CBI Supervisor : Adam Hickok

Senior Technician : Phillip Perez

Signature :

Signature :

Signoff Notes:

Summary Report
1444 Croaker Court Unit G6

Unit Summary :

Completion Date: 8/14/2014 12:02 PM

Instrument: 193-6

Serial #: 293633

Layout: Garage

Background Reading: 4.0 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: No

Unit Notes:

Summary Statistics :

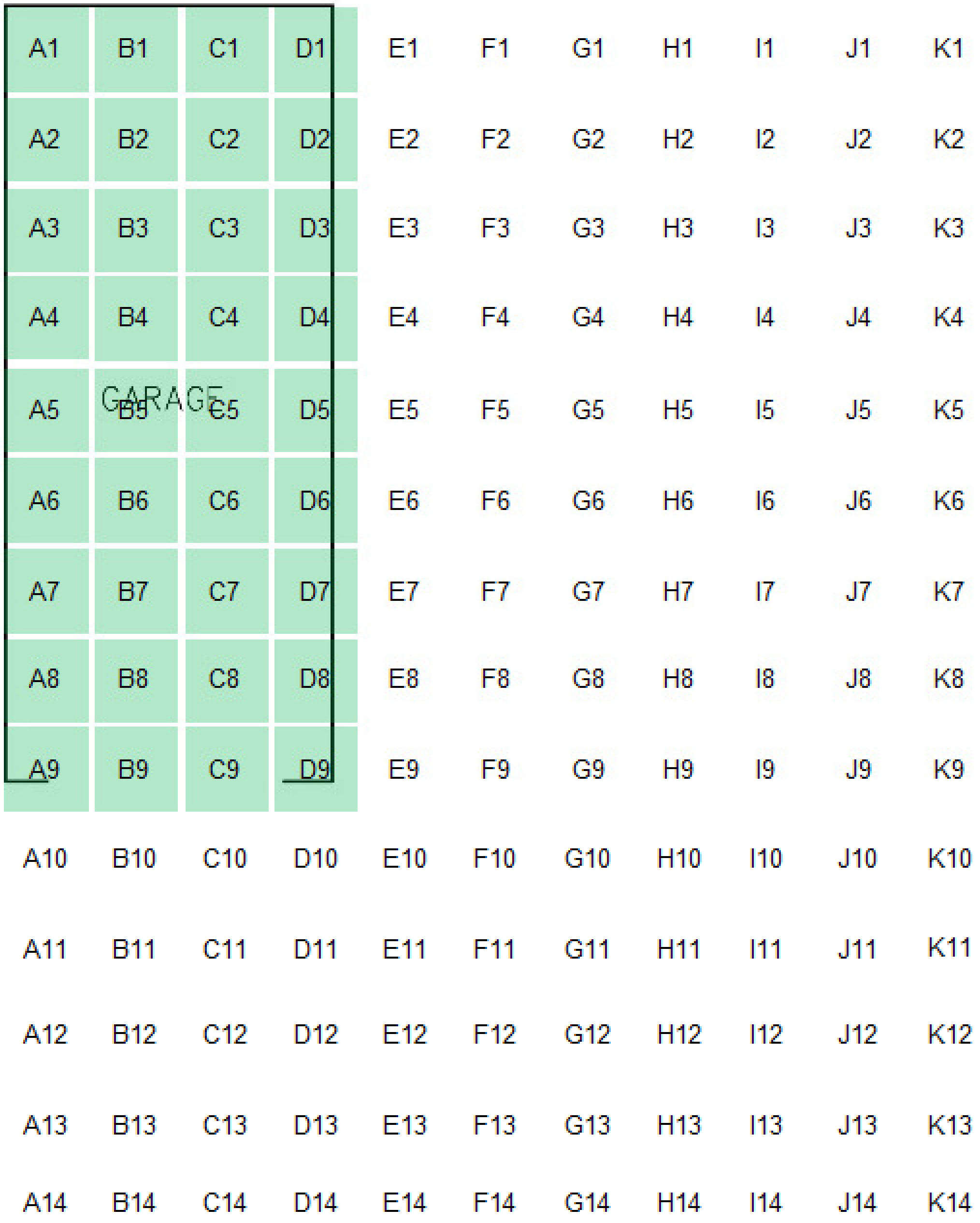
Total # of Readings:	36	
Average:	3.73	uR/hr
Standard Deviation:	0.21	uR/hr
Minimum:	3.20	uR/hr
Maximum:	4.00	uR/hr
Median:	3.40	uR/hr
# Anomalies:	0	

Grid Legend:

🟩 No anomalous measurements

🟨 Inaccessible (no measurement collected)

🟥 Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A8	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Tina Piquet

Senior Technician : Daphne Degering

Signature :

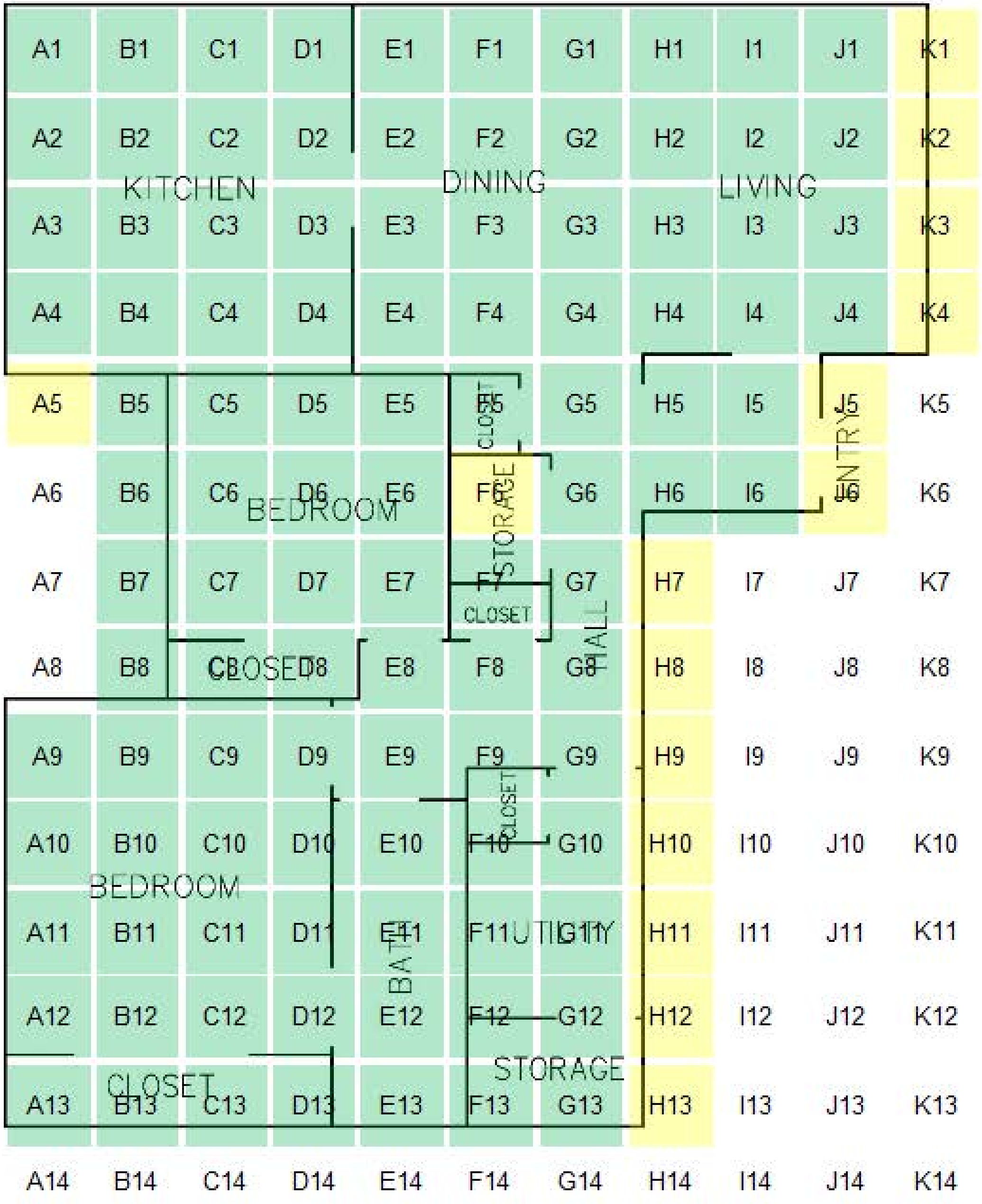
Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit A

Unit Summary :

Completion Date:	6/23/2014 9:39 AM	
Instrument:	193-6	
Serial #:	309099	
Layout:	Floor Plan 8	
Background Reading:	3.2	uR/hr
Dimensions (m):	D	W
Unit Furnished:	Yes	
Tenant Present:	Yes	
Unit Notes:		



Summary Statistics :

Total # of Readings:	117	
Average:	3.26	uR/hr
Standard Deviation:	0.16	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)

Survey Information:

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
A1	3.2	uR/hr	No		Kitchen		uR/hr	
A2	3.2	uR/hr	No		Kitchen		uR/hr	
A3	3.2	uR/hr	No		Kitchen		uR/hr	
A4	3.6	uR/hr	No		Kitchen		uR/hr	
A5		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	
A9	3.6	uR/hr	No		Bedroom		uR/hr	
A10	3.6	uR/hr	No		Bedroom		uR/hr	
A11	3.2	uR/hr	No		Bedroom		uR/hr	
A12	3.2	uR/hr	No		Bedroom		uR/hr	
A13	3.2	uR/hr	No		Closet		uR/hr	
B1	3.2	uR/hr	No		Kitchen		uR/hr	
B2	3.2	uR/hr	No		Kitchen		uR/hr	
B3	3.6	uR/hr	No		Kitchen		uR/hr	
B4	3.6	uR/hr	No		Kitchen		uR/hr	
B5	3.6	uR/hr	No		Bedroom		uR/hr	
B6	3.2	uR/hr	No		Bedroom		uR/hr	
B7	3.2	uR/hr	No		Bedroom		uR/hr	
B8	3.2	uR/hr	No		Closet		uR/hr	
B9	3.2	uR/hr	No		Bedroom		uR/hr	
B10	3.6	uR/hr	No		Bedroom		uR/hr	
B11	3.2	uR/hr	No		Bedroom		uR/hr	
B12	3.2	uR/hr	No		Bedroom		uR/hr	
B13	3.2	uR/hr	No		Closet		uR/hr	
C1	3.2	uR/hr	No		Kitchen		uR/hr	
C2	3.2	uR/hr	No		Kitchen		uR/hr	
C3	3.2	uR/hr	No		Kitchen		uR/hr	
C4	3.2	uR/hr	No		Kitchen		uR/hr	

Summary Report
1445 Chinook Court Unit A

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
C5	3.2	uR/hr	No		Kitchen	3.2	uR/hr	Bedroom
C6	3.2	uR/hr	No		Bedroom		uR/hr	
C7	3.2	uR/hr	No		Bedroom		uR/hr	
C8	3.2	uR/hr	No		Closet		uR/hr	
C9	3.2	uR/hr	No		Bedroom		uR/hr	
C10	3.2	uR/hr	No		Bedroom		uR/hr	
C11	3.2	uR/hr	No		Bedroom		uR/hr	
C12	3.2	uR/hr	No		Bedroom		uR/hr	
C13	3.6	uR/hr	No		Closet		uR/hr	
D1	2.8	uR/hr	No		Kitchen	2.8	uR/hr	Dining Room
D2	3.2	uR/hr	No		Kitchen	3.2	uR/hr	Dining Room
D3	3.2	uR/hr	No		Kitchen	3.2	uR/hr	Dining Room
D4	3.2	uR/hr	No		Kitchen	3.2	uR/hr	Dining Room
D5	3.2	uR/hr	No		Bedroom	3.2	uR/hr	Kitchen
D6	3.2	uR/hr	No		Bedroom		uR/hr	
D7	3.2	uR/hr	No		Bedroom		uR/hr	
D8	3.2	uR/hr	No		Closet		uR/hr	
D9	3.2	uR/hr	No		Bedroom		uR/hr	
D10	3.2	uR/hr	No		Bedroom	3.2	uR/hr	Bathroom
D11	3.2	uR/hr	No		Bedroom	3.2	uR/hr	Bathroom
D12	3.2	uR/hr	No		Bedroom	3.2	uR/hr	Bathroom
D13	3.2	uR/hr	No		Closet		uR/hr	
E1	3.2	uR/hr	No		Dining Room		uR/hr	
E2	3.2	uR/hr	No		Dining Room		uR/hr	
E3	3.2	uR/hr	No		Dining Room		uR/hr	
E4	3.2	uR/hr	No		Dining Room		uR/hr	
E5	3.2	uR/hr	No		Dining Room	3.2	uR/hr	Bedroom
E6	3.2	uR/hr	No		Bedroom		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
E7	3.2	uR/hr	No		Bedroom		uR/hr	
E8	3.2	uR/hr	No		Hallway		uR/hr	
E9	3.2	uR/hr	No		Hallway		uR/hr	
E10	3.2	uR/hr	No		Bathroom		uR/hr	
E11	3.2	uR/hr	No		Bathroom		uR/hr	
E12	3.6	uR/hr	No		Bathroom		uR/hr	
E13	3.6	uR/hr	No		Bathroom		uR/hr	
F1	3.2	uR/hr	No		Dining Room		uR/hr	
F2	3.2	uR/hr	No		Dining Room		uR/hr	
F3	3.2	uR/hr	No		Dining Room		uR/hr	
F4	3.2	uR/hr	No		Dining Room		uR/hr	
F5	3.2	uR/hr	No		Closet		uR/hr	
F6		uR/hr	No	N/A- furnace room has no access, deadbolted. Key not available by housing provider. Adjacent measurement is 3.2 uR/hr.	Storage		uR/hr	
F7	2.8	uR/hr	No		Storage		uR/hr	
F8	3.2	uR/hr	No		Hallway		uR/hr	
F9	3.2	uR/hr	No		Closet	3.2	uR/hr	Hallway
F10	3.2	uR/hr	No		Closet		uR/hr	
F11	3.2	uR/hr	No		Utility		uR/hr	
F12	3.6	uR/hr	No		Storage		uR/hr	
F13	3.6	uR/hr	No		Storage		uR/hr	
G1	3.2	uR/hr	No		Dining Room		uR/hr	
G2	3.2	uR/hr	No		Dining Room		uR/hr	
G3	3.2	uR/hr	No		Dining Room		uR/hr	
G4	3.2	uR/hr	No		Dining Room		uR/hr	
G5	3.2	uR/hr	No		Hallway		uR/hr	
G6	3.2	uR/hr	No		Hallway		uR/hr	
G7	3.2	uR/hr	No		Hallway		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
G8	3.2	uR/hr	No		Hallway		uR/hr	
G9	3.2	uR/hr	No		Hallway		uR/hr	
G10	3.2	uR/hr	No		Utility		uR/hr	
G11	3.2	uR/hr	No		Utility		uR/hr	
G12	3.2	uR/hr	No		Storage		uR/hr	
G13	3.6	uR/hr	No		Storage		uR/hr	
H1	3.2	uR/hr	No		Living Room		uR/hr	
H2	3.2	uR/hr	No		Living Room		uR/hr	
H3	3.2	uR/hr	No		Living Room		uR/hr	
H4	3.2	uR/hr	No		Living Room	3.2	uR/hr	Hallway
H5	3.2	uR/hr	No		Hallway		uR/hr	
H6	3.2	uR/hr	No		Hallway		uR/hr	
H7		uR/hr	No	N/A- Grids are outside unit interior boundary.	Hallway		uR/hr	
H8		uR/hr	No	N/A- Grids are outside unit interior boundary.	Hallway		uR/hr	
H9		uR/hr	No	N/A- Grids are outside unit interior boundary.	Hallway		uR/hr	
H10		uR/hr	No	N/A- Grids are outside unit interior boundary.	Hallway		uR/hr	
H11		uR/hr	No	N/A- Grids are outside unit interior boundary.	Utility		uR/hr	
H12		uR/hr	No	N/A- Grids are outside unit interior boundary.	Utility		uR/hr	
H13		uR/hr	No	N/A- Grids are outside unit interior boundary.	Storage		uR/hr	
I1	3.2	uR/hr	No		Living Room		uR/hr	
I2	3.6	uR/hr	No		Living Room		uR/hr	
I3	3.2	uR/hr	No		Living Room		uR/hr	
I4	3.6	uR/hr	No		Living Room	3.2	uR/hr	Hallway
I5	3.2	uR/hr	No		Hallway		uR/hr	
I6	3.2	uR/hr	No		Hallway		uR/hr	
J1	3.2	uR/hr	No		Living Room		uR/hr	
J2	3.2	uR/hr	No		Living Room		uR/hr	
J3	3.6	uR/hr	No		Living Room		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
J4	3.6	uR/hr	No		Living Room		uR/hr	
J5		uR/hr	No	N/A- Grids are outside unit interior boundary.	Hallway		uR/hr	
J6		uR/hr	No	N/A- Grids are outside unit interior boundary.	Hallway		uR/hr	
K1		uR/hr	No	N/A- Grids are outside unit interior boundary.	Living Room		uR/hr	
K2		uR/hr	No	N/A- Grids are outside unit interior boundary.	Living Room		uR/hr	
K3		uR/hr	No	N/A- Grids are outside unit interior boundary.	Living Room		uR/hr	
K4		uR/hr	No	N/A- Grids are outside unit interior boundary.	Living Room		uR/hr	

