

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

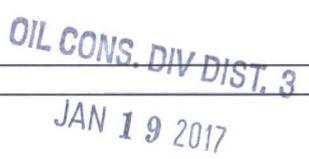
Name of Company: XTO Energy, Inc.	Contact: Logan Hixon	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683	
Facility Name: Bell Federal 12-1	Facility Type: Gas Well	
Surface Owner: Federal Land	Mineral Owner	API No. 30-045-30339

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	12	30 N	13W	895	FNL	2460	FEL	San Juan

Latitude: N36*.83222 Longitude: W-108*.15558

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: Unknown
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: December 20, 2016
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

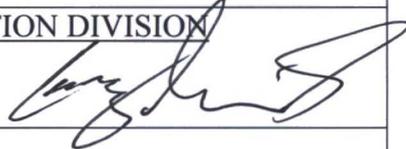
Describe Cause of Problem and Remedial Action Taken.*

The below grade tank was taken out of service at the Bell Federal 12-1 well site due to upgrades made to the site. A composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 8015 (C6-C40), Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for Benzene, Total BTEX and the TPH, but above the 'pit rule' standards for Chlorides, confirming that a release has occurred at this location. The site was then ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 20 due to an estimated depth of ground water less than 100 feet but greater than 51 feet, and distance to a water way less than 1,000 feet but greater than 200 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.*

Based on chloride results of 513 ppm a release has been confirmed at this location. The BGT closure composite sample returned results below the regulatory standards determined for this site pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. All applicable analytical results are attached for your reference. No further action is required.

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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Logan Hixon	Approved by Environmental Specialist: 	
Title: EHS Coordinator	Approval Date: 2/8/17	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: 1-11-17	Phone: 505-333-3683	

* Attach Additional Sheets If Necessary

#NLS 170 31300 34

14

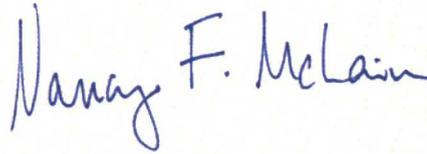
December 28, 2016

XTO Energy - San Juan Division

Sample Delivery Group: L880227
Samples Received: 12/20/2016
Project Number:
Description: Bell Federal 12-1

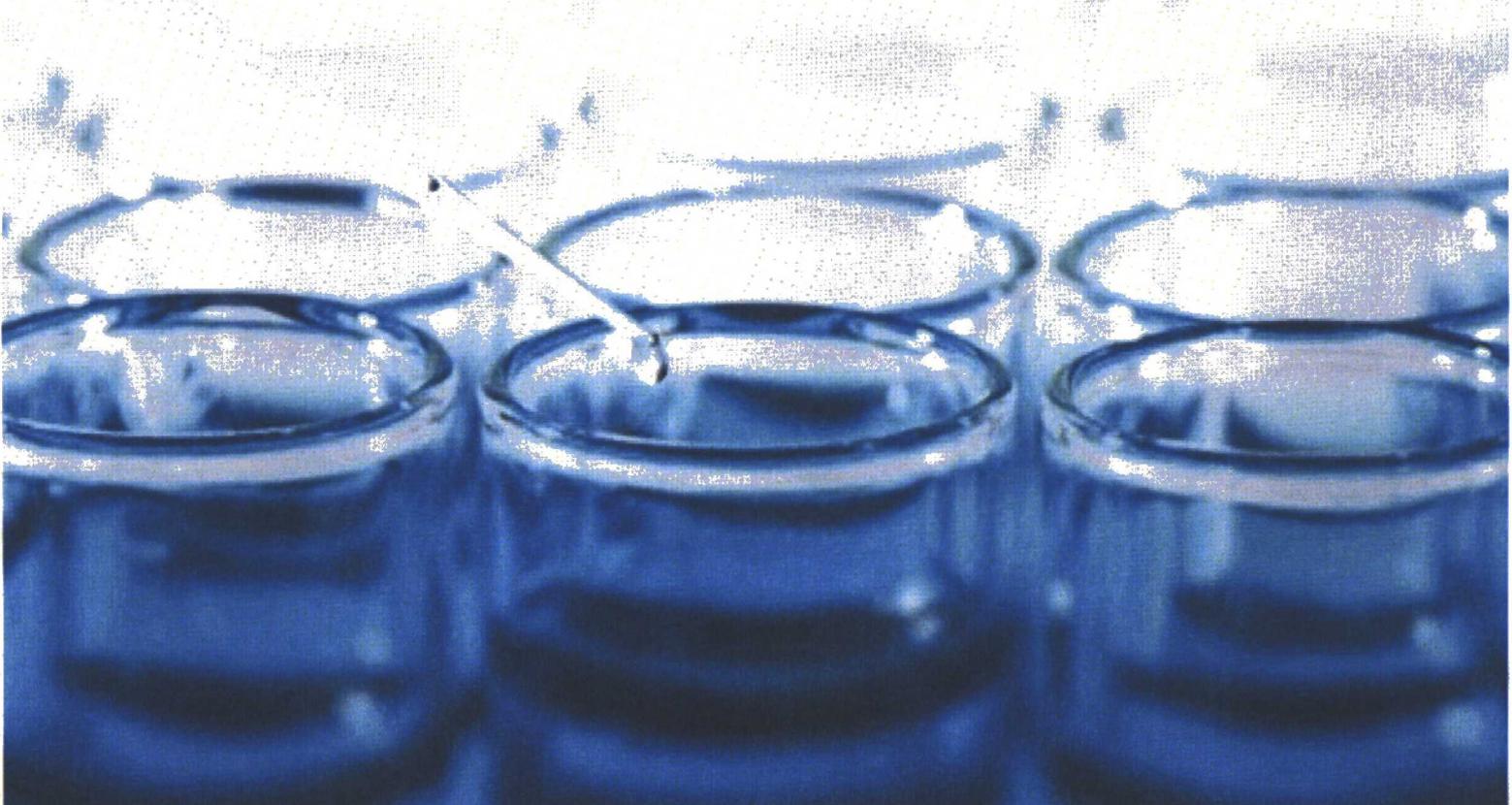
Report To: James McDaniel
382 County Road 3100
Aztec, NM 87410

