMBER	4100417112
FIGURE NUMBER	4

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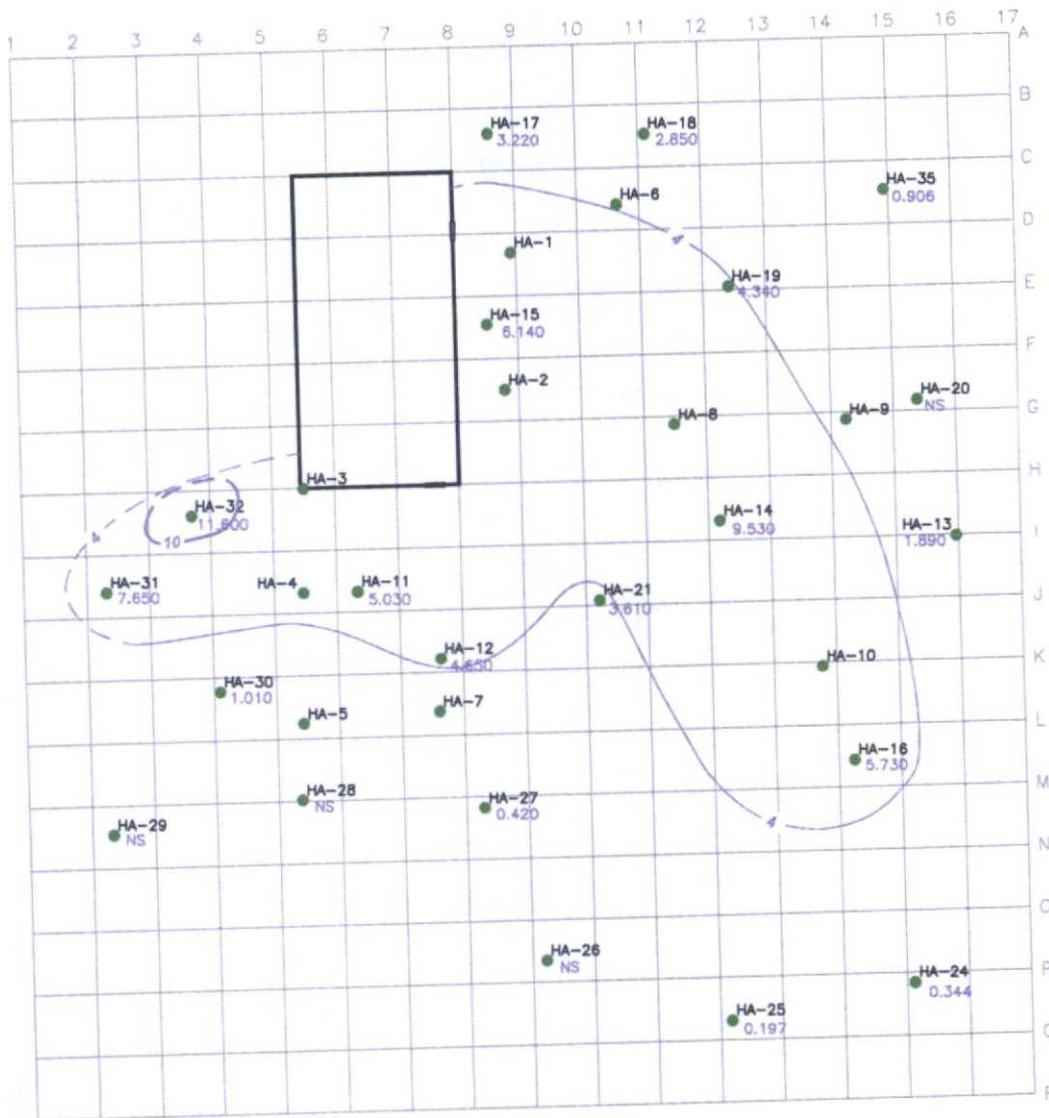
**LEGEND**

- HA-11 6.340 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 2/4/09 AND 5/5-7/09)
- 10 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