CBI Supervisor : Natalie Rothell

Signature :

Senior Technician : Mark Cafouras

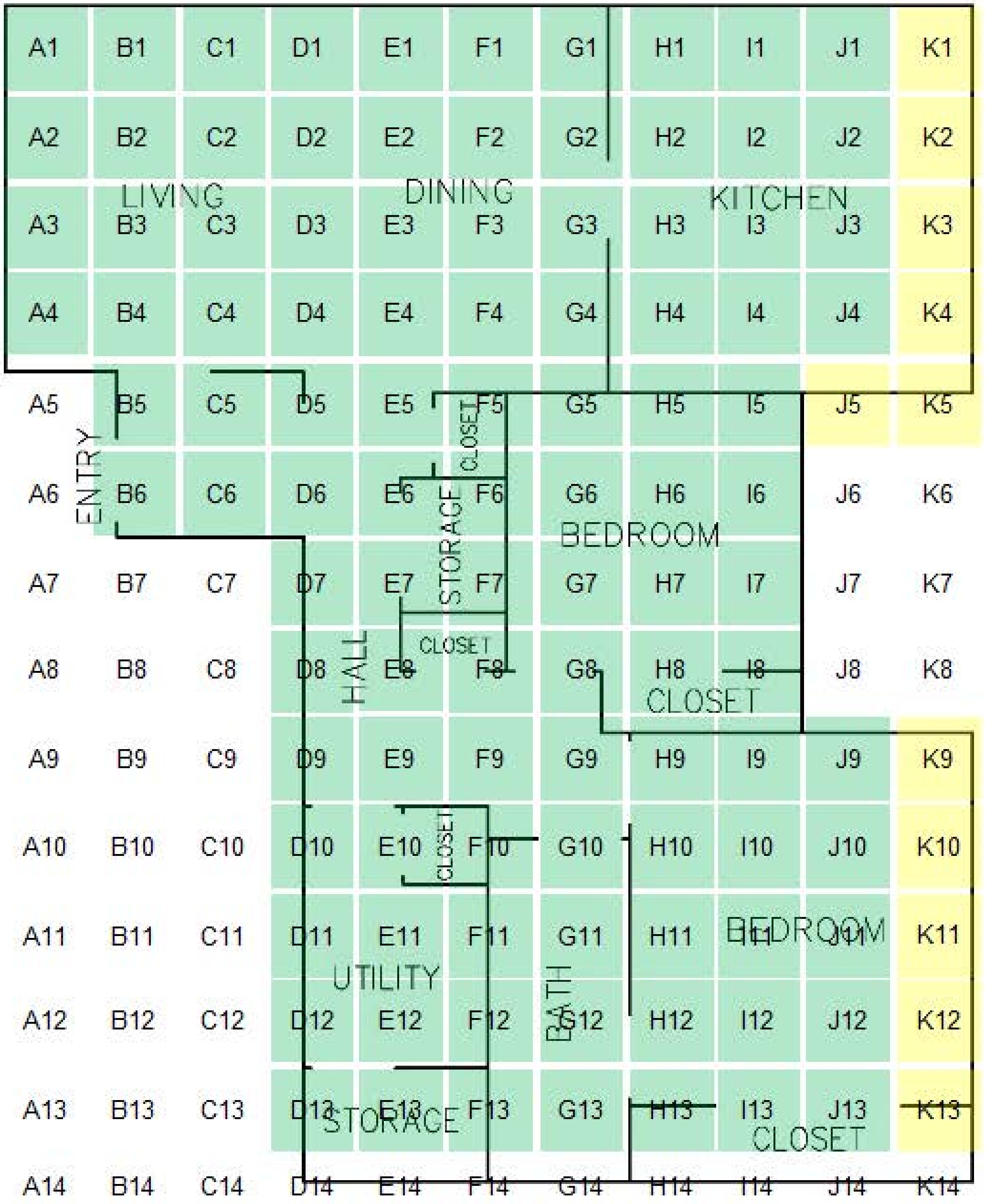
Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit F

Unit Summary :

Completion Date:	6/23/2014 9:57 AM	
Instrument:	193-6	
Serial #:	309119	
Layout:	Floor Plan 8B	
Background Reading:	3.2	uR/hr
Dimensions (m):	D	W
Unit Furnished:		
Tenant Present:		
Unit Notes:		



Summary Statistics :

Total # of Readings:	114	
Average:	3.35	uR/hr
Standard Deviation:	0.19	uR/hr
Minimum:	3.20	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)

Survey Information:

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
A1	3.6	uR/hr	No		Living Room		uR/hr	
A2	3.2	uR/hr	No		Living Room		uR/hr	
A3	3.6	uR/hr	No		Living Room		uR/hr	
A4	3.6	uR/hr	No		Living Room		uR/hr	
B1	3.2	uR/hr	No		Living Room		uR/hr	
B2	3.2	uR/hr	No		Living Room		uR/hr	
B3	3.6	uR/hr	No		Living Room		uR/hr	
B4	3.6	uR/hr	No		Living Room	3.2	uR/hr	Hallway
B5	3.2	uR/hr	No		Hallway		uR/hr	
B6	3.2	uR/hr	No		Hallway		uR/hr	
C1	3.2	uR/hr	No		Living Room		uR/hr	
C2	3.2	uR/hr	No		Living Room		uR/hr	
C3	3.6	uR/hr	No		Living Room		uR/hr	
C4	3.2	uR/hr	No		Living Room	3.2	uR/hr	Hallway
C5	3.2	uR/hr	No		Hallway		uR/hr	
C6	3.2	uR/hr	No		Hallway		uR/hr	
D1	3.2	uR/hr	No		Living Room		uR/hr	
D2	3.6	uR/hr	No		Living Room		uR/hr	
D3	3.2	uR/hr	No		Living Room		uR/hr	
D4	3.2	uR/hr	No		Living Room		uR/hr	
D5	3.2	uR/hr	No		Hallway		uR/hr	
D6	3.2	uR/hr	No		Hallway		uR/hr	
D7	3.2	uR/hr	No		Hallway		uR/hr	
D8	3.2	uR/hr	No		Hallway		uR/hr	
D9	3.2	uR/hr	No		Hallway		uR/hr	
D10	3.2	uR/hr	No		Utility		uR/hr	
D11	3.2	uR/hr	No		Utility		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
D12	3.2	uR/hr	No		Utility		uR/hr	
D13	3.6	uR/hr	No		Storage		uR/hr	
E1	3.2	uR/hr	No		Dining Room		uR/hr	
E2	3.2	uR/hr	No		Dining Room		uR/hr	
E3	3.2	uR/hr	No		Dining Room		uR/hr	
E4	3.2	uR/hr	No		Dining Room		uR/hr	
E5	3.2	uR/hr	No		Hallway		uR/hr	
E6	3.2	uR/hr	No	N/A- Base 72" above floor.	Storage		uR/hr	
E7	3.2	uR/hr	No	partial grid/ mech storage elevated from surface	Closet		uR/hr	
E8	3.2	uR/hr	No	grid is fully in closet	Closet		uR/hr	
E9	3.2	uR/hr	No		Hallway	3.2	uR/hr	Closet
E10	3.2	uR/hr	No	partial grid dryer cover 8" of utility grid	Closet	3.2	uR/hr	Utility
E11	3.6	uR/hr	No	Partial grid, washing machine covers section in utility room.	Utility		uR/hr	
E12	3.6	uR/hr	No	Partial grid, washing machine covers section in utility room.	Storage		uR/hr	
E13	3.6	uR/hr	No		Storage		uR/hr	
F1	3.2	uR/hr	No		Dining Room		uR/hr	
F2	3.2	uR/hr	No		Dining Room		uR/hr	
F3	3.2	uR/hr	No		Dining Room		uR/hr	
F4	3.2	uR/hr	No		Dining Room		uR/hr	
F5	3.2	uR/hr	No	grid fully in bedroom	Bedroom		uR/hr	
F6	3.2	uR/hr	No		Bedroom		uR/hr	
F7	3.2	uR/hr	No		Bedroom		uR/hr	
F8	3.2	uR/hr	No		Hallway		uR/hr	
F9	3.2	uR/hr	No		Hallway		uR/hr	
F10	3.2	uR/hr	No	partial grid, surveyed on base cabinet under sink (3"above surface)	Bathroom		uR/hr	
F11	3.6	uR/hr	No	surveyed near toilet	Bathroom		uR/hr	
F12	3.6	uR/hr	No		Bathroom		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
F13	3.6	uR/hr	No		Bathroom		uR/hr	
G1	3.2	uR/hr	No	partial grid, refrigerator covers kitchen section	Dining Room	3.2	uR/hr	Kitchen
G2	3.2	uR/hr	No		Kitchen	3.2	uR/hr	Dining Room
G3	3.2	uR/hr	No		Kitchen	3.2	uR/hr	Dining Room
G4	3.2	uR/hr	No		Dining Room	3.2	uR/hr	Kitchen
G5	3.2	uR/hr	No		Bedroom		uR/hr	
G6	3.2	uR/hr	No		Bedroom		uR/hr	
G7	3.2	uR/hr	No		Bedroom		uR/hr	
G8	3.2	uR/hr	No		Closet	3.2	uR/hr	Hallway
G9	3.2	uR/hr	No		Hallway	3.2	uR/hr	Bedroom
G10	3.2	uR/hr	No		Bathroom	3.2	uR/hr	Bedroom
G11	3.6	uR/hr	No		Bathroom	3.2	uR/hr	Bedroom
G12	3.6	uR/hr	No		Bathroom	3.6	uR/hr	Bedroom
G13	3.6	uR/hr	No		Bathroom	3.6	uR/hr	Closet
H1	3.2	uR/hr	No	partial grid, surveyed bottom cabinet	Kitchen		uR/hr	
H2	3.2	uR/hr	No		Kitchen		uR/hr	
H3	3.2	uR/hr	No		Kitchen		uR/hr	
H4	3.2	uR/hr	No		Kitchen		uR/hr	
H5	3.6	uR/hr	No		Bedroom		uR/hr	
H6	3.6	uR/hr	No		Bedroom		uR/hr	
H7	3.2	uR/hr	No		Bedroom		uR/hr	
H8	3.2	uR/hr	No		Closet		uR/hr	
H9	3.2	uR/hr	No		Bedroom		uR/hr	
H10	3.6	uR/hr	No		Bedroom		uR/hr	
H11	3.6	uR/hr	No		Bedroom		uR/hr	
H12	3.6	uR/hr	No		Bedroom		uR/hr	
H13	3.6	uR/hr	No		Closet		uR/hr	
I1	3.2	uR/hr	No	partial grid, kitchen stove cover part of grid 3ft x 1ft.	Kitchen		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
I2	3.2	uR/hr	No		Kitchen		uR/hr	
I3	3.6	uR/hr	No		Kitchen		uR/hr	
I4	3.6	uR/hr	No		Kitchen		uR/hr	
I5	3.6	uR/hr	No		Bedroom		uR/hr	
I6	3.6	uR/hr	No		Bedroom		uR/hr	
I7	3.6	uR/hr	No		Bedroom		uR/hr	
I8	3.2	uR/hr	No		Closet		uR/hr	
I9	3.6	uR/hr	No		Bedroom		uR/hr	
I10	3.2	uR/hr	No		Bedroom		uR/hr	
I11	3.6	uR/hr	No		Bedroom		uR/hr	
I12	3.6	uR/hr	No		Bedroom		uR/hr	
I13	3.6	uR/hr	No		Closet		uR/hr	
J1	3.2	uR/hr	No	partial grid, surveyed on cabinet base under sink (3"above surface)	Kitchen		uR/hr	
J2	3.2	uR/hr	No	partial grid kitchen dishwasher installed	Kitchen		uR/hr	
J3	3.6	uR/hr	No	partial grid kitchen base cabinet installed	Kitchen		uR/hr	
J4	3.6	uR/hr	No		Kitchen		uR/hr	
J5		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	
J9	3.6	uR/hr	No		Bedroom		uR/hr	
J10	3.6	uR/hr	No		Bedroom		uR/hr	
J11	3.6	uR/hr	No		Bedroom		uR/hr	
J12	3.6	uR/hr	No		Bedroom		uR/hr	
J13	3.6	uR/hr	No		Closet		uR/hr	
K1		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	
K2		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	
K3		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	
K4		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	
K5		uR/hr	No	N/A- Grids are outside unit interior boundary.	Kitchen		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
K9		uR/hr	No	N/A- Grids are outside unit interior boundary.	Bedroom		uR/hr	
K10		uR/hr	No	N/A- Grids are outside unit interior boundary.	Bedroom		uR/hr	
K11		uR/hr	No	N/A- Grids are outside unit interior boundary.	Bedroom		uR/hr	
K12		uR/hr	No	N/A- Grids are outside unit interior boundary.	Bedroom		uR/hr	
K13		uR/hr	No	N/A- Grids are outside unit interior boundary.	Closet		uR/hr	

