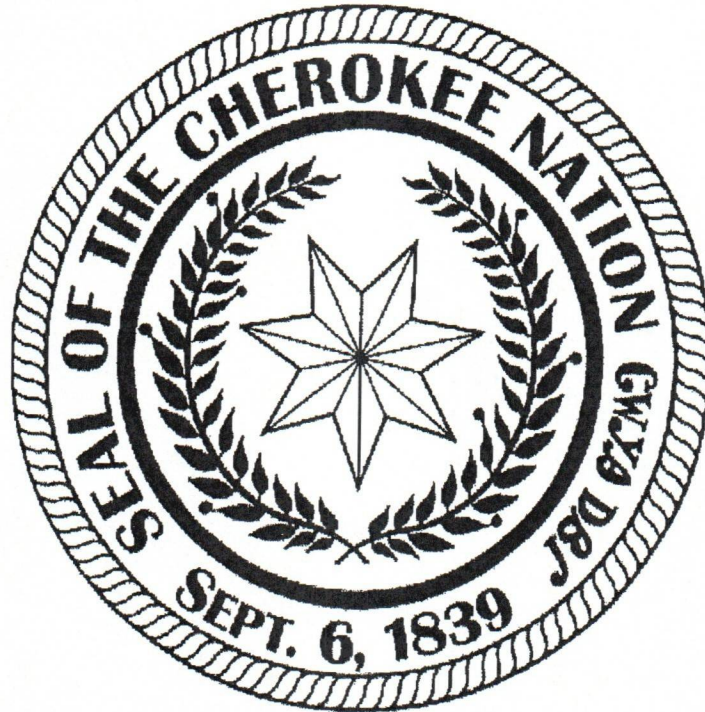


CHEROKEE NATION
Environmental Programs



Lead-Based Paint Inspection Report

PARTICIPANT: #18345

PREPARED BY: NICK CLARK, ENVIRONMENTAL SPECIALIST I

REQUESTED BY: CHEROKEE NATION HOUSING REHABILITATION (HUD) -
GEORGE HUBBARD

I. GENERAL INFORMATION

DATE OF INSPECTION: July 17, 2015

PARTICIPANT INFO:

Phone: 918-333-9683
Address: 4106 Bonnie Lee Lane Bartlesville, OK 74006
Latitude: N36.75650 Longitude: W95.93181
Home constructed in 1930

EQUIPMENT INFORMATION

X-Ray Fluorescence (XRF) Analyzer
Manufacturer: Thermo Scientific
Model #: XI.p-306A
Serial Number: 26522
Radioactive Source: Cadmium 109
Sourced Date: 11/3/2011

INSPECTOR INFORMATION

Nick Clark, Environmental Specialist I
Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5000 ext.7607
Oklahoma Inspector/Risk Assessor, OKRASR13777
Cherokee Nation Inspector/Risk Assessor, CNRASR00036

Cherokee Nation Environmental Programs
PO Box 948, Tahlequah, OK 74465
(918) 453-5009
Oklahoma Firm: OKFIRM11198
Cherokee Nation Firm: CNFIRM00001

This residence has tested positive for lead-based paint. A risk assessment must be completed before and rehab work is started.

Inspector

Signature: _____

Nick Clark

Date: _____

7/27/15

2. SUMMARY

A lead based paint inspection was conducted at the Ruth Nash site on July 17, 2015 as requested by the Cherokee Nation Housing Rehabilitation Department. The inspection **confirmed the presence of lead** in amounts greater than or equal to 1.0 mg/cm² in paint, using the inspection protocol in Chapter 7 of the HUD Guidelines for the Evaluation of Control of Lead-Based Paint Hazards in Housing (1997). The locations that tested positive for lead are shown in Attachment A (Results). Locations that were not tested with XRF and are assumed to be positive are:

- 1) N/A

DISCLOSURE

A copy of this report or a summary of this report must be provided to new lessees (tenants) and purchasers of the property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the US Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.

PROTOCOL

The testing protocol used to perform this testing is based on the HUD guidelines of 1997 titled: Guidelines for the evaluation of Lead-Based Paint Hazards in Housing.

Perimeter wall sides are identified with the letters A, B, C, and D. Side A for single-family housing is the street address side or the front of the house for rural areas. Side B, C, and D are identified clockwise from side A as one faces the dwelling; thus Wall B is to the left. Wall C is across from Side A, and Side D is to the right of Side A.

