**RECEIVED** By Kellie Jones at 10:42 am, Oct 13, 2015

3302 122nd Street Lubbock, Texas 79423 Mailing Address: P.O. Box 53427 Lubbock, Texas 79453 Phone: 806-771-8033 Fax: 806-687-6926 www.bcccorp.com

**BIOREMEDIATION CONTRACTORS & CONSULTANTS** A \*\*\* Land Reclamation Weed Control



Marshall & Winston, Inc. Klein 16 State 2H Tank Battery *Oil & Produced Water Spill* Affected Area – 19,200 sq. ft. / .44 acre GPS Coordinates: N32.66616 W103.45495

**Corrective Action Summary – September 23, 2015** 

On September 23, 2015, BCC, Inc. consulted with and directed a third party excavation contractor on further vertical delineation of the Klein 16 State 2H Tank Battery spill site. Additional soil excavation was performed in the '1A' and '1B' areas down to three feet from surface where on-site field testing revealed that no contaminants remained in the soil. The excavated material was placed on an impermeable plastic liner where it will be picked up and disposed of at an off-site permitted facility. Three representative soil samples were pulled from the excavated areas and taken to a certified laboratory for analysis. The TPH and chloride analysis revealed that the regulatory thresholds were met with this latest corrective action taken. The excavated areas will now be backfilled with clean soil and packed with a layer of fresh caliche in order to complete the final phase of this project.

Paul Porter Vice President BCC, Inc.

# **Summary Report**

Paul Porter BCC, Inc.-Lubbock 3302 122nd St P.O. Box 53427 Lubbock, TX 79453

Report Date: September 29, 2015

Work Order: 15092505

Project Location:	Klein 16 State 2H Tank Battery
Project Name:	Marshall & Winston, Inc.

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
405174	Sample 2A	soil	2015-09-23	15:00	2015-09-25
405175	Sample 2B	soil	2015-09-23	15:15	2015-09-25
405176	Sample 2C	soil	2015-09-23	15:30	2015-09-25

		]	BTEX	MTBE	TPH DRO	TPH GRO	
	Benzene	enzene Toluene Ethylbenzene Xylene				DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
405174 - Sample 2A	< 0.0200	< 0.0200	< 0.0200	< 0.0200		<50.0	<4.00
405175 - Sample 2B	< 0.0200	< 0.0200	< 0.0200	< 0.0200		<50.0	<4.00
405176 - Sample 2C	< 0.0200	< 0.0200	< 0.0200	< 0.0200		<50.0	<4.00

#### Sample: 405174 - Sample 2A

Param	Flag	Result	Units	$\operatorname{RL}$
Chloride		<50.0	mg/Kg	50

#### Sample: 405175 - Sample 2B

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	50

#### Sample: 405176 - Sample 2C

continued ...

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Report Date: Sept	tember 29, 2015	Work Order: 15092505	Pago	e Number: 2 of 2
sample 405176 con	ntinued			
Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	50

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## State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa re, INIVI 07505							
Release	Notification	and	Corrective	Action			

						OPERA:	FOR		Initia	al Report	X	Final Re	port
Name of Company Marshall & Winston, Inc.					(	Contact ]	Codd Passmo	ore					
	Address P. O. Box 50880, Midland, TX 79710					[ relephone ]	No. 432-684-	-6373	or 432	2-894-0	165		
Facility Nar	ne Klei	in 16 St	• #2H		I	Facility Typ	e Well Loc	ation	& Bat	tery			
Surface Ow		a Faye l		Mineral C	wner	<u>State of</u>	E New Mexic	:0	API No	30-02	<u>5–408</u>	352	
	c/c	George	L. K1	ein LOCA	TION	OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/We	est Line	County			
A	16	195	35E	660	No	rth	250	Ea	st		Lea		
			La	titude <u>32.66</u>	55896	_ Longitud	le <u>103.4541</u>	.41					
	NATURE OF RELEASE												
Type of Relea	ase Of	11 & Wate	er			Volume of	Release 45 b	bls [	Volume F	Recovered	40 b	bls	
Source of Rel	lease He	ater Tre	eater			Date and H	lour of Occurrenc	e	Date and	Hour of Dis	covery		
Was Immedia	ate Notice C	Given?				If YES, To	Whom?	08/	12/15		08/	12/15	2PM
		X	Yes 🗌	] No 🔲 Not Re	equired	Ian	Dolly						
By Whom?	Travi	s Flemmo	ons			Date and H		2/15	3:30 E	M			
Was a Water						If YES, Vo	olume Impacting t						
			Yes 🕅	X No									
If a Watercou	irse was Im	pacted, Descr	ibe Fully.'	k									
Describe Cau	se of Proble	em and Reme	dial Actio	n Taken *									
				tube in the	e heat	ter trea	iter.						
1				fluid with									
	*		0										

### Describe Area Affected and Cleanup Action Taken.\* Caliche around heater treater on well location.

See attachments for corrective action taken.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Tu	OIL CONSER	VATION I	DIVISION	
Signature: 1. M Chammed				
Printed Name: Todd Passmore	Approved by Environmental Specialist:			
Title: Operations Manager	Approval Date:	Expiration D	ate:	
E-mail Address: tpassmore@mar-win.com	Conditions of Approval:		Attached 🗌	
Date: 10/06/2015 Phone: 432-684-6373				

\* Attach Additional Sheets If Necessary