CBI Supervisor : Joyce McGee

Signature :

JMcGee

Senior Technician : Efraim Ramirez

Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit G1

Unit Summary :

Completion Date: 6/27/2014 10:53 AM

Instrument: 193-6

Serial #: 309136

Layout: Garage

Background Reading: 3.2 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: No

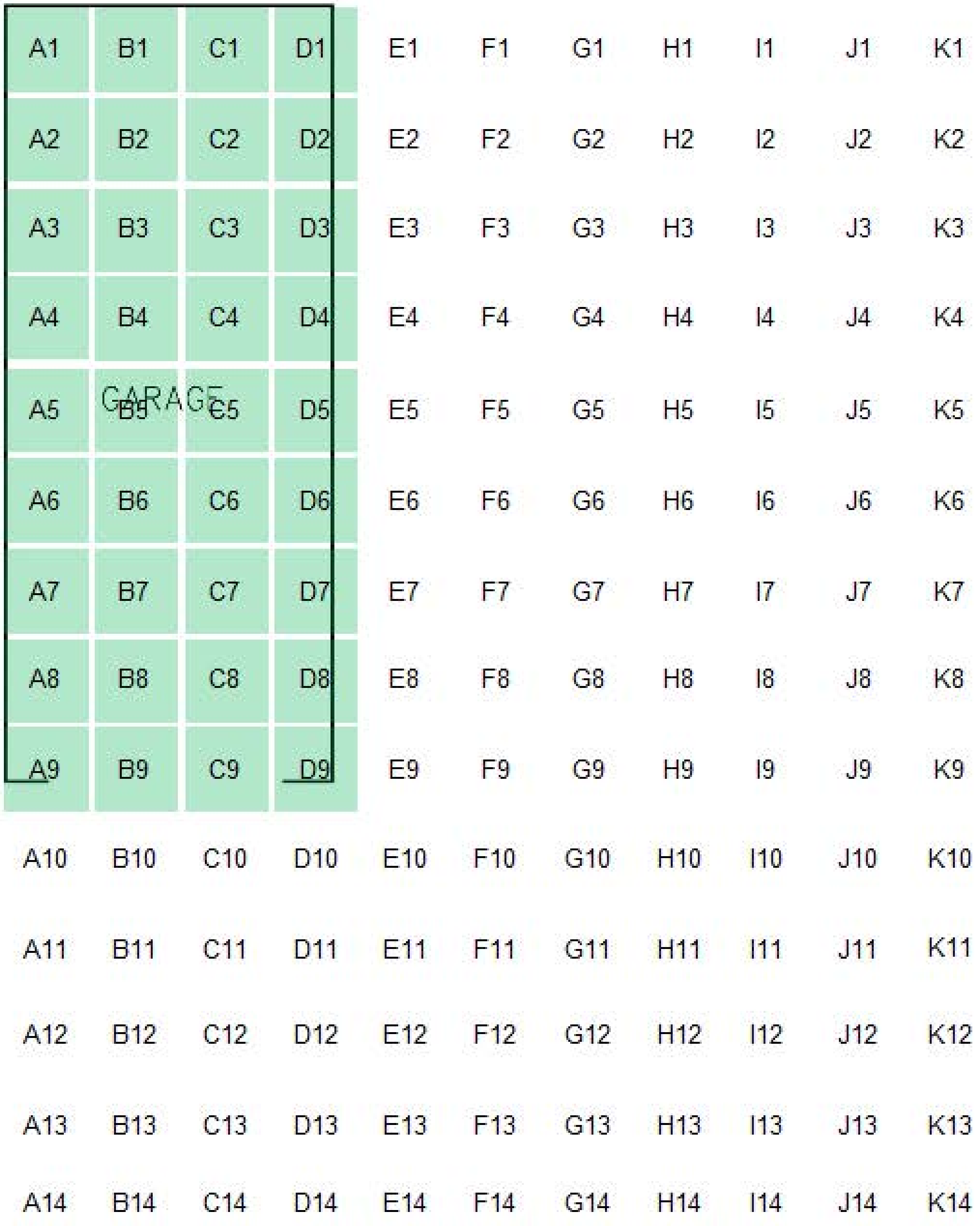
Unit Notes:

Summary Statistics :

Total # of Readings:	36	
Average:	3.09	uR/hr
Standard Deviation:	0.23	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A3	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A4	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A5	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible
B1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Adam Hickok

Senior Technician : Phillip Perez

Signature :

Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit G2

Unit Summary :

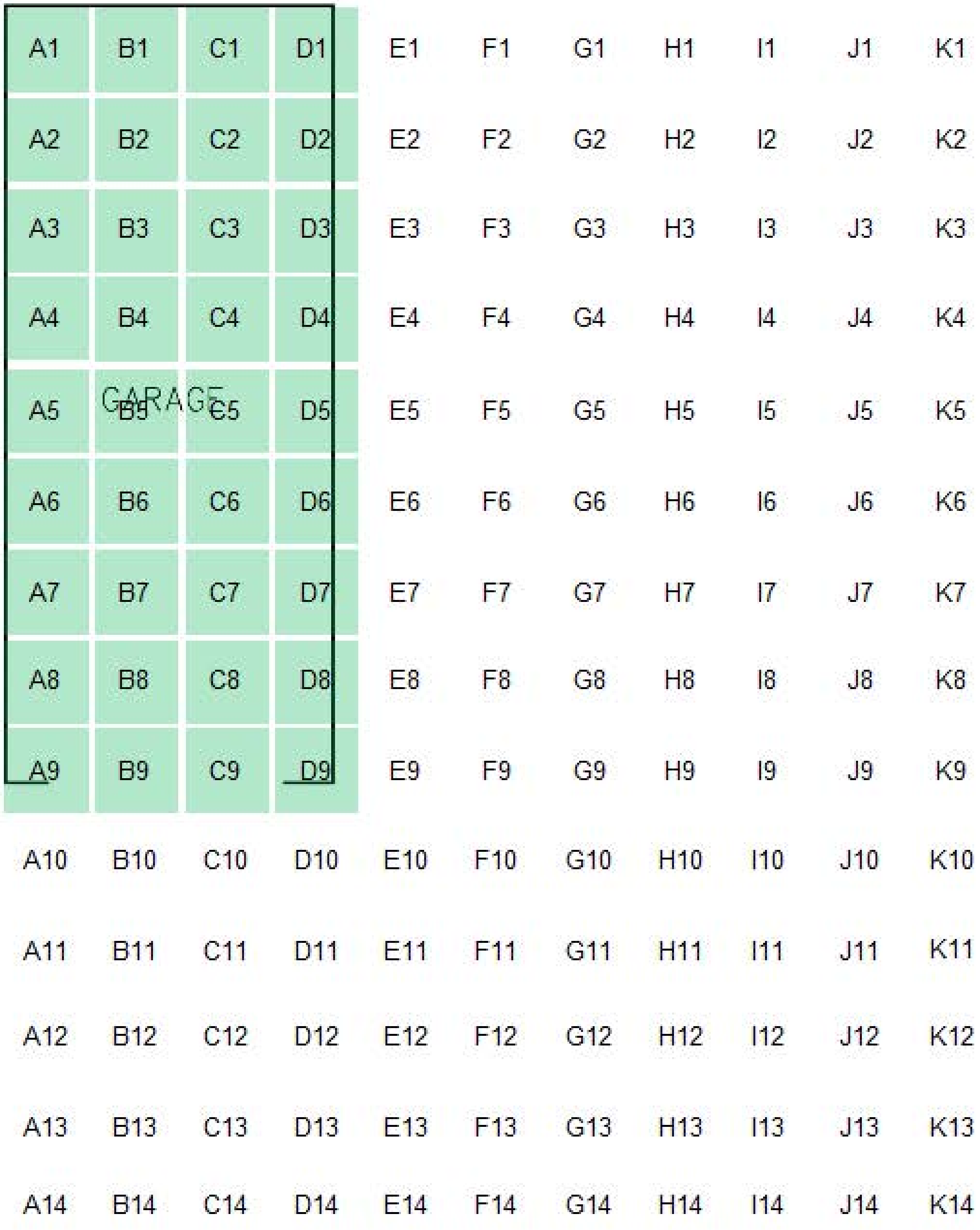
Completion Date:	6/27/2014 11:59 AM			
Instrument:	193-6			
Serial #:	309136			
Layout:	Garage			
Background Reading:	3.2	uR/hr		
Dimensions (m):	D	8.1	W	3.3
Unit Furnished:	Yes			
Tenant Present:	Yes			
Unit Notes:				

Summary Statistics :

Total # of Readings:	36	
Average:	2.90	uR/hr
Standard Deviation:	0.18	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.20	uR/hr
Median:	2.80	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A3	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A4	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A5	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A7	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A8	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A9	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible
B1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B9	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C7	2.8	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C9	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Adam Hickok

Signature :

Adam

Senior Technician : Phillip Perez

Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit G3

Unit Summary :

Completion Date: 6/27/2014 11:18 AM

Instrument: 193-6

Serial #: 309099

Layout: Garage

Background Reading: 3.2 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: No

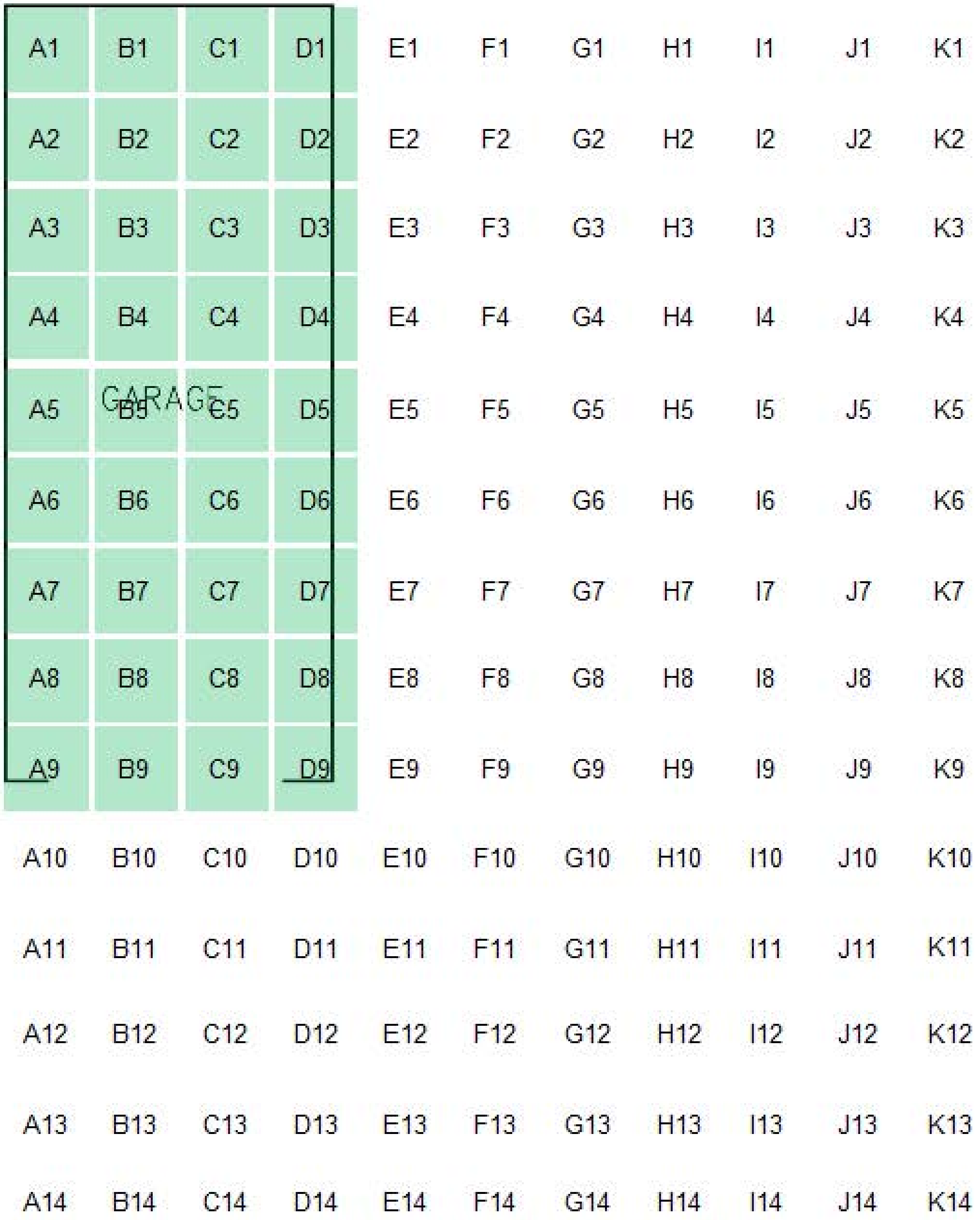
Unit Notes:

Summary Statistics :

Total # of Readings:	36	
Average:	3.38	uR/hr
Standard Deviation:	0.22	uR/hr
Minimum:	3.20	uR/hr
Maximum:	4.00	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	

Summary Report
1445 Chinook Court Unit G3

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D4	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D5	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D6	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D7	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D8	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Natalie Rothell

Senior Technician : Ricky Luguna

Signature :

Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit G4

Unit Summary :

Completion Date: 6/27/2014 12:08 PM

Instrument: 193-6

Serial #: 309099

Layout: Garage

Background Reading: 3.2 uR/hr

Dimensions (m): D 8.2 W 3.3

Unit Furnished: Yes

Tenant Present: No

Unit Notes:

Garage used to store medical supplies

Summary Statistics :