 <p><i>an SAIC company</i></p> <p>The Benham Companies, LLC One West Third Street, Suite 100 Tulsa, Oklahoma 74103 (918) 492-1600 <a href="http://www.benham.com">www.benham.com</a></p>	<p>FIGURE TITLE <b>ISOPLETH OF LABORATORY EC RESULTS DEPTH INTERVAL 2 TO 3 FOOT BGL, FEBRUARY 4 AND MAY 5 - 7, 2009</b></p>	<p>DATE 7/1/09</p>
	<p>DOCUMENT TITLE <b>REMEDIAL ACTION PLAN</b></p>	<p>SCALE 1"=30'</p>
	<p>CLIENT <b>EL PASO NATURAL GAS COMPANY</b></p>	<p>DESIGNED BY BEM/PCR</p>
	<p>LOCATION <b>JAL #4 GAS PLANT LEA COUNTY, NEW MEXICO</b></p>	<p>APPROVED BY BEM</p>
		<p>DRAWN BY SKG</p>
	<p>PROJECT NUMBER <b>4100417112</b></p>	<p>FIGURE NUMBER <b>5</b></p>

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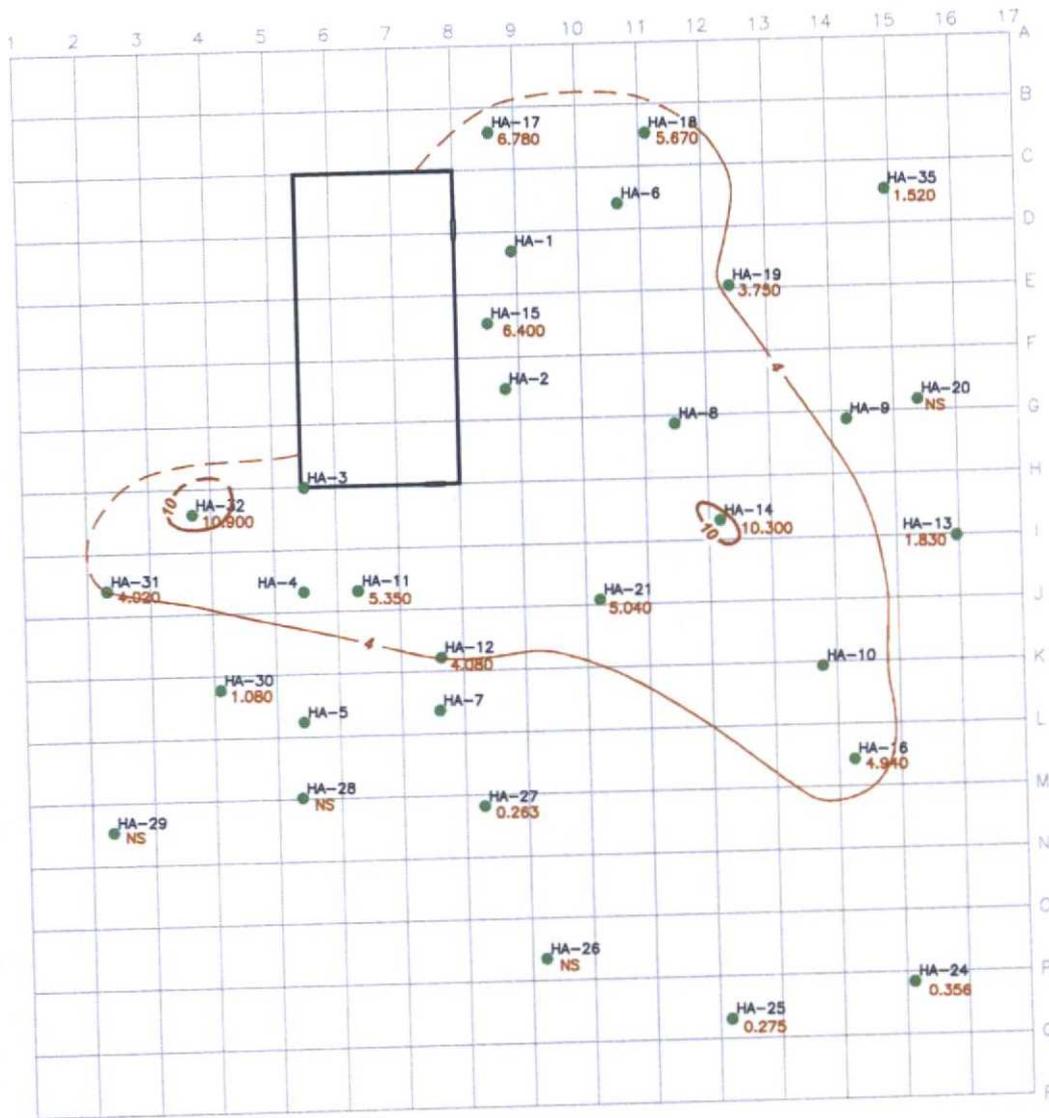
**LEGEND**

