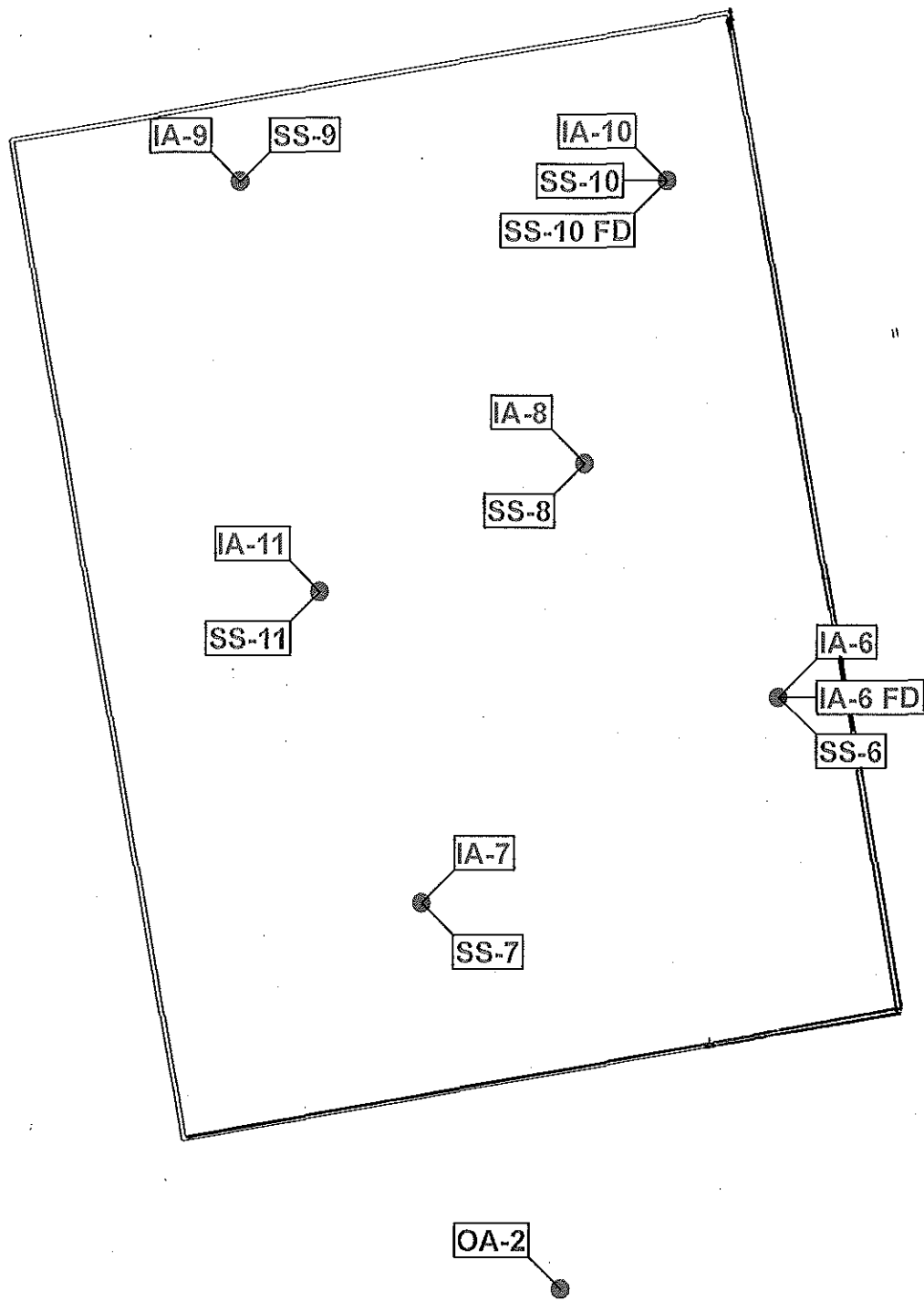


US EPA ARCHIVE DOCUMENT



Not to Scale  
Sample Locations are Approximate

**Legend**

- Sample Location
- IA Indoor Air
- OA Outdoor Air
- SS Sub Slab Air
- FD Field Duplicate

General Services Administration Kansas City, Missouri
<b>Figure 2</b> Indoor, Outdoor, and Sub Slab Sampling Building 52
March 2010