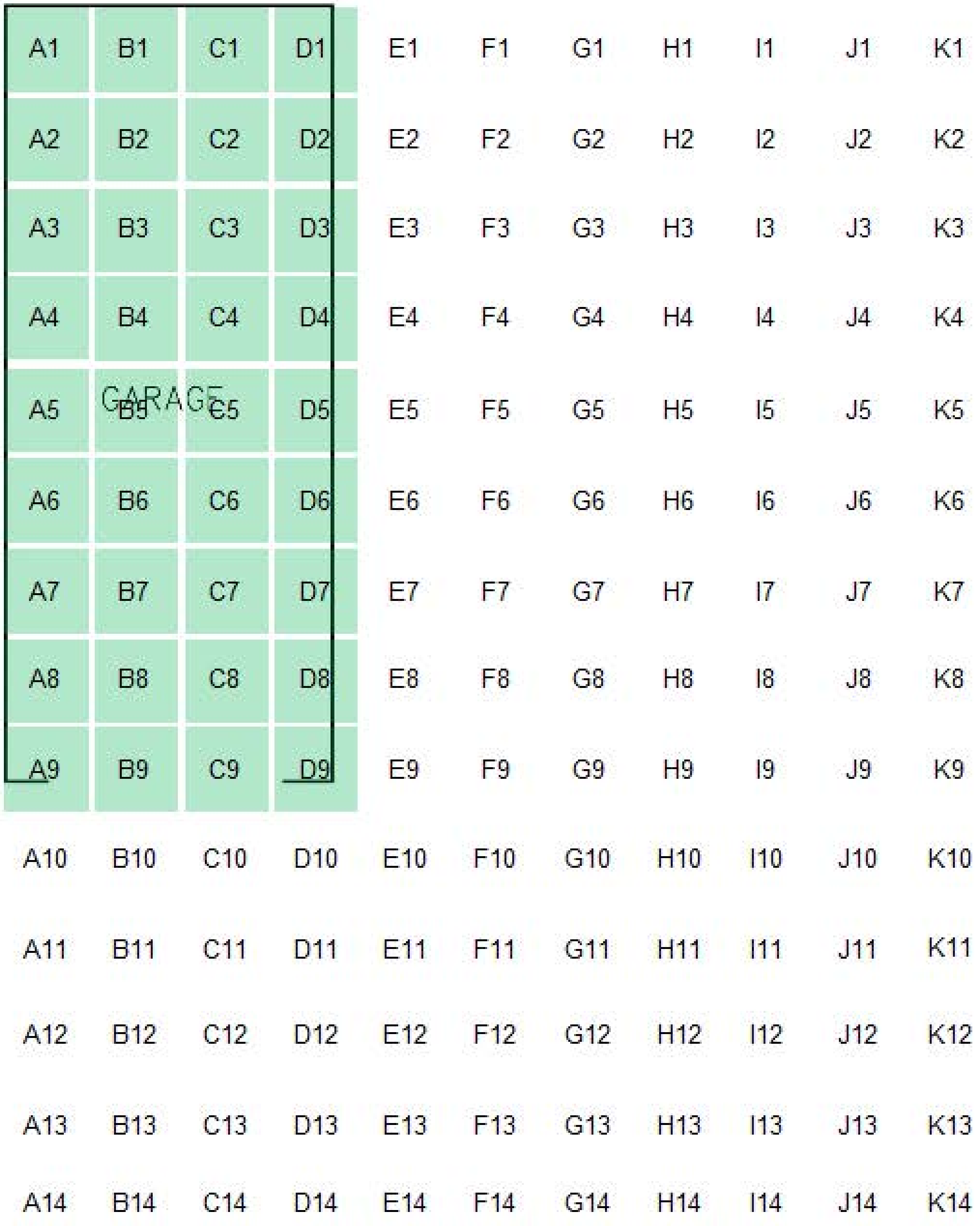
Total # of Readings:	36	
Average:	3.37	uR/hr
Standard Deviation:	0.20	uR/hr
Minimum:	3.20	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩 No anomalous measurements

🟨 Inaccessible (no measurement collected)

🟥 Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D2	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D3	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D4	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D5	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D6	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D7	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Natalie Rothell

Signature :

Senior Technician : Ricky Luguna

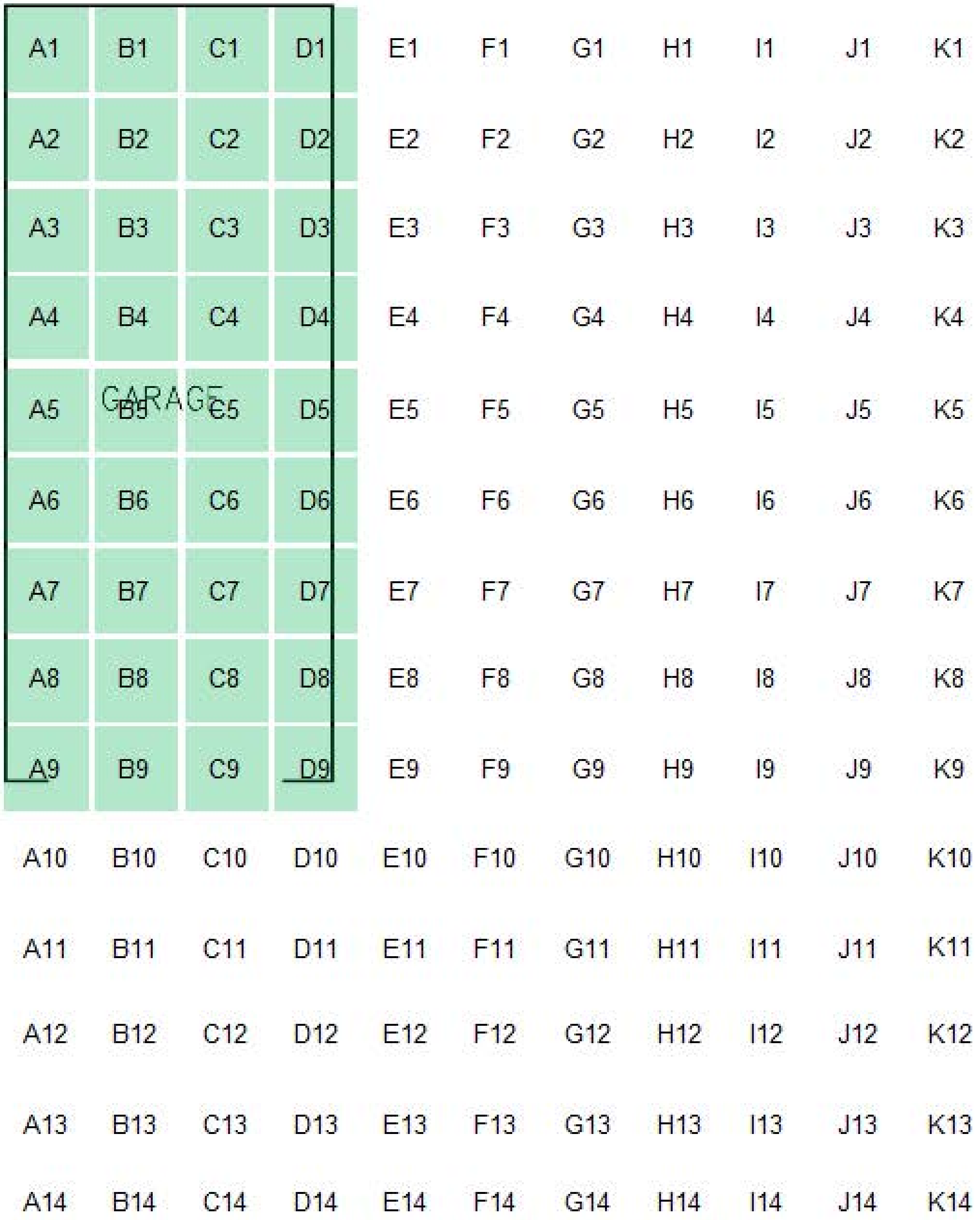
Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit G5

Unit Summary :

Completion Date:	6/27/2014 1:28 PM			
Instrument:	193-6			
Serial #:	309119			
Layout:	Garage			
Background Reading:	3.2	uR/hr		
Dimensions (m):	D	8.1	W	3.3
Unit Furnished:	Yes			
Tenant Present:	Yes			
Unit Notes:				



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Summary Statistics :

Total # of Readings:	36	
Average:	3.17	uR/hr
Standard Deviation:	0.15	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A3	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible
B1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	

Summary Report
1445 Chinook Court Unit G5

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D4	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D5	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D6	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D7	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D8	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Steve Phelps

Senior Technician : Efraim Ramirez

Signature :

Signature :

Signoff Notes:

Summary Report
1445 Chinook Court Unit G6

Unit Summary :

Completion Date: 6/27/2014 1:26 PM

Instrument: 193-6

Serial #: 309136

Layout: Garage

Background Reading: 3.2 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: Yes

Unit Notes:

Summary Statistics :

Total # of Readings: 36

Average: 2.91 uR/hr

Standard Deviation: 0.21 uR/hr

Minimum: 2.40 uR/hr

Maximum: 3.20 uR/hr

Median: 2.80 uR/hr

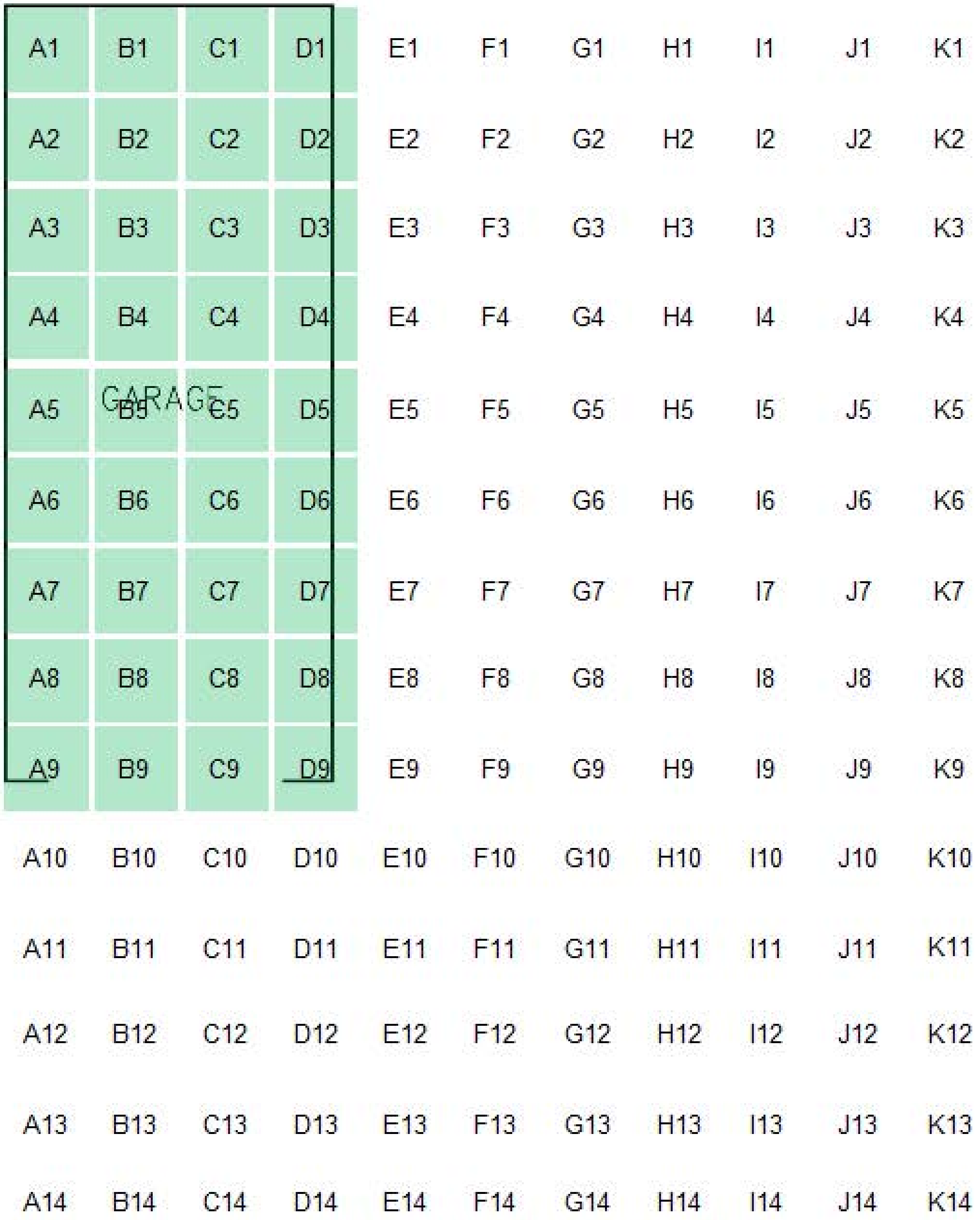
 # Anomalies: 0

Grid Legend:

🟩 No anomalous measurements

🟨 Inaccessible (no measurement collected)

🟥 Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible
B1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B3	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
B9	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C3	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C4	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C5	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C6	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C7	2.8	uR/hr	Garage			uR/hr				uR/hr			No	

Summary Report
1445 Chinook Court Unit G6

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	2.4	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Adam Hickok

Signature :

AH

Senior Technician : Phillip Perez

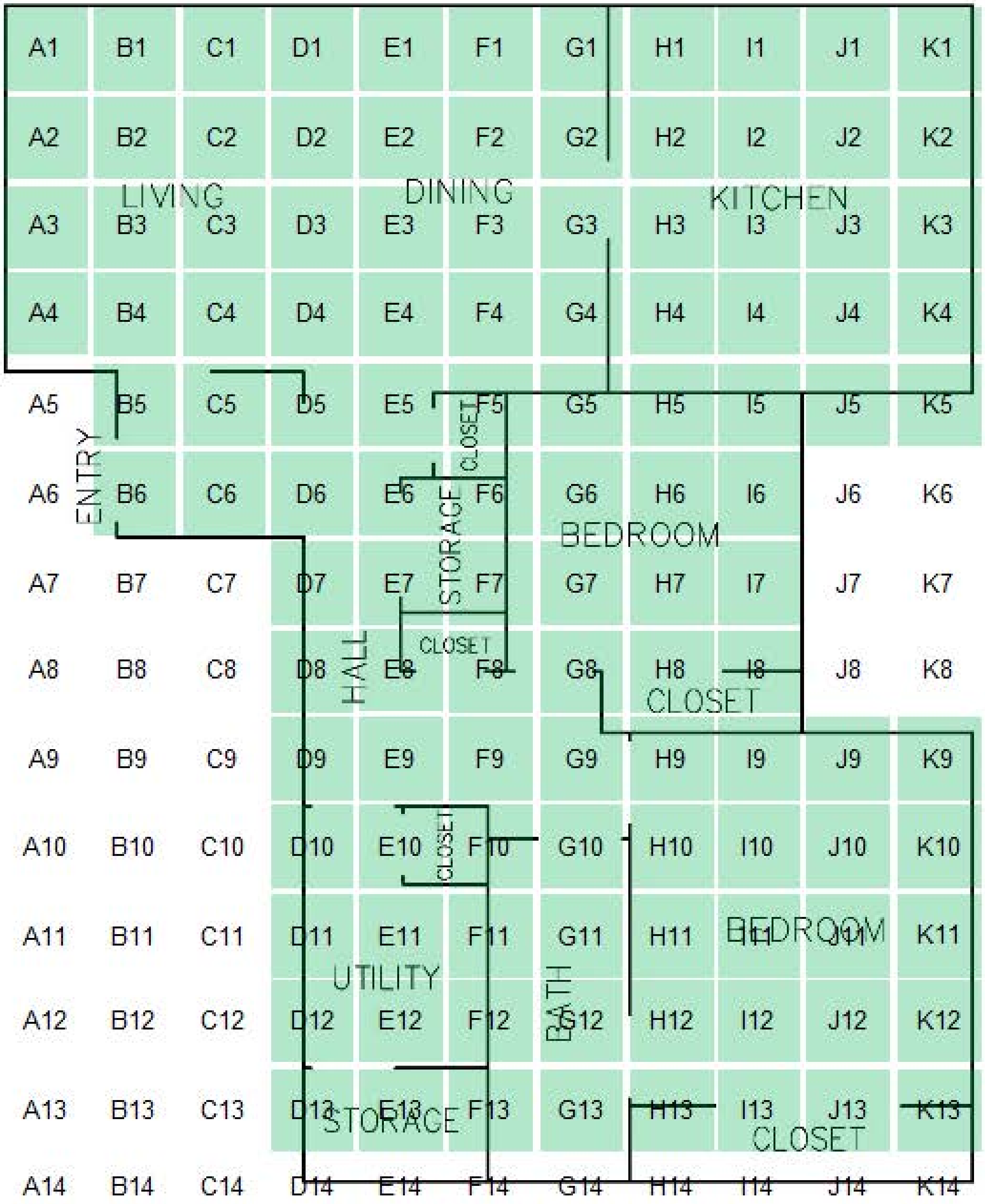
Signature :