- HA-11 5.030 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



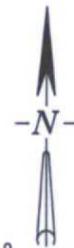
 <p><i>an SAIC company</i></p> <p>The Benham Companies, LLC One West Third Street, Suite 100 Tulsa, Oklahoma 74103 (918) 492-1600 <a href="http://www.benham.com">www.benham.com</a></p>	<p>FIGURE TITLE <b>ISOPLETH OF LABORATORY EC RESULTS DEPTH INTERVAL 3 TO 4 FOOT BGL, MAY 5 - 7, 2009</b></p>	<p>DATE 7/1/09</p>
	<p>DOCUMENT TITLE <b>REMEDIAL ACTION PLAN</b></p>	<p>SCALE 1"=30'</p>
	<p>CLIENT <b>EL PASO NATURAL GAS COMPANY</b></p>	<p>DESIGNED BY BEM/PCR</p>
	<p>LOCATION <b>JAL #4 GAS PLANT LEA COUNTY, NEW MEXICO</b></p>	<p>APPROVED BY BEM</p>
		<p>DRAWN BY SKG</p>
		<p>PROJECT NUMBER <b>4100417112</b></p>
		<p>FIGURE NUMBER <b>6</b></p>

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**LEGEND**

- HA-11 5.350 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



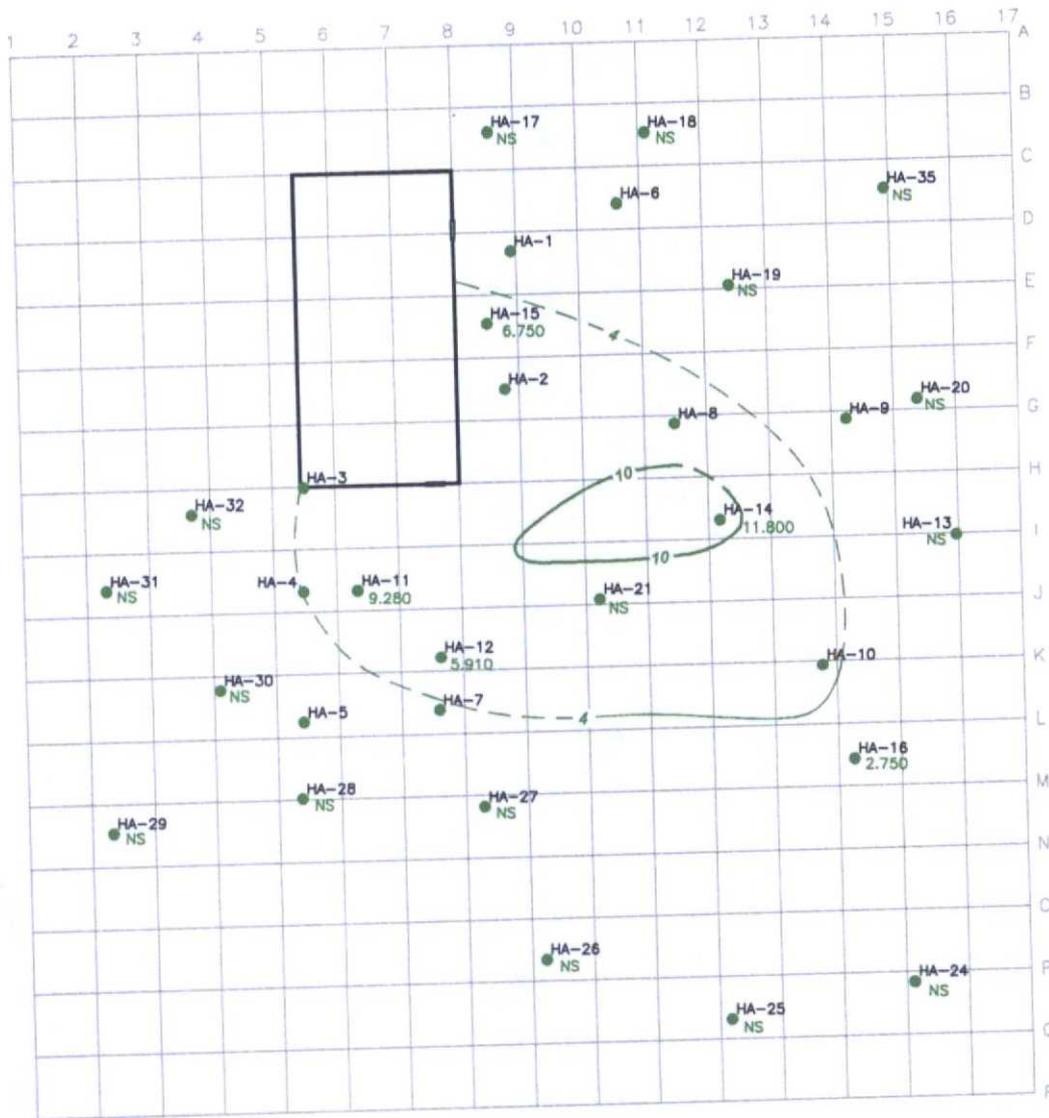
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(918) 492-1600  
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FIGURE TITLE	<b>ISOPLETH OF LABORATORY EC RESULTS DEPTH INTERVAL 4 TO 5 FOOT BGL, MAY 5 - 7, 2009</b>
DOCUMENT TITLE	REMEDIAL ACTION PLAN
CLIENT	EL PASO NATURAL GAS COMPANY
LOCATION	JAL #4 GAS PLANT LEA COUNTY, NEW MEXICO