## Indoor Air VOC Results - March 2010

### Building 52

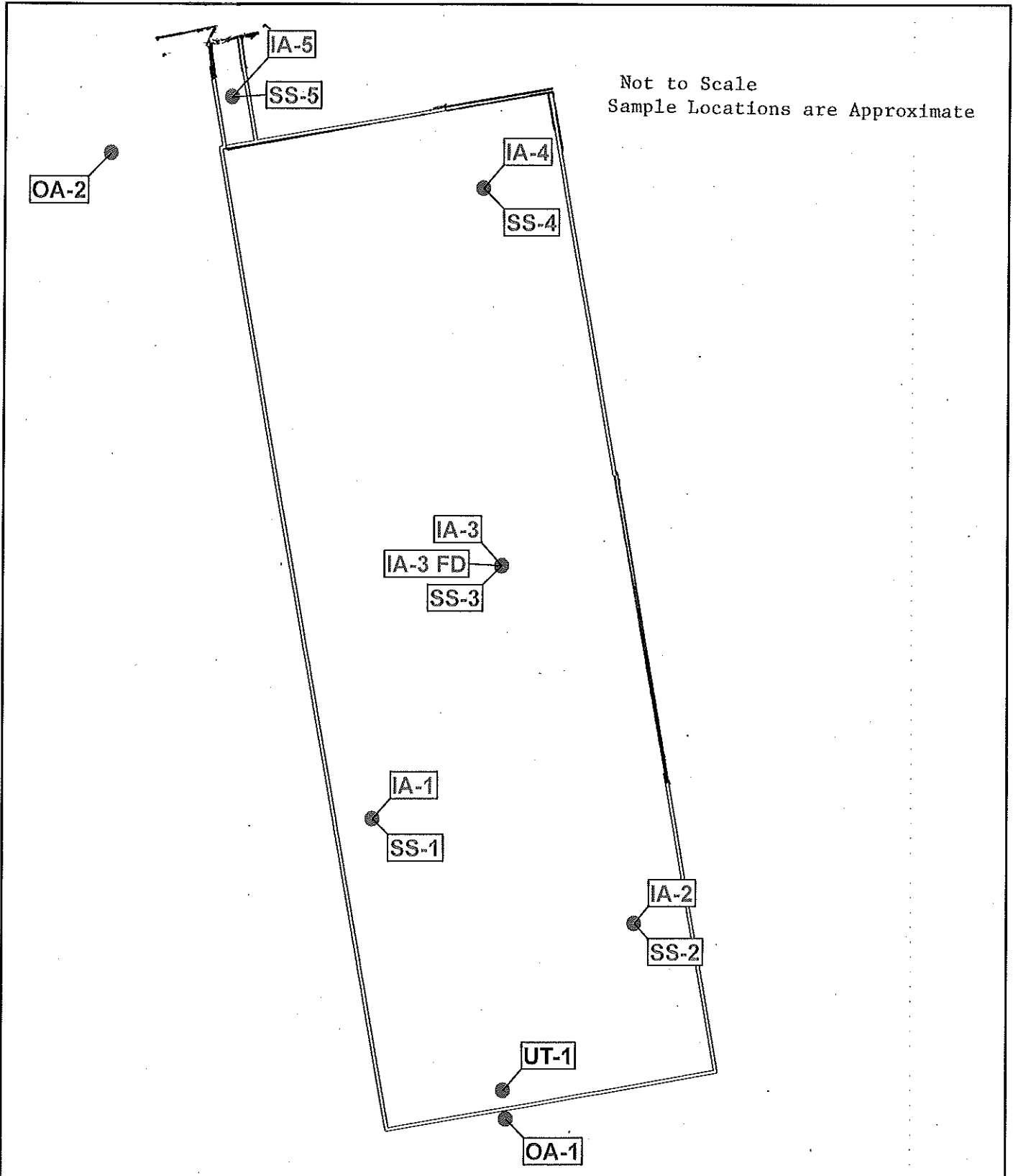
### GSA-Kansas City

Chemical	Sample Results ( $\mu\text{g}/\text{m}^3$ )							Indoor Air Screening Level ( $\mu\text{g}/\text{m}^3$ )
	IA-6	IA-6FD	IA-7	IA-8	IA-9	IA-10	IA-11	
Ethylbenzene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	3.9
Benzene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	1.3
PCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	1.7
Toluene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	1,752
TCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	3.5
Vinyl Chloride	bsl	bsl	bsl	bsl	bsl	bsl	bsl	0.22
o-Xylene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	35
m-Xylene & p-Xylene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	35
Chloroform	bsl	bsl	bsl	bsl	bsl	bsl	<b>0.7</b>	0.43
1,2-DCB	bsl	bsl	bsl	bsl	bsl	bsl	bsl	70
1,4-DCB	bsl	bsl	bsl	bsl	bsl	bsl	bsl	0.89
1,1-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	70
cis-1,2-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	21
tran-1,2-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	21