Signoff Notes:

Summary Report
1447 Chinook Court Unit A

Unit Summary :

Completion Date:	6/19/2014 1:00 PM	
Instrument:	193-6	
Serial #:	309127	
Layout:	Floor Plan 8B	
Background Reading:	4.0	uR/hr
Dimensions (m):	D	W
Unit Furnished:		
Tenant Present:		
Unit Notes:		



Summary Statistics :

Total # of Readings:	139	
Average:	3.82	uR/hr
Standard Deviation:	0.23	uR/hr
Minimum:	3.20	uR/hr
Maximum:	4.40	uR/hr
Median:	3.60	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	4.0	uR/hr	Living Room	Grid partially contained within wall construction.		uR/hr				uR/hr			No	90% accessible
A2	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
A3	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
A4	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
B1	4.0	uR/hr	Living Room	Grid partially contained within wall construction.		uR/hr				uR/hr			No	90% accessible
B2	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
B3	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
B4	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
B5	4.0	uR/hr	Hallway			uR/hr				uR/hr			No	
B6	4.0	uR/hr	Hallway			uR/hr				uR/hr			No	85% accessiible
C1	4.0	uR/hr	Living Room	Grid partially contained within wall construction.		uR/hr				uR/hr			No	90% accessible
C2	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
C3	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
C4	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
C5	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	
C6	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	85% accessible
D1	4.0	uR/hr	Living Room	Grid partially contained within wall construction.		uR/hr				uR/hr			No	90% accessible
D2	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	
D3	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
D4	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
D5	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	full grid no exterior partial
D6	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	full grid no exterior partial
D7	4.0	uR/hr	Hallway			uR/hr				uR/hr			No	full grid no exterior partial
D8	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	full grid no exterior partial
D9	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	
D10	3.6	uR/hr	Utility			uR/hr				uR/hr			No	full grid no exterior partial
D11	3.6	uR/hr	Utility			uR/hr				uR/hr			No	full grid no exterior partial
D12	3.6	uR/hr	Utility			uR/hr				uR/hr			No	full grid no exterior partial
D13	3.6	uR/hr	Storage			uR/hr				uR/hr			No	full grid no exterior part. 90% accessible
E1	4.0	uR/hr	Dining Room	Grid partially contained within wall construction.		uR/hr				uR/hr			No	90% accessible
E2	4.0	uR/hr	Dining Room			uR/hr				uR/hr			No	
E3	4.0	uR/hr	Dining Room			uR/hr				uR/hr			No	
E4	4.0	uR/hr	Dining Room			uR/hr				uR/hr			No	
E5	3.6	uR/hr	Hallway		3.6	uR/hr	Closet			uR/hr			No	
E6	3.6	uR/hr	Hallway		3.6	uR/hr	Closet		3.6	uR/hr	Storage	Installed furnace.	No	scan and static at storage taken 24" from the floor
E7	3.6	uR/hr	Closet		3.6	uR/hr	Storage	Installed furnace.		uR/hr			No	scan and static at storage taken 24" from the floor
E8	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	no closet partial
E9	4.0	uR/hr	Hallway			uR/hr				uR/hr			No	
E10	3.6	uR/hr	Closet		3.6	uR/hr	Utility			uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
E11	3.2	uR/hr	Utility	Washing machine within grid.		uR/hr				uR/hr			No	partial grid- installed washer
E12	3.2	uR/hr	Utility	Washing machine within grid.	3.6	uR/hr	Storage			uR/hr			No	partial grid- installed dryer
E13	3.6	uR/hr	Storage			uR/hr				uR/hr			No	90% accessible
F1	4.0	uR/hr	Dining Room	Grid partially contained within wall construction.		uR/hr				uR/hr			No	90% accessible
F2	4.0	uR/hr	Dining Room			uR/hr				uR/hr			No	
F3	4.0	uR/hr	Dining Room			uR/hr				uR/hr			No	
F4	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
F5	3.6	uR/hr	Dining Room		3.6	uR/hr	Closet		3.6	uR/hr	Bedroom		No	
F6	3.6	uR/hr	Closet		3.6	uR/hr	Bedroom		3.6	uR/hr	Storage		No	scan and static at storage taken 24" from the floor
F7	3.6	uR/hr	Closet		3.6	uR/hr	Bedroom		3.6	uR/hr	Storage		No	scan and static at storage taken 24" from the floor
F8	3.6	uR/hr	Hallway		3.2	uR/hr	Bedroom			uR/hr			No	no closet partial
F9	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	
F10	3.6	uR/hr	Bathroom			uR/hr				uR/hr			No	grid does not extend into hallway or utility room
F11	4.4	uR/hr	Bathroom	Elevated measurements due to NORM in toilet bowl a		uR/hr				uR/hr			No	reading taken on right of toilet due to elevated scan. grid does not extend into utility room
F12	4.0	uR/hr	Bathroom			uR/hr				uR/hr			No	grid does not extend into utility room

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
F13	4.0	uR/hr	Bathroom			uR/hr				uR/hr			No	scan taken in the bath tub. grid does not extend into utility room. 90% accessible
G1	4.0	uR/hr	Dining Room	Grid partially contained within wall construction.	4.0	uR/hr	Kitchen	Installed refrigerator.		uR/hr			No	90% accessible
G2	4.0	uR/hr	Dining Room		4.0	uR/hr	Kitchen			uR/hr			No	
G3	4.0	uR/hr	Dining Room		4.0	uR/hr	Kitchen			uR/hr			No	
G4	3.6	uR/hr	Dining Room		4.0	uR/hr	Kitchen			uR/hr			No	
G5	3.6	uR/hr	Dining Room		3.6	uR/hr	Kitchen		3.6	uR/hr	Bedroom		No	
G6	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
G7	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
G8	3.6	uR/hr	Hallway		3.6	uR/hr	Bedroom		3.2	uR/hr	Closet		No	
G9	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	no partial grid in bedroom
G10	4.0	uR/hr	Bathroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	grid does not extended to hallway. no partial in bedroom. 70% accessible.
G11	4.0	uR/hr	Bathroom			uR/hr				uR/hr			No	no partial in bedroom. 75% accessible.
G12	4.0	uR/hr	Bathroom			uR/hr				uR/hr			No	no partial in bedroom. 75% accessible
G13	4.0	uR/hr	Bathroom			uR/hr				uR/hr			No	scan taken in the bath tub. no partial grid in closet. 70% accessible

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
H1	4.0	uR/hr	Kitchen	Installed base cabinets.		uR/hr				uR/hr			No	grid partially contained within wall construction also. 15% accessible
H2	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
H3	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
H4	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
H5	3.6	uR/hr	Kitchen		4.0	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr			No	partial grid- grid partially contained within wall construction
H6	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
H7	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
H8	3.6	uR/hr	Closet	Grid partially contained within wall construction.	4.0	uR/hr	Bedroom			uR/hr			No	
H9	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
H10	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
H11	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
H12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
H13	4.0	uR/hr	Closet	Grid partially contained within wall construction.		uR/hr				uR/hr			No	no partial in the bedroom
I1	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	partial grid- installed stove. 15% accessible
I2	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
I3	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
I4	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
I5	4.0	uR/hr	Kitchen	Grid partially contained within wall construction.	4.0	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr			No	80% accessible
I6	4.0	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	67% accessible
I7	3.6	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	67% accessible
I8	4.0	uR/hr	Bedroom	Grid partially contained within wall construction.	4.0	uR/hr	Closet	Grid partially contained within wall construction.		uR/hr			No	67% accessible
I9	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
I10	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
I11	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
I12	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
I13	4.0	uR/hr	Closet	Grid partially contained within wall construction.		uR/hr				uR/hr			No	no partial in the bedroom
J1	4.0	uR/hr	Kitchen	Installed base cabinets.		uR/hr				uR/hr			No	partial grid contained in wall construction also. 15% accessible.
J2	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
J3	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
J4	4.0	uR/hr	Kitchen			uR/hr				uR/hr			No	
J5	4.0	uR/hr	Kitchen	Grid partially contained within wall construction.		uR/hr				uR/hr			No	20% accessible
J9	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
J10	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
J11	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
J12	4.0	uR/hr	Bedroom			uR/hr				uR/hr			No	
J13	3.6	uR/hr	Closet	Grid partially contained within wall construction.		uR/hr				uR/hr			No	no partial in the bedroom
K1	4.0	uR/hr	Kitchen	Installed base cabinets.		uR/hr				uR/hr			No	10% accessible partial grid contained in wall construction also.
K2	4.0	uR/hr	Kitchen	Installed base cabinets.		uR/hr				uR/hr			No	15% accessible
K3	4.0	uR/hr	Kitchen	Installed base cabinets.		uR/hr				uR/hr			No	20% accessible
K4	4.0	uR/hr	Kitchen	Grid partially contained within wall construction.		uR/hr				uR/hr			No	60% accessible
K5	4.0	uR/hr	Kitchen	Grid partially contained within wall construction.		uR/hr				uR/hr			No	10% accessible
K9	4.0	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	67% accessible
K10	4.0	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	67% accessible
K11	4.0	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	67% accessible
K12	3.6	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	67% accessible

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
K13	4.0	uR/hr	Closet	Grid partially contained within wall construction.		uR/hr				uR/hr			No	no partial in the bedroom. 67% accessible

CBI Supervisor : Garrick Anderson

Signature :

Senior Technician : Patricia Lozano

Signature :

Patricia Lozano

Signoff Notes:

Summary Report
1447 Chinook Court Unit D

Unit Summary :

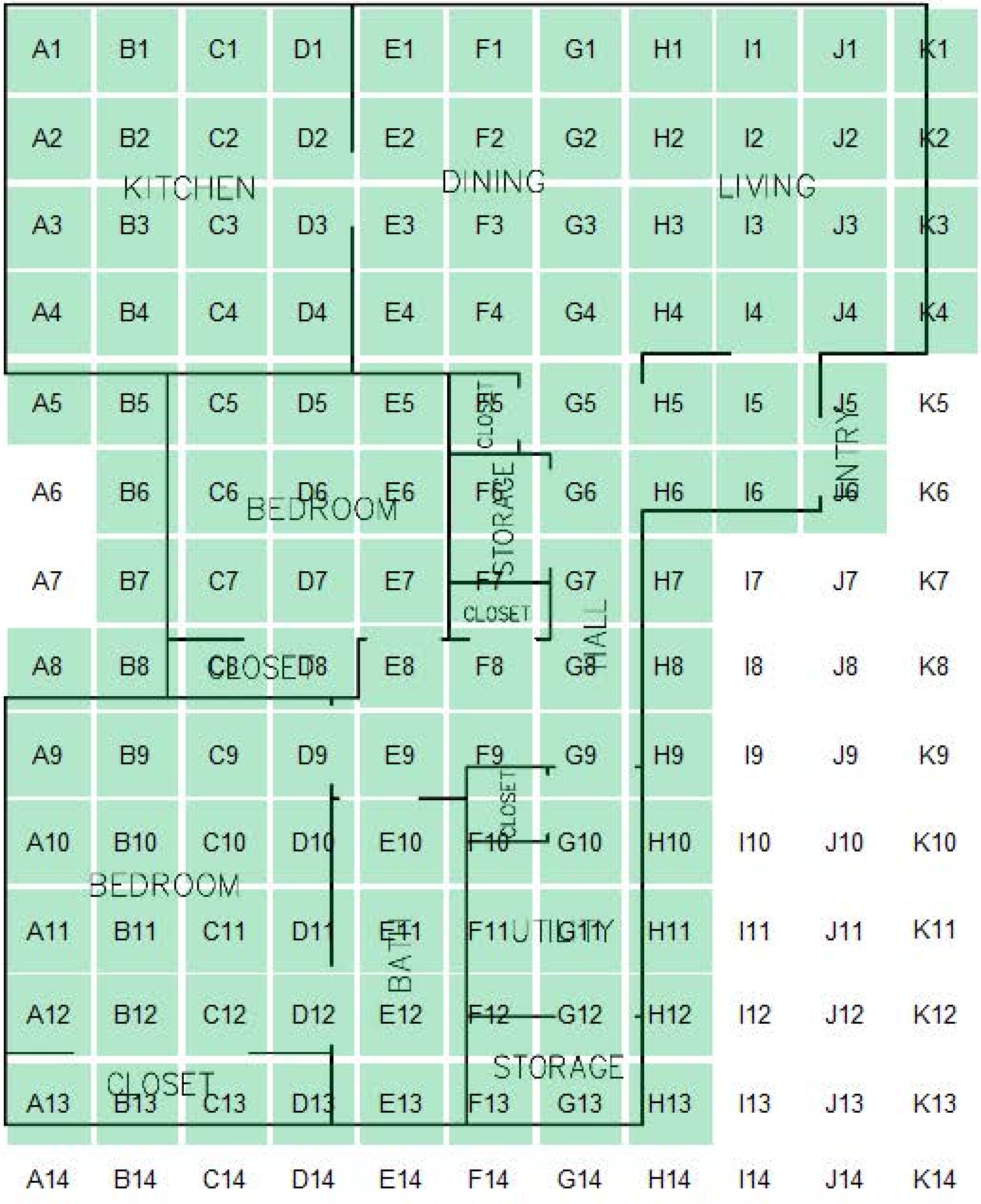
Completion Date:	6/19/2014 1:29 PM	
Instrument:	193-6	
Serial #:	309136	
Layout:	Floor Plan 8	
Background Reading:	4.0	uR/hr
Dimensions (m):	D	W
Unit Furnished:	Yes	
Tenant Present:	Yes	
Unit Notes:		