Sides in an interior room equivalent follow the overall housing unit side allocation. Therefore when standing in any four sided room facing Side C, the room's Side A will always be to the rear, Side B will be to the left, and Side D will be to the right.

After doing a walk through inspection of the residence to be tested based upon room number, building component types, the residence was tested based upon room number, building component, substrate, and color and condition of painted surfaces. The attached Lead-Based Paint Data Sheet gives the final results as being either positive or negative.

Time	Type	Units	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE ROOM	Results	PbC	PbC Error
7/17/2015 10:49	ShutterCal	cps								
7/17/2015 10:57	Paint	mg / cm ^2							0.95	0
7/17/2015 10:57	Paint	mg / cm ^2						Positive	1.2	0.1
7/17/2015 10:59	Paint	mg / cm ^2						Positive	1.2	0.1
7/17/2015 11:01	Paint	mg / cm ^2						Positive	1.1	0.1
7/17/2015 11:01	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	OFFICE	Negative	< LOD	0.03
7/17/2015 11:02	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	OFFICE	Negative	< LOD	0.03
7/17/2015 11:02	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	OFFICE	Negative	< LOD	0.03
7/17/2015 11:03	Paint	mg / cm ^2	Wall	WOOD	D	White	OFFICE	Negative	< LOD	0.03
7/17/2015 11:04	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	OFFICE	Negative	< LOD	0.03
7/17/2015 11:06	Paint	mg / cm ^2	Door	METAL	A	White	OFFICE	Negative	< LOD	0.03
7/17/2015 11:06	Paint	mg / cm ^2	Door Trim	WOOD	A	White	OFFICE	Negative	< LOD	0.12
7/17/2015 11:06	Paint	mg / cm ^2	W Sill	WOOD	D	White	OFFICE	Negative	< LOD	0.08
7/17/2015 11:07	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	LIVING ROOM	Negative	< LOD	0.1
7/17/2015 11:08	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	LIVING ROOM	Negative	< LOD	0.03
7/17/2015 11:08	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	LIVING ROOM	Negative	0.16	0.09
7/17/2015 11:09	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	LIVING ROOM	Negative	< LOD	0.03
7/17/2015 11:10	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	LIVING ROOM	Negative	< LOD	0.04
7/17/2015 11:10	Paint	mg / cm ^2	Trim Upper	WOOD	B	White	LIVING ROOM	Negative	< LOD	0.03
7/17/2015 11:12	Paint	mg / cm ^2	W Sill	WOOD	A	White	LIVING ROOM	Negative	< LOD	0.07
7/17/2015 11:13	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	DINING	Negative	0.07	0.04
7/17/2015 11:13	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	DINING	Negative	< LOD	0.1
7/17/2015 11:14	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	DINING	Negative	< LOD	0.09
7/17/2015 11:16	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	DINING	Negative	< LOD	0.05
7/17/2015 11:17	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	DINING	Negative	< LOD	0.03
7/17/2015 11:17	Paint	mg / cm ^2	Door	WOOD	B	White	DINING	Positive	< LOD	11.1
7/17/2015 11:17	Paint	mg / cm ^2	Door Trim	WOOD	B	White	DINING	Positive	7.3	4.2
7/17/2015 11:18	Paint	mg / cm ^2	W Sill	WOOD	A	White	DINING	Negative	< LOD	0.14
7/17/2015 11:20	Paint	mg / cm ^2	Wall	WOOD	A	Tan	KITCHEN	Negative	0.18	0.06
7/17/2015 11:20	Paint	mg / cm ^2	Wall	WOOD	B	Brown	KITCHEN	Negative	< LOD	0.03
7/17/2015 11:21	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	KITCHEN	Negative	< LOD	0.03
7/17/2015 11:21	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	KITCHEN	Positive	2.4	1.2
7/17/2015 11:22	Paint	mg / cm ^2	Door Casing	WOOD	D	White	KITCHEN	Negative	< LOD	0.4
7/17/2015 11:23	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	KITCHEN	Positive	1.7	0.7