Entire Report Reviewed By:



Nancy McLain
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.





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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

BGT COMPOSITE L880227-01 Solid

Collected by
Logan H

Collected date/time
12/20/16 09:30

Received date/time
12/20/16 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi-Volatile Organic Compounds (GC) by Method 8015	WG939008	1	12/27/16 22:36	12/28/16 10:29	DMG
Total Solids by Method 2540 G-2011	WG937794	1	12/22/16 09:20	12/22/16 09:32	KDW
Volatile Organic Compounds (GC) by Method 8015/8021	WG938558	1	12/22/16 13:23	12/25/16 01:52	JAH
Wet Chemistry by Method 9056A	WG937592	1	12/22/16 10:15	12/23/16 00:32	KCF

- 1 Cp
- 2 Tc
- 4 Cr
- 5 Sr
- 5 Qc
- 7 GI
- 8 Al
- 9 Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Nancy McLain
Technical Service Representative

1 Cf

2 Tc

3 Ss

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	80.7		1	12/22/2016 09:32	WG937794

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	513		12.4	1	12/23/2016 00:32	WG937592

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.0141		0.000619	1	12/25/2016 01:52	WG938558
Toluene	0.0372		0.00619	1	12/25/2016 01:52	WG938558
Ethylbenzene	0.00275		0.000619	1	12/25/2016 01:52	WG938558
Total Xylene	0.0103		0.00186	1	12/25/2016 01:52	WG938558
TPH (GC/FID) Low Fraction	0.238		0.124	1	12/25/2016 01:52	WG938558
(S) a,a,a-Trifluorotoluene(FID)	95.1		59.0-128		12/25/2016 01:52	WG938558
(S) a,a,a-Trifluorotoluene(PID)	100		54.0-144		12/25/2016 01:52	WG938558

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	ND		4.95	1	12/28/2016 10:29	WG939008
C28-C40 Oil Range	ND		4.95	1	12/28/2016 10:29	WG939008
(S) o-Terphenyl	72.4		50.0-150		12/28/2016 10:29	WG939008

1 Cp
2 Tc
3 Ss
4 Cr
5 Qc
7 GI
8 AI
9 Sc



Method Blank (MB)

(MB) R3186868-1 12/22/16 09:32

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

L880227-01 Original Sample (OS) • Duplicate (DUP)

(OS) L880227-01 12/22/16 09:32 • (DUP) R3186868-3 12/22/16 09:32

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	80.7	81.4	1	0.774		5

Laboratory Control Sample (LCS)