Summary Statistics :

Total # of Readings:	119	
Average:	3.12	uR/hr
Standard Deviation:	0.36	uR/hr
Minimum:	2.40	uR/hr
Maximum:	4.80	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



Survey Information:

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
A1	3.2	uR/hr	No	Partial grid- Installed base cabinets	Kitchen		uR/hr	
A2	3.2	uR/hr	No	Partial grid- Installed sink	Kitchen		uR/hr	
A3	3.2	uR/hr	No	Partial grid- Installed dishwasher	Kitchen		uR/hr	
A4	2.8	uR/hr	No	Partial grid- Installed base cabinets	Kitchen		uR/hr	
A5		uR/hr	No	outside, exterior grid, kitchen is 3.8 x 3.8 meters	Kitchen		uR/hr	
A8	3.6	uR/hr	No		Bedroom		uR/hr	
A9	3.2	uR/hr	No		Bedroom		uR/hr	
A10	3.2	uR/hr	No		Bedroom		uR/hr	
A11	3.2	uR/hr	No		Bedroom		uR/hr	
A12	3.2	uR/hr	No		Bedroom		uR/hr	
A13	2.8	uR/hr	No		Closet		uR/hr	
B1	3.2	uR/hr	No	Partial grid- Installed base cabinets and stove	Kitchen		uR/hr	
B1	3.8	uR/hr	No		Kitchen		uR/hr	
B2	3.2	uR/hr	No		Kitchen		uR/hr	
B3	3.2	uR/hr	No		Kitchen		uR/hr	
B4	3.6	uR/hr	No		Kitchen		uR/hr	
B5		uR/hr	No	outside exterior grid, kitchen is 3.8 x 3.8 meters	Bedroom		uR/hr	
B6		uR/hr	No	exterior grid, bedroom is 3 x 3 meters	Bedroom		uR/hr	
B7		uR/hr	No	exterior grid, bedroom is 3 x 3 meters	Bedroom		uR/hr	
B8	3.6	uR/hr	No		Bedroom		uR/hr	
B9	3.2	uR/hr	No		Bedroom		uR/hr	
B10	3.2	uR/hr	No		Bedroom		uR/hr	
B11	2.8	uR/hr	No		Bedroom		uR/hr	
B12	2.8	uR/hr	No		Bedroom		uR/hr	
B13	3.2	uR/hr	No		Closet		uR/hr	
C1	3.2	uR/hr	No	Partial grid- Installed base cabinets	Kitchen		uR/hr	
C2	3.2	uR/hr	No		Kitchen		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
C3	3.2	uR/hr	No		Kitchen		uR/hr	
C4	3.2	uR/hr	No		Kitchen		uR/hr	
C5	2.8	uR/hr	No	20% accessible in bedroom	Bedroom		uR/hr	
C6	3.2	uR/hr	No		Bedroom		uR/hr	
C7	3.2	uR/hr	No		Bedroom		uR/hr	
C8	3.2	uR/hr	No		Bedroom	3.2	uR/hr	Closet
C9	3.2	uR/hr	No		Bedroom		uR/hr	
C10	3.2	uR/hr	No		Bedroom		uR/hr	
C11	3.2	uR/hr	No		Bedroom		uR/hr	
C12	3.6	uR/hr	No		Bedroom		uR/hr	
C13	3.2	uR/hr	No		Closet		uR/hr	
D1	2.8	uR/hr	No	Partial grid- Installed refrigerator	Kitchen		uR/hr	
D2	3.2	uR/hr	No		Kitchen	4.0	uR/hr	Living Room
D3	3.2	uR/hr	No		Kitchen	3.6	uR/hr	Living Room
D4	2.8	uR/hr	No		Kitchen	3.6	uR/hr	Living Room
D5	2.8	uR/hr	No		Bedroom		uR/hr	Kitchen
D6	3.2	uR/hr	No		Bedroom		uR/hr	
D7	2.8	uR/hr	No		Bedroom		uR/hr	
D8	2.8	uR/hr	No		Bedroom	2.8	uR/hr	Closet
D9	3.2	uR/hr	No		Hallway		uR/hr	
D10	3.2	uR/hr	No	90% accessible	Bathroom		uR/hr	
D11	3.6	uR/hr	No	80% accessible	Bathroom		uR/hr	
D12	4.0	uR/hr	No	80% accessible	Bathroom		uR/hr	
D13	4.8	uR/hr	No	80% accessible	Bathroom		uR/hr	
E1	3.2	uR/hr	No		Dining Room		uR/hr	
E2	3.2	uR/hr	No		Dining Room		uR/hr	
E3	3.2	uR/hr	No		Dining Room		uR/hr	
E4	2.8	uR/hr	No		Dining Room		uR/hr	Bedroom

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
E5	2.8	uR/hr	No		Bedroom		uR/hr	
E6	2.8	uR/hr	No		Bedroom		uR/hr	
E7	2.8	uR/hr	No		Bedroom		uR/hr	
E8	3.2	uR/hr	No		Hallway		uR/hr	
E9	2.8	uR/hr	No		Hallway		uR/hr	
E10	3.2	uR/hr	No	2x2" tiles	Bathroom		uR/hr	
E11	3.6	uR/hr	No	tiles	Bathroom		uR/hr	
E12	4.4	uR/hr	No	tiles	Bathroom		uR/hr	
E13	4.4	uR/hr	No	tiles	Bathroom		uR/hr	
F1	3.6	uR/hr	No		Dining Room		uR/hr	
F2	3.2	uR/hr	No		Dining Room		uR/hr	
F3	3.2	uR/hr	No		Dining Room		uR/hr	
F4	2.8	uR/hr	No		Dining Room		uR/hr	
F5	2.8	uR/hr	No	10% in bedroom	Closet	2.8	uR/hr	Bedroom
F6	2.4	uR/hr	No	20% accessible, installed heater on majority of grid	Storage	2.8	uR/hr	Bedroom
F7	2.4	uR/hr	No	10% accessible in bedroom, remainder is installed furnace	Storage	2.8	uR/hr	Bedroom
F8	2.8	uR/hr	No		Hallway		uR/hr	
F9	2.8	uR/hr	No		Hallway	2.8	uR/hr	Closet
F10	2.8	uR/hr	No	near toilet	Utility	3.2	uR/hr	Bathroom
F11	3.2	uR/hr	No	toilet area	Utility	4.0	uR/hr	Bathroom
F12	3.2	uR/hr	No	toilet area	Storage	4.4	uR/hr	Bathroom
F13	3.6	uR/hr	No	3.2 background reading on second day	Storage	4.8	uR/hr	Bathroom
G1	3.2	uR/hr	No		Dining Room		uR/hr	
G2	3.2	uR/hr	No		Dining Room		uR/hr	
G3	3.2	uR/hr	No		Dining Room		uR/hr	
G4	2.8	uR/hr	No		Dining Room		uR/hr	
G5	2.8	uR/hr	No		Hallway		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
G6	2.8	uR/hr	No		Hallway		uR/hr	
G7	2.8	uR/hr	No		Hallway	2.8	uR/hr	Closet
G8	2.8	uR/hr	No		Hallway		uR/hr	
G9	2.8	uR/hr	No		Hallway		uR/hr	
G10	2.8	uR/hr	No	90% accessible washer installed	Utility		uR/hr	
G11	2.8	uR/hr	No	90% accessible with dryer installed	Utility		uR/hr	
G12	3.2	uR/hr	No		Storage		uR/hr	
G13	3.2	uR/hr	No		Storage		uR/hr	
H1	3.2	uR/hr	No		Living Room		uR/hr	
H2	3.2	uR/hr	No		Living Room		uR/hr	
H3	2.8	uR/hr	No		Living Room		uR/hr	
H4	2.8	uR/hr	No		Living Room		uR/hr	
H5	2.8	uR/hr	No		Hallway		uR/hr	
H6	2.8	uR/hr	No	40% accessible, remainder in garage	Hallway		uR/hr	
H7	2.8	uR/hr	No	20% accessible, remainder in garage	Hallway		uR/hr	
H8	2.8	uR/hr	No	20% accessible, remainder in garage	Hallway		uR/hr	
H9	2.8	uR/hr	No	20% accessible, remainder in garage	Hallway		uR/hr	
H10	2.8	uR/hr	No	20% accessible, remainder in garage	Utility	2.8	uR/hr	Hallway
H11	2.8	uR/hr	No	20% accessible, remainder in garage	Utility		uR/hr	
H12	2.8	uR/hr	No		Utility		uR/hr	
H13	2.8	uR/hr	No	20% accessible, remainder in garage	Storage		uR/hr	
I1	3.2	uR/hr	No		Living Room		uR/hr	
I2	3.2	uR/hr	No		Living Room		uR/hr	
I3	3.2	uR/hr	No		Living Room		uR/hr	
I4	3.2	uR/hr	No		Living Room		uR/hr	
I5	2.8	uR/hr	No		Hallway		uR/hr	
I6	2.8	uR/hr	No	30% accessible, remainder in garage	Hallway		uR/hr	
J1	3.2	uR/hr	No		Living Room		uR/hr	

Grid	Reading	Reading Units	Anomaly	Notes	Cell Description	Second Reading	Second Reading Units	Second Reading Cell Description
J2	3.2	uR/hr	No		Living Room		uR/hr	
J3	3.2	uR/hr	No		Living Room		uR/hr	
J4	3.2	uR/hr	No		Living Room		uR/hr	
J5	3.2	uR/hr	No	Second reading after large cabinet removed	Hallway	3.2	uR/hr	Hallway
J6	3.2	uR/hr	No		Hallway		uR/hr	
K1	3.2	uR/hr	No		Living Room		uR/hr	
K2	3.2	uR/hr	No		Living Room		uR/hr	
K3	3.2	uR/hr	No		Living Room		uR/hr	
K4	3.2	uR/hr	No		Living Room		uR/hr	

CBI Supervisor : Adam Hickok

Signature :

Senior Technician : Phillip Perez

Signature :

Signoff Notes:

Summary Report
1447 Chinook Court Unit G1

Unit Summary :

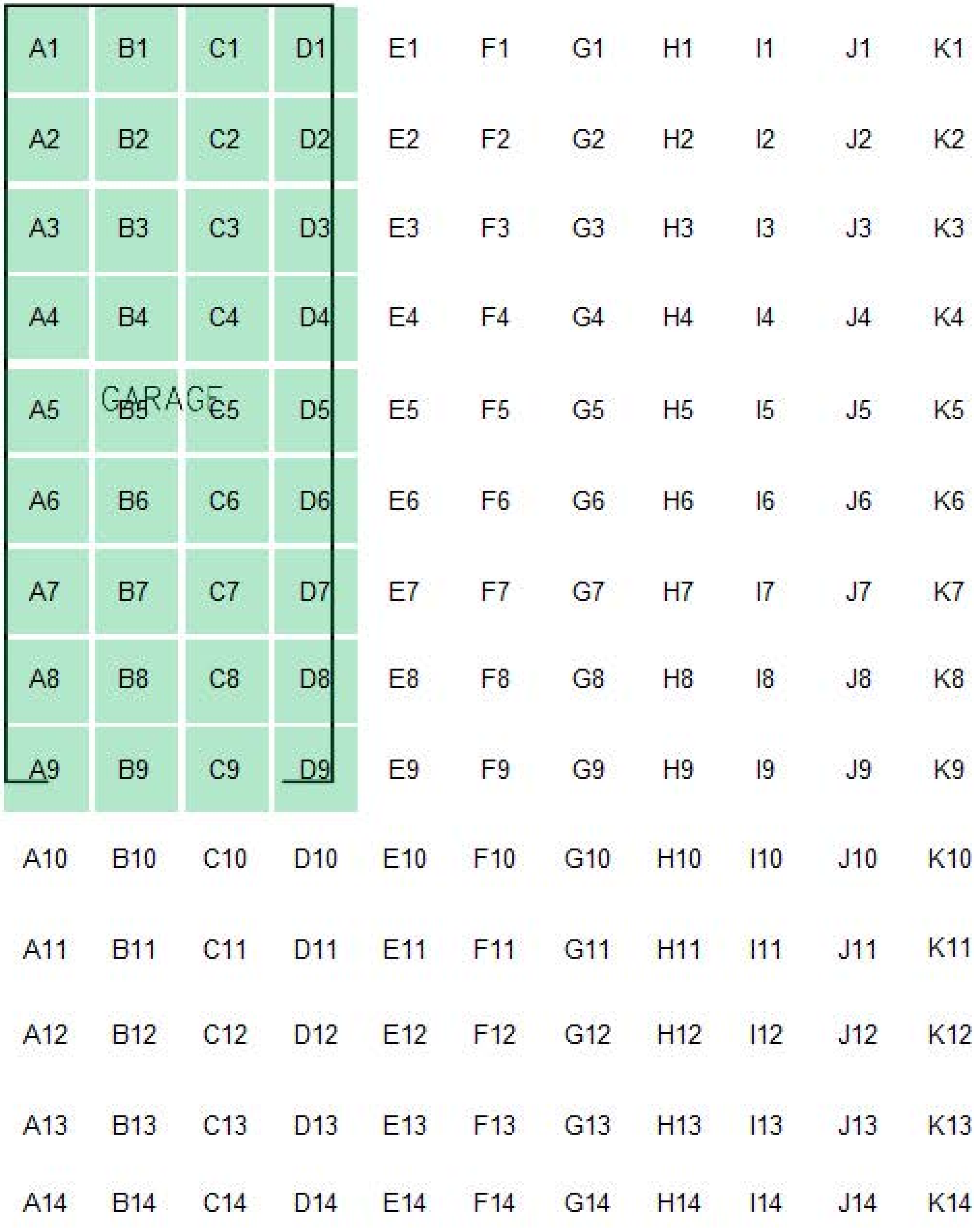
Completion Date:	6/27/2014 2:23 PM	
Instrument:	193-6	
Serial #:	293633	
Layout:	Garage	
Background Reading:	3.6	uR/hr
Dimensions (m):	D 8.1	W 3.3
Unit Furnished:	Yes	
Tenant Present:	No	
Unit Notes:		

Summary Statistics :

Total # of Readings:	36	
Average:	3.34	uR/hr
Standard Deviation:	0.19	uR/hr
Minimum:	3.20	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Tina Piquet

Senior Technician : Daphne Degering

Signature :

Signature :

Signoff Notes:

Summary Report
1447 Chinook Court Unit G2

Unit Summary :

Completion Date:	6/27/2014 2:15 PM
Instrument:	193-6
Serial #:	309110
Layout:	Garage
Background Reading:	3.6 uR/hr
Dimensions (m):	D 8.1 W 3.3
Unit Furnished:	Yes
Tenant Present:	No
Unit Notes:	