7/17/2015 11:23	Paint	mg / cm ^2	W Sill	WOOD	A	Brown	KITCHEN	Negative	< LOD	0.03
7/17/2015 11:24	Paint	mg / cm ^2	Cabinet Door	WOOD	A	Brown	KITCHEN	Negative	< LOD	0.03
7/17/2015 11:24	Paint	mg / cm ^2	Cabinet Frame	WOOD	A	Brown	KITCHEN	Negative	< LOD	0.03
7/17/2015 11:24	Paint	mg / cm ^2	Cabinet Shelf	WOOD	A	Brown	KITCHEN	Negative	< LOD	0.03
7/17/2015 11:26	Paint	mg / cm ^2	Wall	WOOD	A	Tan	LAUNDRY	Negative	< LOD	0.09
7/17/2015 11:26	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	LAUNDRY	Negative	< LOD	0.03
7/17/2015 11:27	Paint	mg / cm ^2	Wall	WOOD	C	Tan	LAUNDRY	Negative	< LOD	0.22
7/17/2015 11:27	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	LAUNDRY	Negative	< LOD	0.07
7/17/2015 11:28	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	Tan	LAUNDRY	Positive	3.4	2.2
7/17/2015 11:29	Paint	mg / cm ^2	Door	METAL	A	White	LAUNDRY	Negative	< LOD	0.03
7/17/2015 11:30	Paint	mg / cm ^2	Door Casing	WOOD	A	White	LAUNDRY	Negative	< LOD	0.09
7/17/2015 11:30	Paint	mg / cm ^2	Cabinet Door	WOOD	C	Tan	LAUNDRY	Negative	< LOD	0.07
7/17/2015 11:31	Paint	mg / cm ^2	Cabinet Frame	WOOD	C	Tan	LAUNDRY	Negative	< LOD	0.31
7/17/2015 11:31	Paint	mg / cm ^2	Cabinet Shelf	WOOD	C	Tan	LAUNDRY	Negative	< LOD	0.32
7/17/2015 11:32	Paint	mg / cm ^2	W Sill	WOOD	B	Tan	LAUNDRY	Negative	< LOD	0.08
7/17/2015 11:33	Paint	mg / cm ^2	Wall	DRYWALL	A	White	BATH 1	Negative	< LOD	0.15
7/17/2015 11:34	Paint	mg / cm ^2	Wall	DRYWALL	B	White	BATH 1	Negative	< LOD	0.07
7/17/2015 11:34	Paint	mg / cm ^2	Wall	DRYWALL	C	White	BATH 1	Negative	< LOD	0.03
7/17/2015 11:35	Paint	mg / cm ^2	Wall	DRYWALL	D	White	BATH 1	Negative	< LOD	0.15
7/17/2015 11:35	Paint	mg / cm ^2	Wall	TILE	D	Pink	BATH 1	Negative	< LOD	0.17
7/17/2015 11:36	Paint	mg / cm ^2	Door	WOOD	A	White	BATH 1	Negative	< LOD	0.03
7/17/2015 11:36	Paint	mg / cm ^2	Door Casing	WOOD	A	Tan	BATH 1	Negative	< LOD	0.03
7/17/2015 11:37	Paint	mg / cm ^2	Cabinet Door	WOOD	A	White	BATH 1	Negative	< LOD	0.03
7/17/2015 11:37	Paint	mg / cm ^2	Cabinet Frame	WOOD	A	White	BATH 1	Negative	< LOD	0.03
7/17/2015 11:38	Paint	mg / cm ^2	Cabinet Shelf	WOOD	A	Brown	BATH 1	Negative	< LOD	0.06
7/17/2015 11:38	Paint	mg / cm ^2	W Sill	WOOD	B	White	BATH 1	Negative	< LOD	0.38
7/17/2015 11:39	Paint	mg / cm ^2	Window	WOOD	B	Tan	BATH 1	Positive	5.2	3.3
7/17/2015 11:40	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BATH 1	Positive	3	1.9
7/17/2015 11:41	Paint	mg / cm ^2	Ceiling	DRYWALL	A	White	BR 1	Negative	< LOD	0.15
7/17/2015 11:42	Paint	mg / cm ^2	Ceiling	DRYWALL	B	White	BR 1	Negative	< LOD	0.03
7/17/2015 11:43	Paint	mg / cm ^2	Ceiling	DRYWALL	C	White	BR 1	Negative	< LOD	0.09
7/17/2015 11:43	Paint	mg / cm ^2	Ceiling	DRYWALL	D	White	BR 1	Negative	< LOD	0.03
7/17/2015 11:44	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BR 1	Negative	< LOD	0.03
7/17/2015 11:44	Paint	mg / cm ^2	Door	WOOD	B	White	BR 1	Positive	3.3	2.2

