

Bratcher, Mike, EMNRD

From: Cheryl Winkler [cmwink@me.com]
Sent: Tuesday, January 18, 2011 2:20 PM
To: Bratcher, Mike, EMNRD
Cc: tbrandt@mar-win.com
Subject: Dublin 23 Federal No. 1 Photos
Attachments: IMG_5726.JPG; IMG_5942.JPG; IMG_5940.JPG; IMG_5939.JPG; ATT00001.txt

Mike,

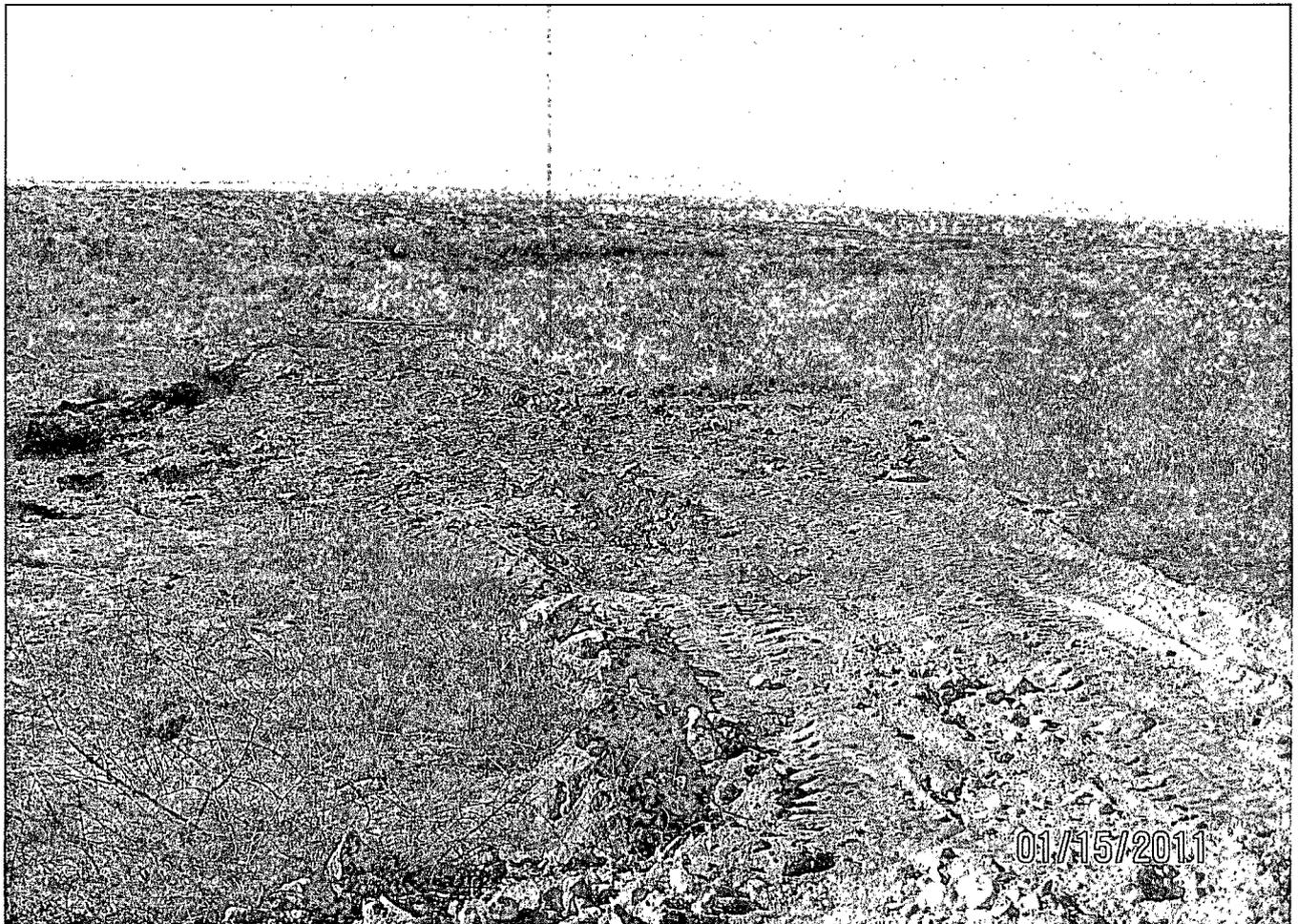
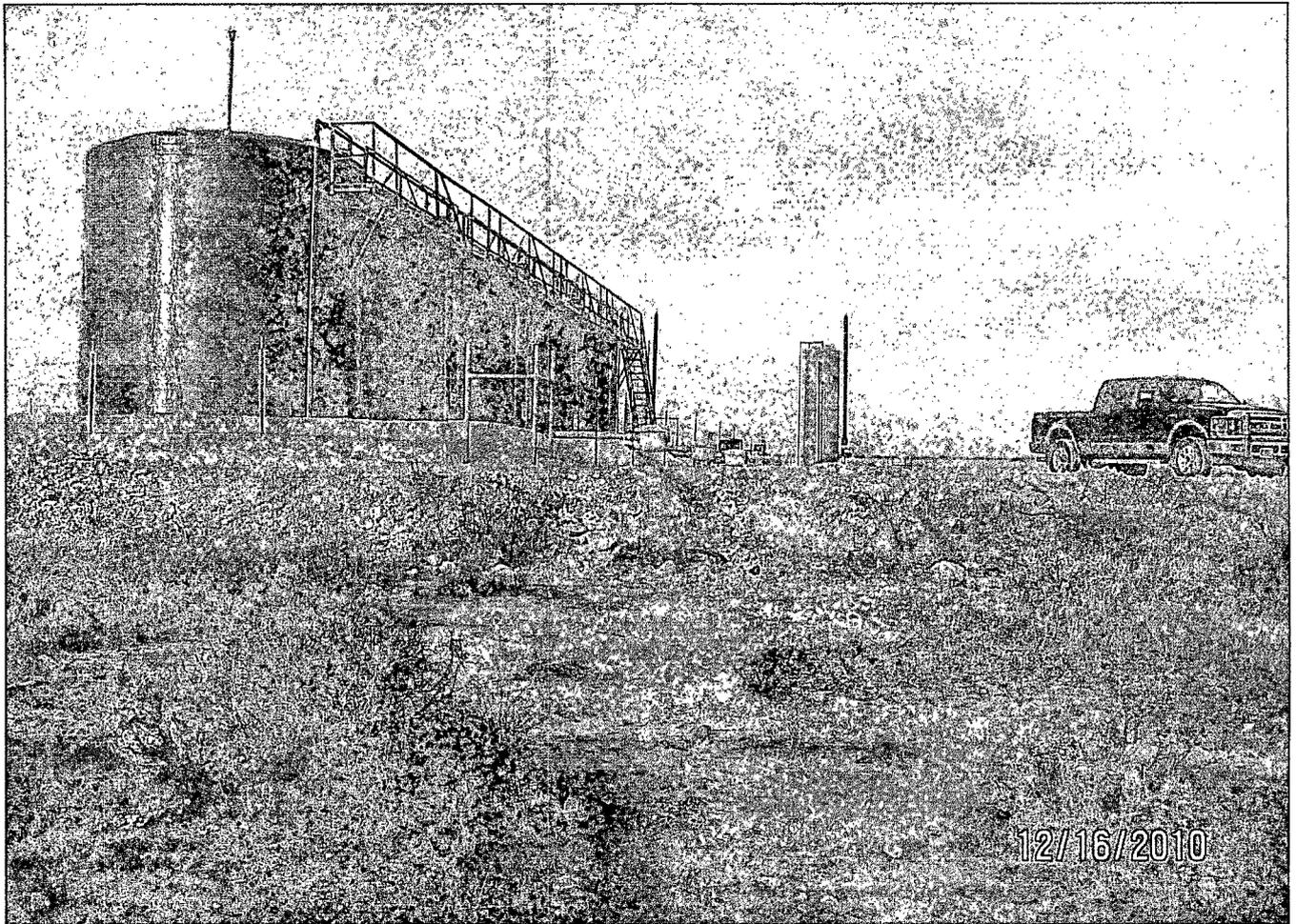
These photos were taken following the last excavation. It is extremely rocky. It may look like there is a lot of soil but we are on a solid rock cap and beneath the river rock in the area. One can see the ratio of rock to available soil which is only a paucity compared to the surface area which is occupied by the rock. Therefore, the soil chloride numbers are skewed completely because there is a small amount of soil absorbing the salt which makes it appear "hotter". The whitish dust seen in the foreground is caliche dust generated by the pad; transported by precipitous events (such as rainfall) and/or wind erosion - a "constant player" in the deserts of New Mexico. The effected area is small, approximately 120' x 30' at its widest point.