Summary Statistics :

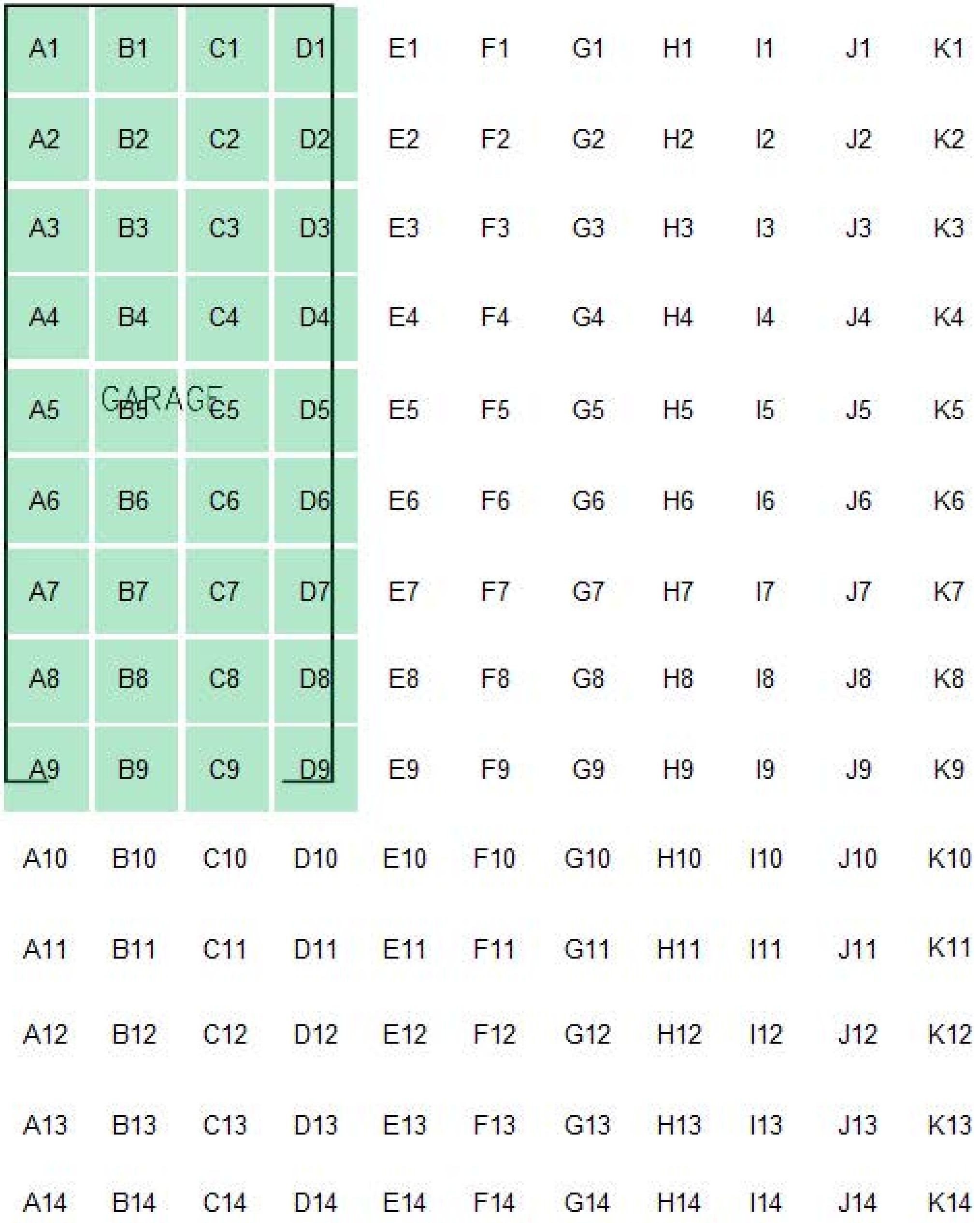
Total # of Readings:	36	
Average:	3.43	uR/hr
Standard Deviation:	0.20	uR/hr
Minimum:	3.20	uR/hr
Maximum:	3.60	uR/hr
Median:	3.60	uR/hr
# Anomalies:	0	

Grid Legend:

🟩 No anomalous measurements

🟨 Inaccessible (no measurement collected)

🟥 Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible, static reading 5" from floor due to non removable shelf
D2	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible, static reading 5" from floor due to non removable shelf
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible, static reading 5" from floor due to non removable shelf
D4	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Carlos Bernal

Signature :

Carlos Bernal

Senior Technician : Antonio Neotti

Signature :

Signoff Notes:

Summary Report
1447 Chinook Court Unit G3

Unit Summary :

Completion Date: 6/27/2014 1:34 PM

Instrument: 193-6

Serial #: 293633

Layout: Garage

Background Reading: 3.2 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: No

Unit Notes:

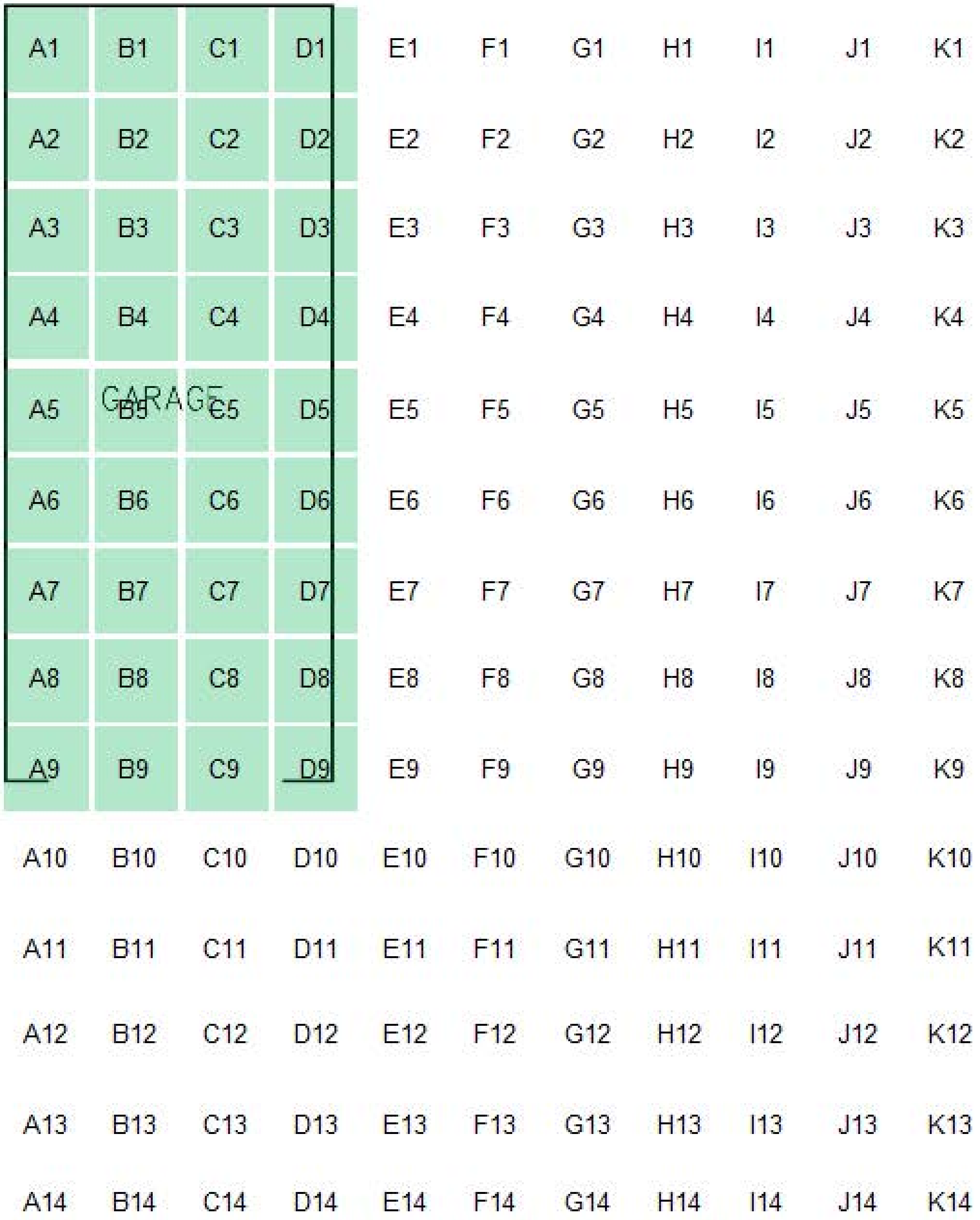
Garage used as gym weight room

Summary Statistics :

Total # of Readings:	36	
Average:	3.36	uR/hr
Standard Deviation:	0.22	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.60	uR/hr
Median:	3.20	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	2.8	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Tina Piquet

Senior Technician : Daphne Degering

Signature :

Signature :

Signoff Notes:

Summary Report
1447 Chinook Court Unit G4

Unit Summary :

Completion Date: 6/27/2014 1:48 PM

Instrument: 193-6

Serial #: 309127

Layout: Garage

Background Reading: 3.6 uR/hr

Dimensions (m): D 8.1 W 3.2

Unit Furnished: Yes

Tenant Present: No

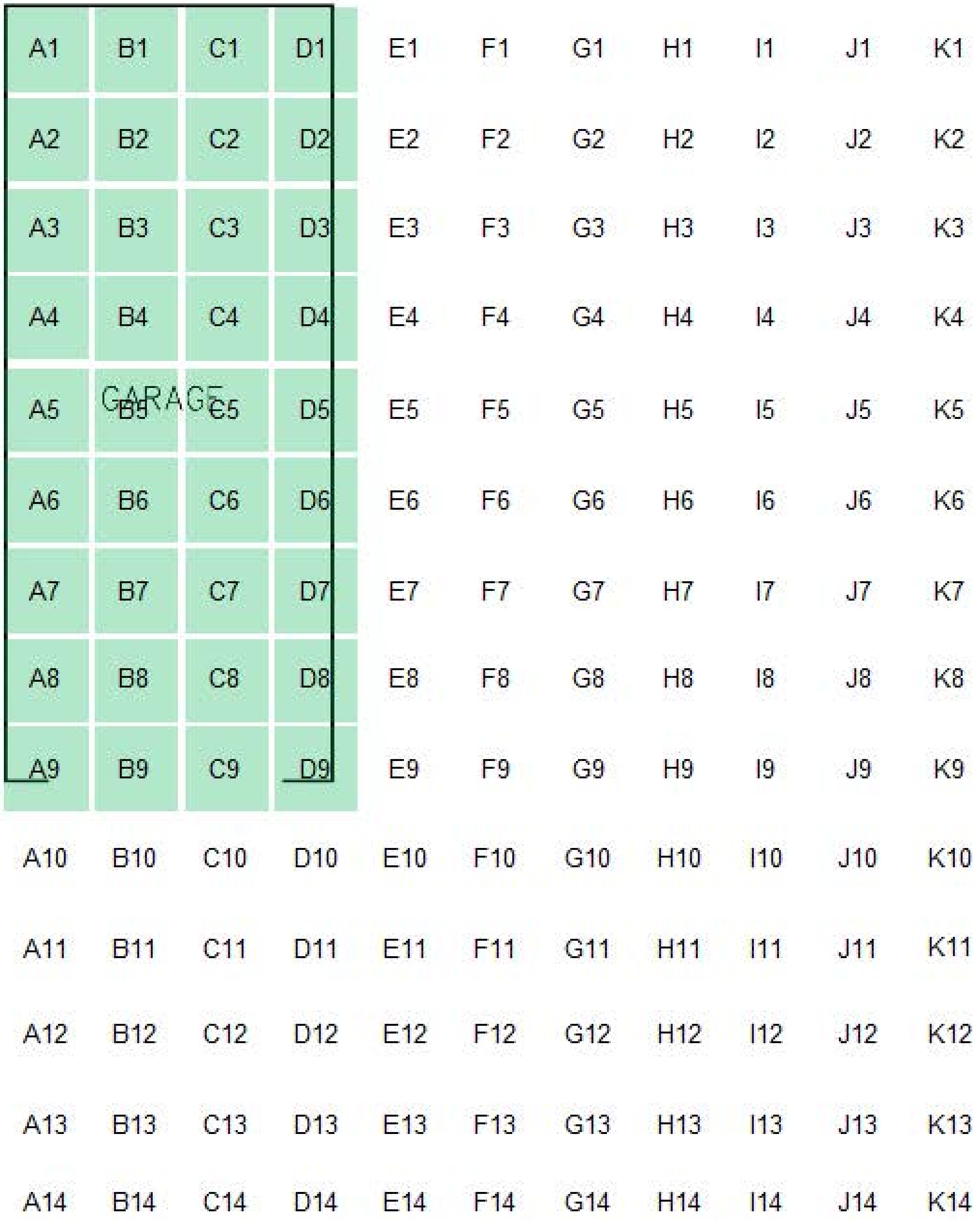
Unit Notes:

Summary Statistics :

Total # of Readings:	36	
Average:	3.64	uR/hr
Standard Deviation:	0.19	uR/hr
Minimum:	3.20	uR/hr
Maximum:	4.00	uR/hr
Median:	3.60	uR/hr
# Anomalies:	0	

Grid Legend:

- 🟩 No anomalous measurements
- 🟨 Inaccessible (no measurement collected)
- 🟥 Anomaly (elevated measurement)



🟩 A1	🟩 B1	🟩 C1	🟩 D1	E1	F1	G1	H1	I1	J1	K1
🟩 A2	🟩 B2	🟩 C2	🟩 D2	E2	F2	G2	H2	I2	J2	K2
🟩 A3	🟩 B3	🟩 C3	🟩 D3	E3	F3	G3	H3	I3	J3	K3
🟩 A4	🟩 B4	🟩 C4	🟩 D4	E4	F4	G4	H4	I4	J4	K4
🟩 A5	🟩 B5	🟩 C5	🟩 D5	E5	F5	G5	H5	I5	J5	K5
🟩 A6	🟩 B6	🟩 C6	🟩 D6	E6	F6	G6	H6	I6	J6	K6
🟩 A7	🟩 B7	🟩 C7	🟩 D7	E7	F7	G7	H7	I7	J7	K7
🟩 A8	🟩 B8	🟩 C8	🟩 D8	E8	F8	G8	H8	I8	J8	K8
🟩 A9	🟩 B9	🟩 C9	🟩 D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	

Summary Report
1447 Chinook Court Unit G4

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D2	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D3	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D4	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D5	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D6	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D7	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D8	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	20% accessible
D9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Garrick Anderson

Signature :

Senior Technician : Patricia Lozano

Signature :

Patricia Lozano

Signoff Notes:

Summary Report
1449 Croaker Court Unit A

Unit Summary :