7/17/2015 11:44	Paint	mg / cm ^2	Door Casing	WOOD	B	White	BR 1	Negative	< LOD	0.6
7/17/2015 11:45	Paint	mg / cm ^2	Window	WOOD	C	White	BR 1	Positive	6.1	3.8
7/17/2015 11:45	Paint	mg / cm ^2	W Sill	WOOD	C	White	BR 1	Positive	6.7	4
7/17/2015 11:47	Paint	mg / cm ^2	Wall	DRYWALL	A	Gray	BR 2	Negative	< LOD	0.37
7/17/2015 11:48	Paint	mg / cm ^2	Wall	DRYWALL	B	Gray	BR 2	Negative	< LOD	0.03
7/17/2015 11:48	Paint	mg / cm ^2	Wall	DRYWALL	C	Gray	BR 2	Negative	< LOD	0.09
7/17/2015 11:49	Paint	mg / cm ^2	Wall	DRYWALL	D	Gray	BR 2	Negative	< LOD	0.03
7/17/2015 11:49	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BR 2	Negative	< LOD	0.06
7/17/2015 11:50	Paint	mg / cm ^2	Door	WOOD	C	White	BR 2	Positive	4.5	2.9
7/17/2015 11:50	Paint	mg / cm ^2	Door Trim	WOOD	C	White	BR 2	Positive	4.6	2.4
7/17/2015 11:51	Paint	mg / cm ^2	Window	WOOD	C	White	BR 2	Positive	4.7	2.9
7/17/2015 11:51	Paint	mg / cm ^2	W Sill	WOOD	C	White	BR 2	Positive	< LOD	12.6
7/17/2015 11:52	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	BR 3	Negative	< LOD	0.1
7/17/2015 11:53	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	BR 3	Negative	< LOD	0.24
7/17/2015 11:53	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	BR 3	Null	< LOD	0.11
7/17/2015 11:54	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	BR 3	Negative	< LOD	0.05
7/17/2015 11:55	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BR 3	Negative	< LOD	0.11
7/17/2015 11:55	Paint	mg / cm ^2	Door	WOOD	A	White	BR 3	Positive	3	1.8
7/17/2015 11:56	Paint	mg / cm ^2	Door Casing	WOOD	A	White	BR 3	Positive	4.6	2.7
7/17/2015 11:57	Paint	mg / cm ^2	Window	WOOD	C	White	BR 3	Positive	< LOD	4.65
7/17/2015 11:57	Paint	mg / cm ^2	Door Trim	WOOD	C	White	BR 3	Positive	4.7	3.1
7/17/2015 11:58	Paint	mg / cm ^2	Wall	DRYWALL	A	White	HALL	Null	< LOD	0.03
7/17/2015 11:58	Paint	mg / cm ^2	Wall	DRYWALL	B	White	HALL	Negative	< LOD	0.06
7/17/2015 11:59	Paint	mg / cm ^2	Wall	DRYWALL	C	White	HALL	Negative	0.3	0.12
7/17/2015 11:59	Paint	mg / cm ^2	Wall	DRYWALL	D	White	HALL	Negative	< LOD	0.06
7/17/2015 12:00	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	HALL	Negative	< LOD	0.05
7/17/2015 12:01	Paint	mg / cm ^2	Door Casing	WOOD	B	White	HALL	Negative	< LOD	0.6
7/17/2015 12:02	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	BATH 2	Positive	< LOD	4.2
7/17/2015 12:02	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	BATH 2	Positive	7.5	4.3
7/17/2015 12:03	Paint	mg / cm ^2	Wall	WOOD	C	Tan	BATH 2	Positive	< LOD	2.4
7/17/2015 12:03	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	BATH 2	Positive	5.2	2.9
7/17/2015 12:04	Paint	mg / cm ^2	Wall	TILE	C	White	BATH 2	Null	< LOD	0.14
7/17/2015 12:04	Paint	mg / cm ^2	Wall	TILE	C	White	BATH 2	Null	< LOD	0.17
7/17/2015 12:05	Paint	mg / cm ^2	Cabinet Door	WOOD	A	White	BATH 2	Negative	< LOD	0.03