## Sub-slab VOC Results - March 2010

### Building 52

Chemical	Sample Results ( $\mu\text{g}/\text{m}^3$ )							Sub-slab Screening Level ( $\mu\text{g}/\text{m}^3$ )
	SS-6	SS-7	SS-8	SS-9	SS-10	SS-10FD	SS-11	
Ethylbenzene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	39
Benzene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	13
PCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	17
Toluene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	17,520
TCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	35
Vinyl Chloride	bsl	bsl	bsl	bsl	bsl	bsl	bsl	2.2
o-Xylene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	350
m-Xylene & p-Xylene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	350
Chloroform	bsl	bsl	<b>6.7</b>	bsl	bsl	bsl	bsl	4.3
1,2-DCB	bsl	bsl	bsl	bsl	bsl	bsl	bsl	700
1,4-DCB	bsl	bsl	bsl	bsl	bsl	bsl	bsl	8.9
1,1-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	700
cis-1,2-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	210
tran-1,2-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	210



Not to Scale  
Sample Locations are Approximate

**Legend**

- Sample Location
- IA Indoor Air
- OA Outdoor Air
- SS Sub Slab Air
- UT Utility Tunnel
- FD Field Duplicate

Note: Sample location UT-1 is not accessible to the public.

General Services Administration Kansas City, Missouri
<b>Figure 1</b> Indoor, Outdoor, and Sub Slab Sampling Building 50
March 2010

**Indoor and Outdoor Air VOC Results - March 2010**  
**Building 50**  
**GSA-Kansas City**

Chemical	Sample Results ( $\mu\text{g}/\text{m}^3$ )								Indoor Air Screening Level ( $\mu\text{g}/\text{m}^3$ )
	IA-1	IA-2	IA-3	IA-4	IA-5	OA-1	OA-2	OA-3	
Ethylbenzene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	3.9
Benzene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	1.3
PCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	1.7
Toluene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	1,752
TCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	3.5
Vinyl Chloride	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	0.22
o-Xylene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	35
m-Xylene & p- Xylene	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	35
Chloroform	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	0.43
1,2-DCB	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	70
1,4-DCB	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	0.89
1,1-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	70
cis-1,2-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	21
tran-1,2-DCE	bsl	bsl	bsl	bsl	bsl	bsl	bsl	bsl	21

**Sub-Slab Air VOC Results - March 2010**  
**Building 50**

Chemical	Sample Results ( $\mu\text{g}/\text{m}^3$ )					Sub-slab Screening Level ( $\mu\text{g}/\text{m}^3$ )
	SS-1	SS-2	SS-3	SS-4	SS-5	
Ethylbenzene	bsl	bsl	bsl	bsl	bsl	39
Benzene	bsl	bsl	bsl	bsl	bsl	13
PCE	bsl	bsl	bsl	bsl	bsl	17
Toluene	bsl	bsl	bsl	bsl	bsl	17,520
TCE	<b>43</b>	bsl	bsl	bsl	bsl	35
Vinyl Chloride	bsl	bsl	bsl	bsl	bsl	2.2
o-Xylene	bsl	bsl	bsl	bsl	bsl	350
m-Xylene & p- Xylene	bsl	bsl	bsl	bsl	bsl	350
Chloroform	bsl	bsl	bsl	bsl	<b>5.3</b>	4.3
1,2-DCB	bsl	bsl	bsl	bsl	bsl	700
1,4-DCB	bsl	bsl	bsl	bsl	bsl	8.9
1,1-DCE	bsl	bsl	bsl	bsl	bsl	700
cis-1,2-DCE	bsl	bsl	bsl	bsl	bsl	210
tran-1,2-DCE	bsl	bsl	bsl	bsl	bsl	210

# Utility Air VOC Results - March 2010

## Building 50

### GSA-Kansas City

Chemical	Sample Result	Utility Tunnel Screening Level ( $\mu\text{g}/\text{m}^3$ )
	UT-1	
Ethylbenzene	bsl	4340
Benzene	bsl	80
PCE	bsl	1.7
Toluene	bsl	5,000
TCE	bsl	537
Vinyl Chloride	bsl	77
o-Xylene	bsl	2,604
m-Xylene & p- Xylene	bsl	2,604
Chloroform	bsl	244
1,2-DCB	bsl	70
1,4-DCB	bsl	240
1,1-DCE	bsl	70
cis-1,2-DCE	bsl	794
tran-1,2-DCE	bsl	794

bsl: Below screening level

DCB: Dichlorobenzene

FD: Field duplicate

IA: Indoor air

OA: Outdoor air

PCE: Tetrachloroethene

SS: Sub-slab

TCE: Trichloroethylene

$\mu\text{g}/\text{m}^3$  : Micrograms per cubic meter

UT: Utility Tunnel

VOC: Volatile organic compounds

DCE: Dichloroethylene