(LCS) R3186868-2 12/22/16 09:32

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Cp

Tc

Ss

Cr

Sr

Gl

Al

Sc

Method Blank (MB)

(MB) R3186916-1 12/22/16 12:28

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	1.2	J	0.795	10.0

L879795-22 Original Sample (OS) • Duplicate (DUP)

(OS) L879795-22 12/22/16 16:31 • (DUP) R3186916-4 12/22/16 16:51

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	45.4	3.94	1	168	J P1	15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

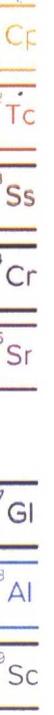
(LCS) R3186916-2 12/22/16 12:49 • (LCSD) R3186916-3 12/22/16 13:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloride	200	194	194	97	97	80-120			0	15

L879795-28 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L879795-28 12/22/16 21:02 • (MS) R3186916-6 12/22/16 21:23 • (MSD) R3186916-7 12/22/16 21:44

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	43.9	514	493	94	90	1	80-120			4	15





Method Blank (MB)

(MB) R3187426-5 12/24/16 17:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000297	J	0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID) 97.4				59.0-128
(S) a,a,a-Trifluorotoluene(PID) 103				54.0-144

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

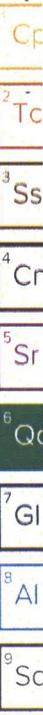
(LCS) R3187426-1 12/24/16 16:03 • (LCSD) R3187426-2 12/24/16 16:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0483	0.0487	96.5	97.3	70.0-130			0.810	20
Toluene	0.0500	0.0503	0.0490	101	98.0	70.0-130			2.71	20
Ethylbenzene	0.0500	0.0522	0.0510	104	102	70.0-130			2.50	20
Total Xylene	0.150	0.159	0.154	106	103	70.0-130			2.93	20
(S) a,a,a-Trifluorotoluene(FID)				97.9	97.6	59.0-128				
(S) a,a,a-Trifluorotoluene(PID)				102	101	54.0-144				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3187426-3 12/24/16 16:47 • (LCSD) R3187426-4 12/24/16 17:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	6.25	6.40	114	116	63.5-137			2.42	20
(S) a,a,a-Trifluorotoluene(FID)				102	102	59.0-128				
(S) a,a,a-Trifluorotoluene(PID)				111	112	54.0-144				



Method Blank (MB)

(MB) R3187632-1 12/28/16 08:53

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	99.0			50.0-150

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

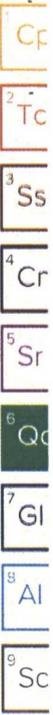
(LCS) R3187632-2 12/28/16 09:07 • (LCSD) R3187632-3 12/28/16 09:21

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
C10-C28 Diesel Range	60.0	46.4	45.7	77.4	76.1	50.0-150			1.67	20
(S) o-Terphenyl				102	103	50.0-150				

L880464-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L880464-02 12/28/16 10:57 • (MS) R3187632-4 12/28/16 11:10 • (MSD) R3187632-5 12/28/16 11:24

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	60.0	ND	44.4	46.3	73.9	77.1	1	50.0-150			4.19	20
(S) o-Terphenyl					91.4	95.7		50.0-150				





Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

¹ Cf

² Tc

³ Ss

⁴ Cr

⁵ Sr

⁶ Qc

⁸ Al

⁹ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey--NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio--VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

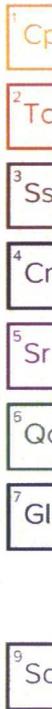
Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{na} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**





L · A · B S · C · I · E · N · C · E · S

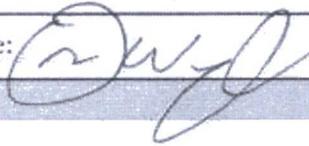
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: _____ SDG# L880227

Cooler Received/Opened On: 12/21 /16 Temperature Upon Receipt: 3.1 °C

Received By: **Don Wright**

Signature: 

Receipt Check List			
	Yes	No	N/A
Were custody seals on outside of cooler and intact?			/
Were custody papers properly filled out?	/		
Did all bottles arrive in good condition?	/		
Were correct bottles used for the analyses requested?	/		
Was sufficient amount of sample sent in each bottle?	/		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			/
If applicable, was an observable VOA headspace present?			/
Non Conformance Generated. (If yes see attached NCF)			