7/17/2015 12:05	Paint	mg / cm ^2	Cabinet Frame	WOOD	A	White	BATH 2	Negative	< LOD	0.03
7/17/2015 12:06	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	BATH 2	Negative	< LOD	0.24
7/17/2015 12:06	Paint	mg / cm ^2	Window	WOOD	D	White	BATH 2	Positive	< LOD	3
7/17/2015 12:07	Paint	mg / cm ^2	W Sill	WOOD	D	White	BATH 2	Positive	2.4	1.2
7/17/2015 12:09	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	BR 4	Negative	< LOD	0.03
7/17/2015 12:09	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	BR 4	Negative	< LOD	0.03
7/17/2015 12:09	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	BR 4	Null	< LOD	0.03
7/17/2015 12:10	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	BR 4	Negative	< LOD	0.03
7/17/2015 12:10	Paint	mg / cm ^2	Door	WOOD	D	Red	BR 4	Positive	< LOD	10.35
7/17/2015 12:11	Paint	mg / cm ^2	Door Casing	WOOD	D	Red	BR 4	Negative	< LOD	0.08
7/17/2015 12:11	Paint	mg / cm ^2	W Sill	WOOD	A	Tan	BR 4	Negative	< LOD	0.07
7/17/2015 12:12	Paint	mg / cm ^2	Wall	DRYWALL	A	Tan	BATH 3	Negative	< LOD	0.03
7/17/2015 12:12	Paint	mg / cm ^2	Wall	DRYWALL	B	Pink	BATH 3	Negative	< LOD	0.07
7/17/2015 12:13	Paint	mg / cm ^2	Wall	DRYWALL	C	Pink	BATH 3	Negative	< LOD	0.08
7/17/2015 12:13	Paint	mg / cm ^2	Wall	DRYWALL	D	Pink	BATH 3	Negative	< LOD	0.03
7/17/2015 12:14	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	Yellow	BATH 3	Negative	< LOD	0.07
7/17/2015 12:14	Paint	mg / cm ^2	Wall	WOOD	A	Brown	DEN	Negative	< LOD	0.06
7/17/2015 12:15	Paint	mg / cm ^2	Wall	DRYWALL	B	Tan	DEN	Negative	< LOD	0.03
7/17/2015 12:15	Paint	mg / cm ^2	Wall	DRYWALL	C	Tan	DEN	Negative	< LOD	0.03
7/17/2015 12:16	Paint	mg / cm ^2	Wall	DRYWALL	D	Tan	DEN	Negative	< LOD	0.04
7/17/2015 12:16	Paint	mg / cm ^2	Ceiling	DRYWALL	UPPER	White	DEN	Null	< LOD	0.03
7/17/2015 12:18	Paint	mg / cm ^2	Wall	CONCRETE	A	Tan	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:18	Paint	mg / cm ^2	W Casing	WOOD	A	Brown	EXTERIOR	Positive	2.1	0.8
7/17/2015 12:19	Paint	mg / cm ^2	Door Casing	WOOD	A	Brown	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:22	Paint	mg / cm ^2	Soffit	WOOD	A	Brown	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:22	Paint	mg / cm ^2	Soffit	WOOD	A	Brown	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:23	Paint	mg / cm ^2	Fascia	WOOD	A	Brown	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:25	Paint	mg / cm ^2	Wall	CONCRETE	B	Tan	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:25	Paint	mg / cm ^2	W Casing	WOOD	B	Brown	EXTERIOR	Negative	0.4	0.2
7/17/2015 12:25	Paint	mg / cm ^2	W Casing	WOOD	B	Brown	EXTERIOR	Positive	2.6	1.5
7/17/2015 12:26	Paint	mg / cm ^2	Wall	CONCRETE	C	Tan	EXTERIOR	Negative	< LOD	0.03
7/17/2015 12:26	Paint	mg / cm ^2	Door	WOOD	C	Brown	EXTERIOR	Positive	1.6	0.5
7/17/2015 12:27	Paint	mg / cm ^2	W Casing	WOOD	C	Brown	EXTERIOR	Positive	< LOD	7.65
7/17/2015 12:28	Paint	mg / cm ^2	Wall	CONCRETE	D	Tan	EXTERIOR	Negative	< LOD	0.03

7/17/2015 12:29	Paint	mg / cm ^2	W Casing	WOOD	D	Brown	EXTERIOR	Positive	5.5	3.6
7/17/2015 12:35	Paint	mg / cm ^2			CALIBRATE			Positive	1.2	0.1
7/17/2015 12:36	Paint	mg / cm ^2			CALIBRATE			Positive	1.1	0.1
7/17/2015 12:36	Paint	mg / cm ^2			CALIBRATE			Positive	1.2	0.1