



**CONESTOGA-ROVERS
& ASSOCIATES**

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www.CRAworld.com

December 15, 2014

Reference No. 039124-1

Mr. Glenn Von Gonten
Senior Hydrogeologist
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Sante Fe, New Mexico 87505

Dear Mr. Von Gonten:

Re: G.L. Erwin "A & B" Federal NCT-2 Tank Battery - Requested Project Changes
Case No. 1R254, OGRID No. 4323
Lea County, New Mexico

As per discussions with New Mexico Oil Conservation Division (NMOCD) on September 24, 2014, it was indicated that NMOCD would be receptive to changes (i.e., reduction) in parameters, their frequency and/or the number of wells sampled during future monitoring events for the site. The primary chemicals of concern related to the former produced water release at the site are chlorides and TDS. The other cations/anions originally analyzed for at the site have been for the most part non-detect and typically not representative of impacts from the type of produced water present in the area of these sites.

Conestoga-Rovers & Associates, Inc. (CRA), on behalf of Chevron Environmental Management Company (CEMC), requests the following parameters be eliminated from further evaluation at the site: nitrate-N, sulfate, calcium, magnesium, potassium, sodium, hydroxide, carbonate, and bicarbonate. We also request that the following wells be eliminated (not plugged and abandoned at this time) from the monitoring program at the site: Southwest, MW-3 through MW-6, MW-8, MW-10 through MW-13, MW-15 through MW-17, MW-19, MW-20, and MW-22.

To aid in assessing the background concentration for chloride we will be recommending the addition of two upgradient wells and for the purpose of achieving downgradient delineation the installation of 3 monitoring wells. The remaining existing wells (WW-1, West, MW-1, MW-2, MW-7, MW-9, MW-14, MW-18 (if water present), MW-21, MW-23 through MW-26, and MW-27 (if water present)) along with these proposed wells will be monitored (gauged and sampled) during the two semi-annual monitoring events in 2015 (refer to Attachment 1).

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Please do not hesitate to call myself at 713-734-3090 or Luke Welch with Chevron at 713-372-0292, should you have any questions. We appreciate your response at your earliest convenience.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Nancy Forster
Project Manager

NF/al/1

cc: Luke Welch, CEMC

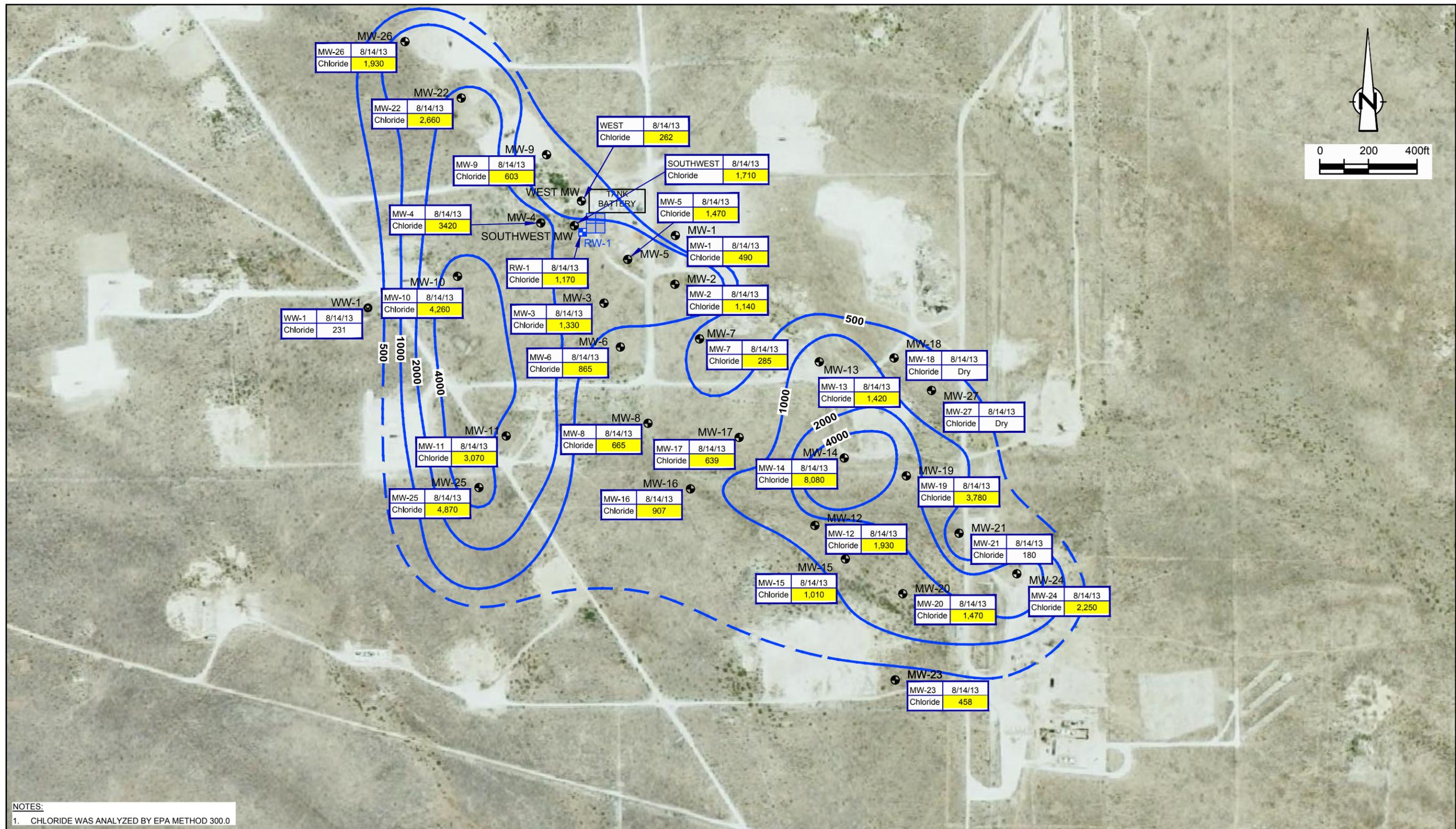


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ATTACHMENT 1

CHLORIDE ISOCONCENTRATION MAP – AUGUST 2013

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NOTES:
1. CHLORIDE WAS ANALYZED BY EPA METHOD 300.0

RE: ESRI 009 Aerial Photograph.

LEGEND

- MONITOR WELL LOCATION
- RECOVERY WELL LOCATION
- WATER WELL LOCATION
- GROUNDWATER RECOVERY SYSTEM

CHLORIDE CONCENTRATION CONTOUR (MG/L)
NS NOT SAMPLED

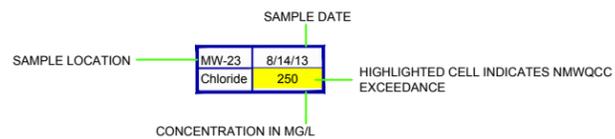


figure 7
CHLORIDE ISOCONCENTRATION MAP - AUGUST 2013
G.L. ERWIN "A&B" FEDERAL NCT-2 TANK BATTERY
LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company