Anyway, it is also 400 feet to groundwater which was verified during drilling. Just thoughts but this way you have a visual, Mike.

I also included a photo of the discharge before excavation which will provide some orientation.

Thank so much. Speak with you soon!

Cheryl





Bratcher, Mike, EMNRD

From: Cheryl Winkler [cmwink@me.com]
Sent: Tuesday, January 18, 2011 9:41 AM
To: Bratcher, Mike, EMNRD
Subject: Dublin 23 Federal No. 1 Analyticals
Attachments: Dublin 23 Fed. No. 1 Post 2nd Excavation.pdf; Dublin 23 No. 1 Spill Initial Summary.pdf

Here it is, Mike. See if this works. Thank you, Cheryl

Summary Report

Cheryl Winkler
Marshall & Winston Inc.
P.O. Box 50880
Midland, Tx 79710

Report Date: January 17, 2011

Work Order: 11011714



Project Name: Dublin Federal 23 No. 1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
255369	By Tank Battery @ 12"	soil	2011-01-14	08:30	2011-01-15
255370	Discharge Middle Area @ 12"	soil	2011-01-14	08:45	2011-01-15
255371	End of Discharge Area @ 12"	soil	2011-01-14	08:55	2011-01-15
255372	SE Leg of Discharge @ 12"	soil	2011-01-14	09:15	2011-01-15

Sample: 255369 - By Tank Battery @ 12"

Param	Flag	Result	Units	RL
Chloride		3640	mg/Kg	2.50

Sample: 255370 - Discharge Middle Area @ 12"

Param	Flag	Result	Units	RL
Chloride		5450	mg/Kg	2.50

Sample: 255371 - End of Discharge Area @ 12"

Param	Flag	Result	Units	RL
Chloride		4540	mg/Kg	2.50

Sample: 255372 - SE Leg of Discharge @ 12"

Param	Flag	Result	Units	RL
Chloride		1640	mg/Kg	2.50

Summary Report

Tom Brandt
Marshall & Winston Inc.
P.O. Box 50880
Midland, Tx 79710

Report Date: January 13, 2011

Work Order: 11011310



Project Name: Dublin 23 Fed. No. 1 Discharge
Project Number: Unauthorized Discharge

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
255168	By Tank Battery @ 8"	soil	2011-01-11	13:00	2011-01-13
255169	Discharge Middle Area @ 8"	soil	2011-01-11	13:20	2011-01-13
255170	Discharge @ End @ 8"	soil	2011-01-11	13:45	2011-01-13
255171	Top 4"	soil	2011-01-11	14:02	2011-01-13

Sample: 255168 - By Tank Battery @ 8"

Param	Flag	Result	Units	RL
Chloride		2590	mg/Kg	2.50

Sample: 255169 - Discharge Middle Area @ 8"

Param	Flag	Result	Units	RL
Chloride		4040	mg/Kg	2.50

Sample: 255170 - Discharge @ End @ 8"

Param	Flag	Result	Units	RL
Chloride		3590	mg/Kg	2.50

Sample: 255171 - Top 4"

Param	Flag	Result	Units	RL
Chloride		80000	mg/Kg	2.50
