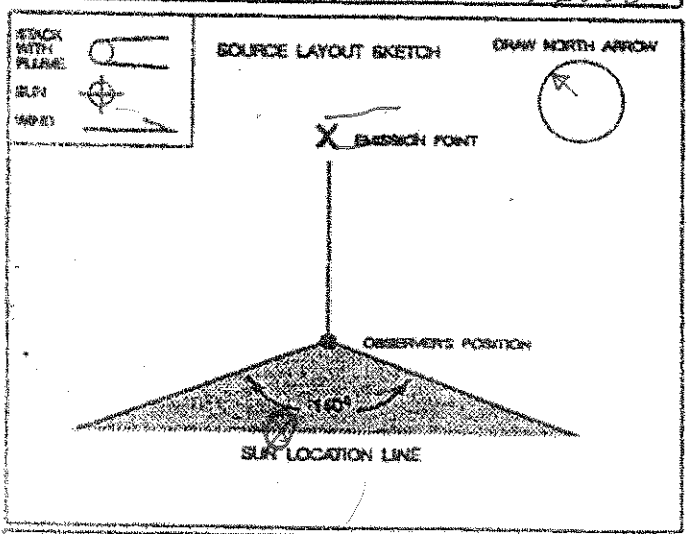
VISIBLE EMISSION OBSERVATION FORM

COMPANY NAME	AEP Gavin
LOCATION	7397 OH-7
LOCATION	
CITY	Cheshire
STATE	OH
ZIP	45620
PROCESS EQUIPMENT	Eastern Stack
OPERATING MODE	operating
CONTROL EQUIPMENT	
OPERATING MODE	
DESCRIBE EMISSION POINT	point in plume after steam
HEIGHT ABOVE GROUND LEVEL	~~1100 ft~~ 2400 ft KB 12/21/16
HEIGHT RELATIVE TO OBSERVER	START ~~1095 ft~~ 2395 ft END ~~1095 ft~~ 2395 ft KB 12/21/16
DISTANCE FROM OBSERVER	START 7296 ft END 7296 ft
DIRECTION FROM OBSERVER	START 357° END 357°
VERTICAL ANGLE TO PLUME	18°
HORIZONTAL ANGLE TO PLUME	~~18~~ 0 KB 12/21/16
DESCRIBE EMISSIONS	START gray smoke after water droplet plume END gray smoke after water droplet plume
EMISSION COLOR	START gray END gray
IF WATER DROPLET PLUME	ATTACHED ☒ DETACHED ☐ NA ☐
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED	START highest non-folding point END highest non-folding point in plume
DESCRIBE PLUME BACKGROUND	START blue sky END blue sky
BACKGROUND COLOR	START blue END blue
SKY CONDITIONS	START clear END clear
WIND SPEED	START 4 mph END 4 mph
WIND DIRECTION	START NW END NW
AMBIENT TEMP	START 52°F END 52°F
WET BULB TEMP	39°F
RH percent	61%



ADDITIONAL INFORMATION

OBSERVATION DATE	START TIME	END TIME
10/28/16	2:02pm	2:32pm

MIN \ SEC	0	15	30	45	COMMENTS
1	75	75	75	75	
2	75	70	70	70	
3	70	75	65	55	
4	60	45	65	55	
5	60	65	70	65	
6	70	70	65	60	
7	60	60	65	45	
8	45	50	45	45	
9	45	45	50	40	
10	50	60	40	45	
11	50	45	45	50	
12	50	40	40	60	
13	55	55	45	50	
14	55	55	45	50	
15	50	45	40	35	
16	45	40	45	55	
17	60	55	55	45	
18	45	50	50	45	
19	45	40	45	35	
20	40	40	45	40	
21	50	55	60	55	
22	55	55	50	60	
23	55	55	50	40	
24	40	45	50	50	
25	45	40	40	35	
26	35	40	30	40	
27	40	45	60	70	
28	60	50	45	50	
29	50	55	60	55	
30	50	60	55	40	

OBSERVER'S NAME (PRINT)	Katharina Bollairs
OBSERVER'S SIGNATURE	[signature]
DATE	10/28/16
ORGANIZATION	~~Whitlow Enterprises~~ KB 12/15/16 US EPA
CERTIFIED BY	Whitlow Enterprises
DATE	10/13/16

CONTINUED ON VEO FORM NUMBER