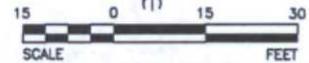
DATE	7/1/09
SCALE	1"=30'
DESIGNED BY	BEM/PCR
APPROVED BY	BEM
DRAWN BY	SKG
PROJECT NUMBER	4100417112
FIGURE NUMBER	7

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**LEGEND**

- HA-11 9.280 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)

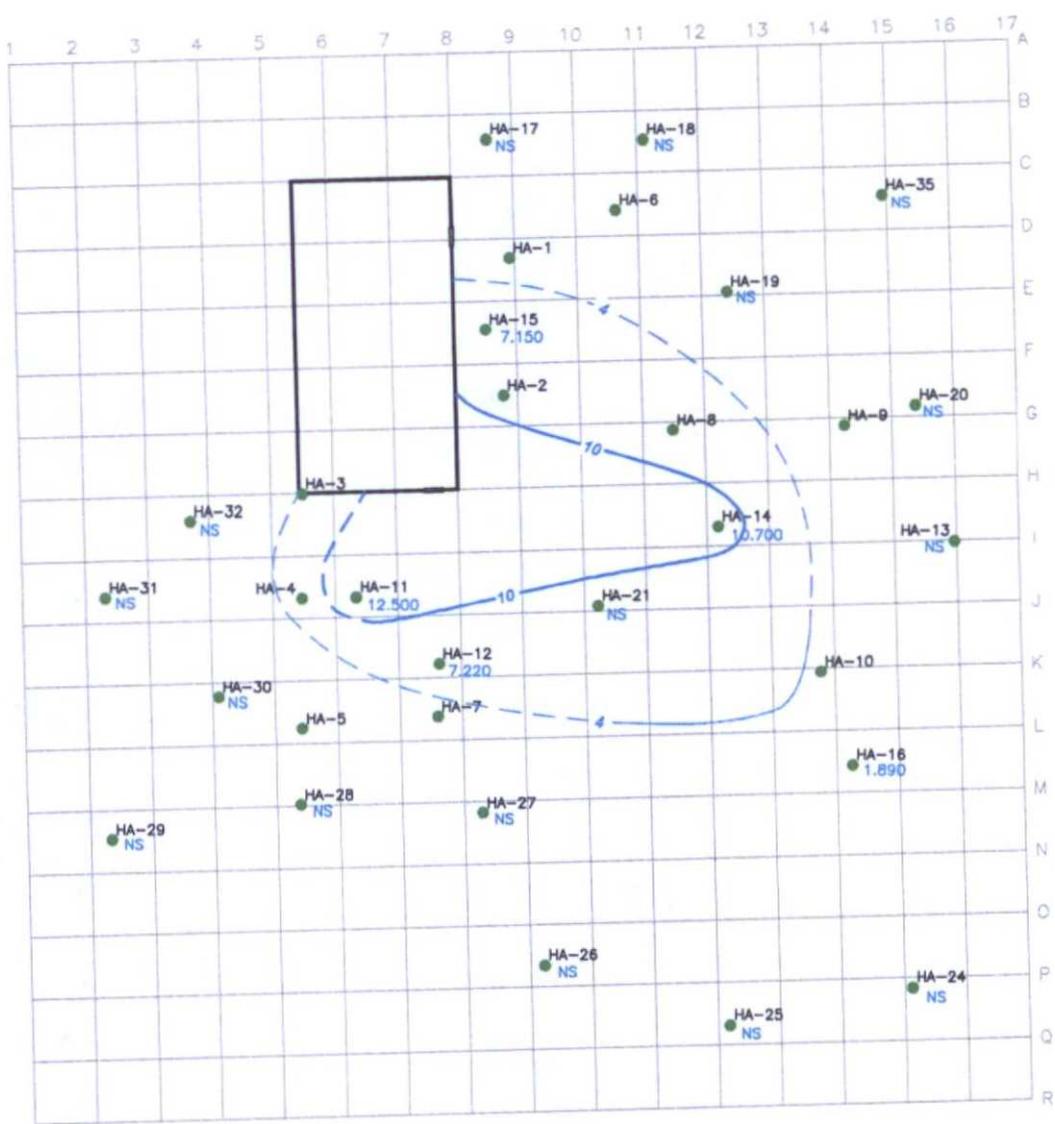


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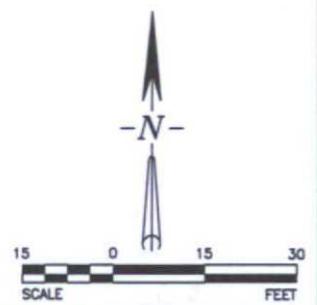
