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Report Date: September 11, 2012

Work Order: 12083004

Page Number: 1 of 3

Summary Report

Joel Martin
Nadel & Gussman Permian LLC
600 N. Marienfeld
Suite 508
Midland, TX 79701

Report Date: September 11, 2012

Work Order: 12083004



Project Name: Loco Ocho State #1
Project Number: Pad and Pit Closure

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
308156	Pit @ 1'	soil	2012-08-28	08:00	2012-08-30
308157	Pit @ 2'	soil	2012-08-28	08:20	2012-08-30
308158	Pit NW Area	soil	2012-08-29	09:00	2012-08-30
308159	Pit SE Area	soil	2012-08-29	10:00	2012-08-30
308160	NE Battery Comp.	soil	2012-08-29	10:10	2012-08-30
308161	SW Battery Comp.	soil	2012-08-29	10:15	2012-08-30
308162	Brown Spots	soil	2012-08-29	10:40	2012-08-30
308163	Background	soil	2012-08-29	10:50	2012-08-30
308313	Pad NW	soil	2012-08-30	15:20	2012-08-30
308314	Pad SE	soil	2012-08-30	15:40	2012-08-30
308315	Pit N Boundary	soil	2012-08-30	15:55	2012-08-30

Sample - Field Code	BTEX				MTBE MTBE (mg/Kg)	TPH DRO - NEW DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)			
308156 - Pit @ 1'	1.22	25.4	57.3	154		4040 Q ₃	4920 Q ₃
308157 - Pit @ 2'	<0.100 ¹	0.867	1.87	7.10		2170 Q ₃	568 Q ₃
308158 - Pit NW Area	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r
308159 - Pit SE Area	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r
308160 - NE Battery Comp.	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r
308161 - SW Battery Comp.	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r
308162 - Brown Spots	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q ₃
308313 - Pad NW	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r
308314 - Pad SE	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r
308315 - Pit N Boundary	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r	<0.0200 Q _r		<50.0 Q ₃	<4.00 Q _r

Sample: 308156 - Pit @ 1'

¹Sample dilution due to hydrocarbons.

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Param	Flag	Result	Units	RL
Chloride		13000	mg/Kg	4

Sample: 308157 - Pit @ 2'

Param	Flag	Result	Units	RL
Chloride		10400	mg/Kg	4

Sample: 308158 - Pit NW Area

Param	Flag	Result	Units	RL
Chloride		372	mg/Kg	4

Sample: 308159 - Pit SE Area

Param	Flag	Result	Units	RL
Chloride		223	mg/Kg	4

Sample: 308160 - NE Battery Comp.

Param	Flag	Result	Units	RL
Chloride		273	mg/Kg	4

Sample: 308161 - SW Battery Comp.

Param	Flag	Result	Units	RL
Chloride		335	mg/Kg	4

Sample: 308162 - Brown Spots

Param	Flag	Result	Units	RL
Chloride		74.5	mg/Kg	4

Sample: 308163 - Background

Param	Flag	Result	Units	RL
Chloride		<20.0	mg/Kg	4

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Sample: 308313 - Pad NW

Param	Flag	Result	Units	RL
Chloride		811	mg/Kg	4

Sample: 308314 - Pad SE

Param	Flag	Result	Units	RL
Chloride		861	mg/Kg	4

Sample: 308315 - Pit N Boundary

Param	Flag	Result	Units	RL
Chloride		817	mg/Kg	4

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Report Date: April 5, 2011

Work Order: 11032803

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Summary Report

Nadel & Gussman Permian LLC
600 N. Marienfeld
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Midland, TX 79701

Report Date: April 5, 2011

Work Order: 11032803



Project Location: Drilling Pad Closure - P & A
Project Name: Loco Ocho State No. 1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
261823	Drilling Pad Closure - SE Area	soil	2011-03-18	13:00	2011-03-25
261824	Drilling Pad Closure - SW Area	soil	2011-03-18	13:20	2011-03-25
261825	Drilling Pad Closure - NE Area	soil	2011-03-18	13:45	2011-03-25
261826	Drilling Pad Closure - NW Area	soil	2011-03-18	14:00	2011-03-25
261827	Drilling Pad Closure - Wellhead Area	soil	2011-03-18	14:10	2011-03-25
261828	Drilling Pad Closure - Background	soil	2011-03-18	14:25	2011-03-25

Sample - Field Code	BTEX				MTBE	TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
261823 - Drilling Pad Closure - SE Area	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
261824 - Drilling Pad Closure - SW Area	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
261825 - Drilling Pad Closure - NE Area	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
261826 - Drilling Pad Closure - NW Area	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
261827 - Drilling Pad Closure - Wellhead Area	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
261828 - Drilling Pad Closure - Background	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00

Sample: 261823 - Drilling Pad Closure - SE Area

Param	Flag	Result	Units	RL
Chloride		38.5	mg/Kg	2.50

Sample: 261824 - Drilling Pad Closure - SW Area

Param	Flag	Result	Units	RL
Chloride		38.5	mg/Kg	2.50

Sample: 261825 - Drilling Pad Closure - NE Area

Param	Flag	Result	Units	RL
Chloride		38.5	mg/Kg	2.50

Sample: 261826 - Drilling Pad Closure - NW Area

Param	Flag	Result	Units	RL
Chloride		2450	mg/Kg	2.50

Sample: 261827 - Drilling Pad Closure - Wellhead Area

Param	Flag	Result	Units	RL
Chloride		721	mg/Kg	2.50

Sample: 261828 - Drilling Pad Closure - Background

Param	Flag	Result	Units	RL
Chloride		<2.50	mg/Kg	2.50

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Report Date: July 25, 2012

Work Order: 12071124

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Summary Report

Zach Hernandez
Nadel & Gussman Permian LLC
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Report Date: July 25, 2012

Work Order: 12071124



Project Location: Drilling Pad Closure - P & A
Project Name: Loco Ocho State No. 1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
303336	Pad NW Area @ 1'	soil	2012-07-11	08:30	2012-07-11
303337	Rectangular Tank Battery @ 2'	soil	2012-07-11	09:10	2012-07-11
303338	Tank Battery @ 4'	soil	2012-07-11	09:20	2012-07-11
303339	Pit East @ 6 in.	soil	2012-07-11	09:40	2012-07-11

Sample - Field Code	BTEx				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
303336 - Pad NW Area @ 1'	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	<2.00
303337 - Rectangular Tank Battery @ 2'	<0.100	<0.100	0.277	0.195	2330	87.7
303338 - Tank Battery @ 4'	<0.0200	<0.0200	0.0845	0.0776	310	108
303339 - Pit East @ 6 in.	<0.0200	<0.0200	<0.0200	<0.0200	<50.0	2.96

Sample: 303336 - Pad NW Area @ 1'

Param	Flag	Result	Units	RL
Chloride		87.9	mg/Kg	4

Sample: 303337 - Rectangular Tank Battery @ 2'

Param	Flag	Result	Units	RL
Chloride		11500	mg/Kg	4

Sample: 303338 - Tank Battery @ 4'

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This is only a summary. Please, refer to the complete report package for quality control data.

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Param	Flag	Result	Units	RL
Chloride		732	mg/Kg	4

Sample: 303339 - Pit East @ 6 in.

Param	Flag	Result	Units	RL
Chloride		26000	mg/Kg	4