FIGURE TITLE	<b>ISOPLETH OF LABORATORY EC RESULTS DEPTH INTERVAL 5 TO 6 FOOT BGL, MAY 5 - 7, 2009</b>	
DOCUMENT TITLE	REMEDIAL ACTION PLAN	
CLIENT	EL PASO NATURAL GAS COMPANY	
LOCATION	JAL #4 GAS PLANT LEA COUNTY, NEW MEXICO	
DATE	7/1/09	
SCALE	1"=30'	
DESIGNED BY	BEM/PCR	
APPROVED BY	BEM	
DRAWN BY	SKG	
PROJECT NUMBER	4100417112	
FIGURE NUMBER	8	

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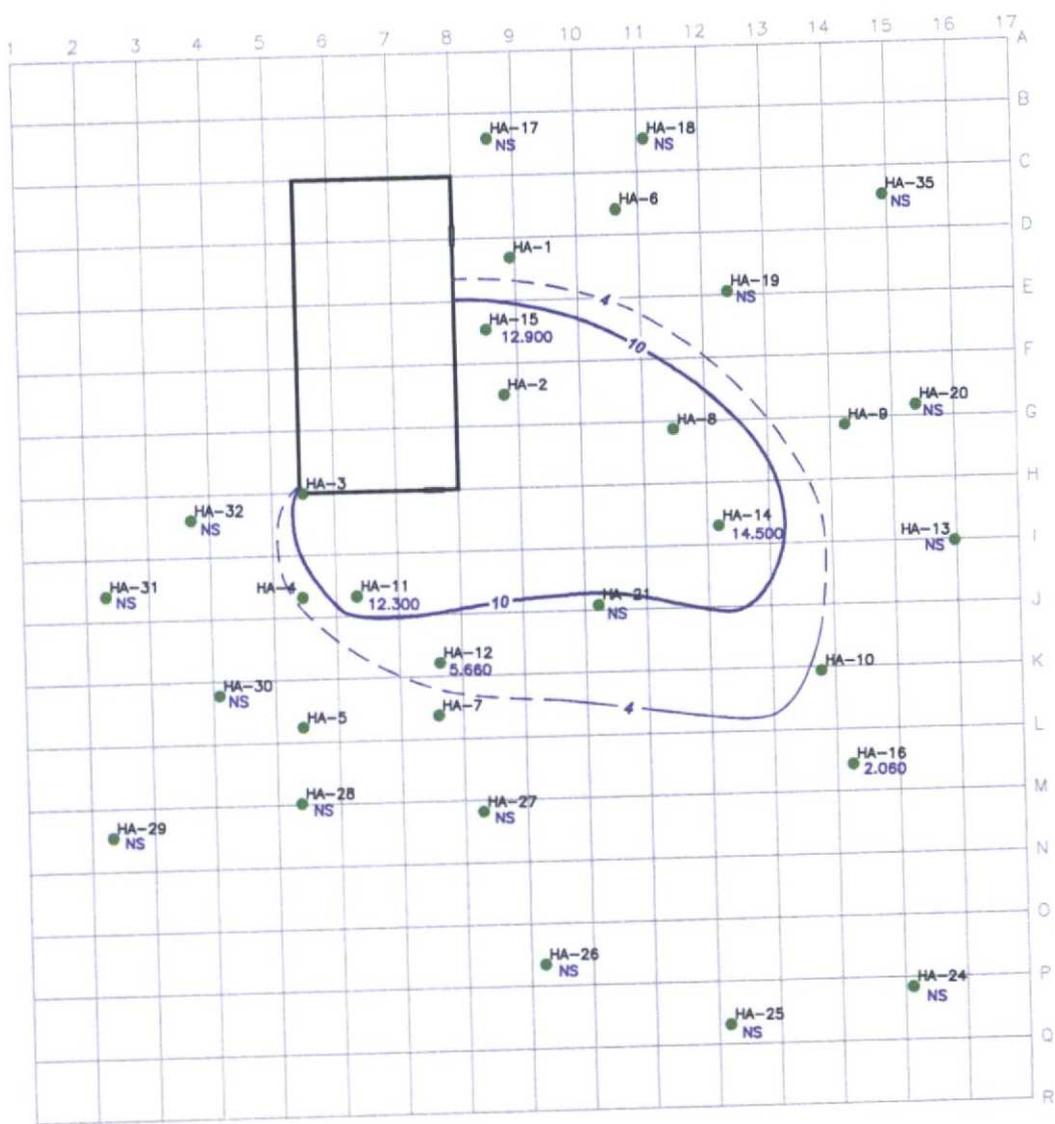
**LEGEND**

- HA-11 12.500 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



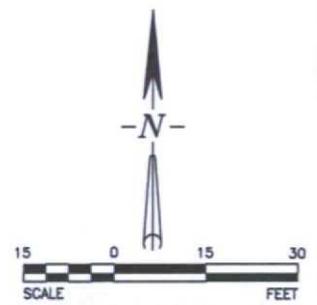
 an SAIC company <b>The Benham Companies, LLC</b> One West Third Street, Suite 100 Tulsa, Oklahoma 74103 (918) 492-1600 www.benham.com	FIGURE TITLE <b>ISOPLETH OF LABORATORY EC RESULTS          DEPTH INTERVAL 6 TO 7 FOOT BGL, MAY 5 - 7, 2009</b>	DATE 7/1/09 SCALE 1"=30' DESIGNED BY BEM/PCR APPROVED BY BEM DRAWN BY SKG
	DOCUMENT TITLE <b>REMEDIAL ACTION PLAN</b>	PROJECT NUMBER <b>4100417112</b>
	CLIENT <b>EL PASO NATURAL GAS COMPANY</b>	FIGURE NUMBER <b>9</b>
	LOCATION <b>JAL #4 GAS PLANT          LEA COUNTY, NEW MEXICO</b>	

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**LEGEND**

- HA-11 12.300 SOIL SAMPLE LOCATION WITH IDENTIFICATION AND SOIL EC, mmhos/cm (SAMPLES COLLECTED 5/5-7/09)
- 4 — CONTOUR OF SOIL EC LEVELS, mmhos/cm (DASHED WHERE INFERRED)



 an SAIC company <b>The Benham Companies, LLC</b> One West Third Street, Suite 100 Tulsa, Oklahoma 74103 (918) 492-1800 www.benham.com	FIGURE TITLE <b>ISOPLETH OF LABORATORY EC RESULTS          DEPTH INTERVAL 7 TO 8 FOOT BGL, MAY 5 - 7, 2009</b>	DATE 7/1/09 SCALE 1"=30' DESIGNED BY BEM/PCR APPROVED BY BEM DRAWN BY SKG
	DOCUMENT TITLE <b>REMEDIAL ACTION PLAN</b>	PROJECT NUMBER <b>4100417112</b>
	CLIENT <b>EL PASO NATURAL GAS COMPANY</b>	FIGURE NUMBER <b>10</b>
	LOCATION <b>JAL #4 GAS PLANT          LEA COUNTY, NEW MEXICO</b>	