Completion Date:	8/14/2014 11:32 AM
Instrument:	193-6
Serial #:	309110
Layout:	Floor Plan 8
Background Reading:	3.2 uR/hr
Dimensions (m):	D 12.3 W 10.1
Unit Furnished:	Yes
Tenant Present:	Yes

Unit Notes:

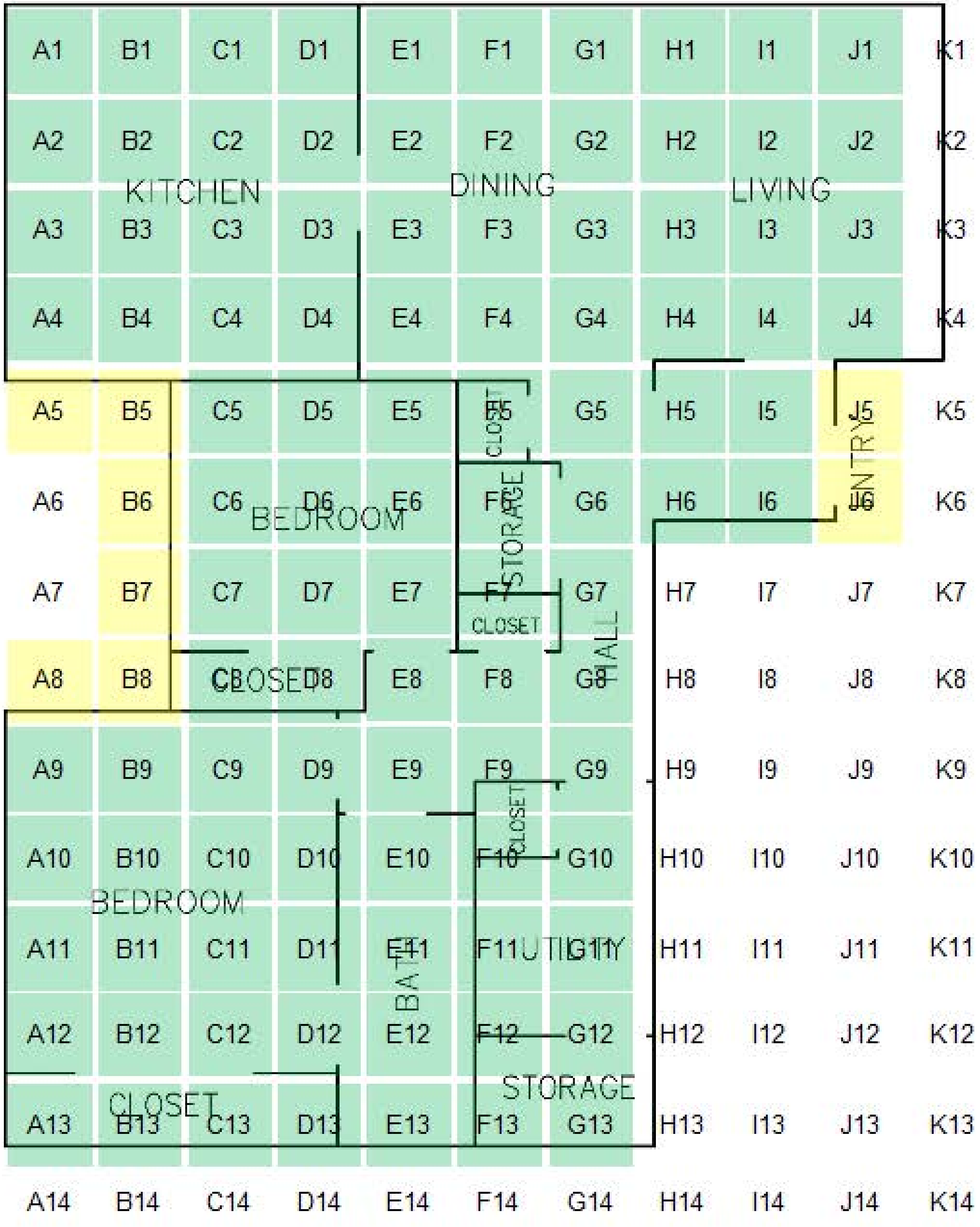
K1-K4, H7-H13 grids (less than 6") were surveyed with J1-J4, G7-G13. B5-B8, A5, A8, J5, J6 grids are outside unit interior boundary.

Summary Statistics :

Total # of Readings:	126	
Average:	3.56	uR/hr
Standard Deviation:	0.33	uR/hr
Minimum:	3.20	uR/hr
Maximum:	5.00	uR/hr
Median:	3.40	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.2	uR/hr	Kitchen	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	
A2	3.6	uR/hr	Kitchen	Installed Dishwasher.		uR/hr				uR/hr			No	40% accessible
A3	3.6	uR/hr	Kitchen	Installed base cabinets.		uR/hr				uR/hr			No	80% accessible
A4	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
A5		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
A8		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
A9	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
A10	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
A11	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
A12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
A13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
B1	3.6	uR/hr	Kitchen	Installed Stove.		uR/hr				uR/hr			No	40% accessible
B2	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
B5		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
B6		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
B7		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
B8		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
B9	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
B10	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
B11	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
B12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
B13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
C1	3.6	uR/hr	Kitchen	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	
C2	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
C3	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
C4	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
C5	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
C6	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
C8	3.6	uR/hr	Closet		3.6	uR/hr	Bathroom			uR/hr			No	
C9	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
C10	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
C11	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
C12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D1	3.6	uR/hr	Kitchen		5.0	uR/hr	Living Room			uR/hr			No	moved refrigerator to survey grid. surveyed with model 19 s/n 267078 on non-movable bookcase, background standard location entry 1 meter 4µR/hr.
D2	3.6	uR/hr	Kitchen		5.0	uR/hr	Dining Room			uR/hr			No	surveyed with model 19 s/n 267078 on non-movable bookcase, background 4µR/hr.
D3	3.6	uR/hr	Kitchen		3.6	uR/hr	Dining Room			uR/hr			No	
D4	3.6	uR/hr	Kitchen		3.2	uR/hr	Dining Room			uR/hr			No	
D5	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
D6	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
D7	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
D8	3.6	uR/hr	Closet		3.2	uR/hr	Bathroom			uR/hr			No	
D9	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
D10	3.6	uR/hr	Bedroom		3.2	uR/hr	Bathroom			uR/hr			No	
D11	3.6	uR/hr	Bedroom		3.6	uR/hr	Bathroom			uR/hr			No	
D12	3.6	uR/hr	Bedroom		3.6	uR/hr	Bathroom			uR/hr			No	
D13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.	4.0	uR/hr	Bathroom			uR/hr			No	30% accessible. surveyed inside bathtub

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
E1	3.2	uR/hr	Dining Room		5.0	uR/hr	Dining Room			uR/hr			No	second reading performed with model 19 s/n 267078 on non-movable bookcase, background standard location entry 1 meter 4μR/hr.
E2	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
E3	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
E4	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
E5	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
E6	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
E7	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
E8	3.6	uR/hr	Hallway		3.6	uR/hr	Bedroom			uR/hr			No	
E9	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	
E10	3.2	uR/hr	Bathroom	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	
E11	3.6	uR/hr	Bathroom	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	
E12	3.6	uR/hr	Bathroom			uR/hr				uR/hr			No	
E13	4.0	uR/hr	Bathroom	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible. surveyed inside bathtub
F1	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
F2	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
F3	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
F4	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	

Summary Report
1449 Croaker Court Unit A

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
F5	3.2	uR/hr	Closet			uR/hr				uR/hr			No	
F6	3.2	uR/hr	Mech Room	Installed furnace.	3.2	uR/hr	Closet			uR/hr			No	30% accessible
F7	3.2	uR/hr	Mech Room	Installed water heater.	3.2	uR/hr	Closet			uR/hr			No	70% accessible. reading .6 meters from floor
F8	3.6	uR/hr	Hallway		3.2	uR/hr	Closet			uR/hr			No	
F9	3.2	uR/hr	Hallway		3.6	uR/hr	Closet			uR/hr			No	
F10	3.6	uR/hr	Closet		3.6	uR/hr	Utility			uR/hr			No	
F11	3.6	uR/hr	Utility			uR/hr				uR/hr			No	moved washer to survey grid.
F12	3.6	uR/hr	Utility		3.2	uR/hr	Storage			uR/hr			No	moved dryer to survey grid
F13	3.6	uR/hr	Storage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
G1	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
G2	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
G3	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
G4	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
G5	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	
G6	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
G7	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
G8	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
G9	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
G10	3.2	uR/hr	Utility			uR/hr				uR/hr			No	
G11	3.2	uR/hr	Utility			uR/hr				uR/hr			No	
G12	3.6	uR/hr	Utility		3.6	uR/hr	Storage			uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
G13	5.0	uR/hr	Storage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible. surveyed with model 19 s/n 267078 on non-movable bookcase, background standard location entry 1 meter 4μR/hr.
H1	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
H2	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
H3	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
H4	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	static reading taken on non-movable fish tank at 3"
H5	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
H6	3.6	uR/hr	Hallway	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	70% accessible
I1	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
I2	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
I3	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
I4	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	static reading taken on non-movable fish tank at 3"
I5	3.6	uR/hr	Hallway			uR/hr				uR/hr			No	
I6	3.6	uR/hr	Hallway	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	70% accessible
J1	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
J2	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
J3	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
J4	4.0	uR/hr	Living Room			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
J5		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
J6		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan

CBI Supervisor : Carlos Bernal

Senior Technician : Antonio Neotti

Signature :

Carlos Bernal

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit F

Unit Summary :

Completion Date: 8/14/2014 1:37 PM

Instrument: 193-6

Serial #: 309119

Layout: Floor Plan 8B

Background Reading: 3.6 uR/hr

Dimensions (m): D 10.1 W 12.4

Unit Furnished: Yes

Tenant Present: Yes

Unit Notes:

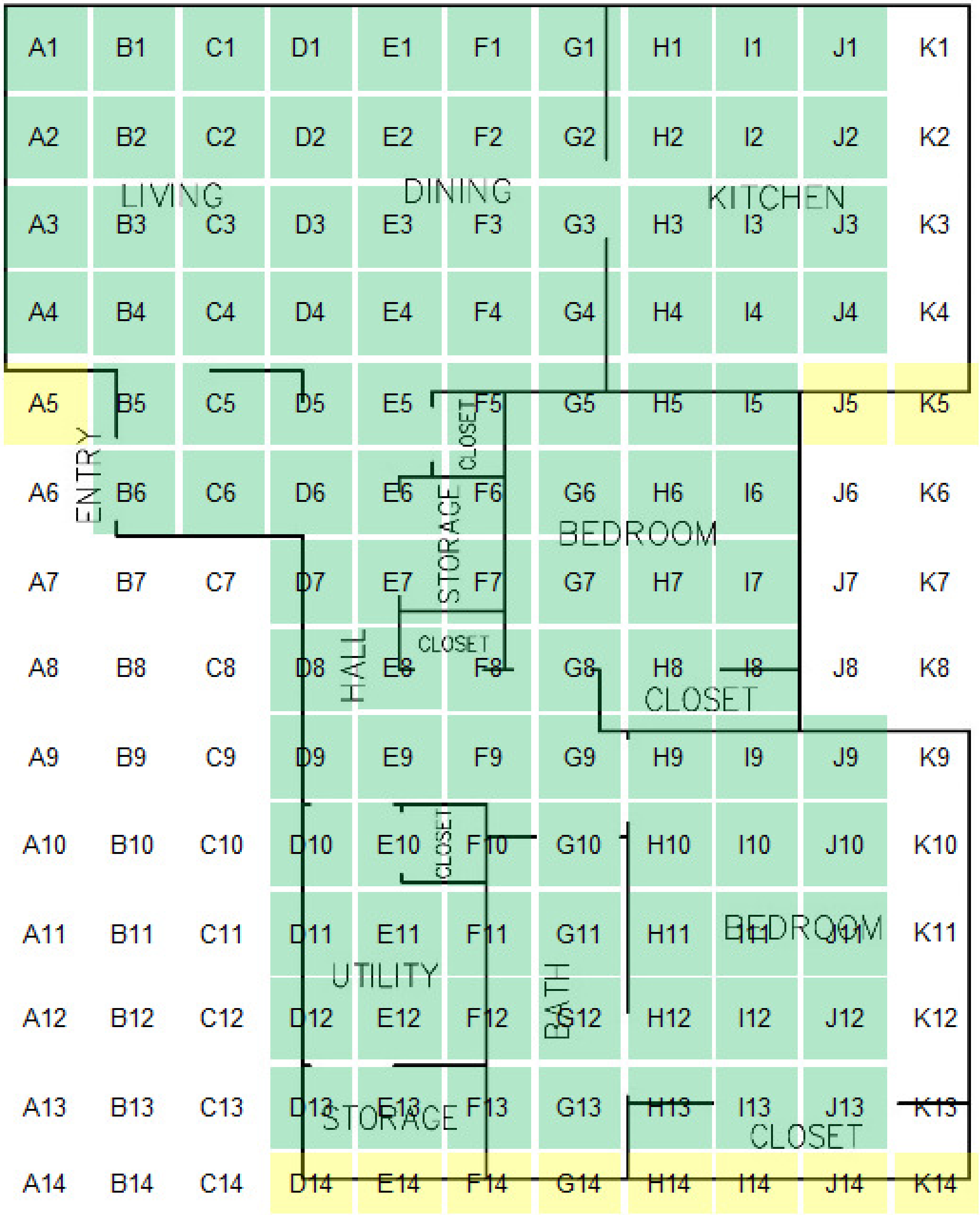
Grids K1-K4 and K9-K13 less than 6" wide, surveyed with adjacent grids. Grids in row 14, A5, J5 and K5 fall outside unit interior floor plan.

Summary Statistics :

Total # of Readings:	132	
Average:	3.29	uR/hr
Standard Deviation:	0.21	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.60	uR/hr
Median:	3.00	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



🟩 A1	🟩 B1	🟩 C1	🟩 D1	🟩 E1	🟩 F1	🟩 G1	🟩 H1	🟩 I1	🟩 J1	K1
🟩 A2	🟩 B2	🟩 C2	🟩 D2	🟩 E2	🟩 F2	🟩 G2	🟩 H2	🟩 I2	🟩 J2	K2
🟩 A3	🟩 B3	🟩 C3	🟩 D3	🟩 E3	🟩 F3	🟩 G3	🟩 H3	🟩 I3	🟩 J3	K3
🟩 A4	🟩 B4	🟩 C4	🟩 D4	🟩 E4	🟩 F4	🟩 G4	🟩 H4	🟩 I4	🟩 J4	K4
🟨 A5	🟩 B5	🟩 C5	🟩 D5	🟩 E5	🟩 F5	🟩 G5	🟩 H5	🟩 I5	🟨 J5	🟨 K5
A6	🟩 B6	🟩 C6	🟩 D6	🟩 E6	🟩 F6	🟩 G6	🟩 H6	🟩 I6	J6	K6
A7	B7	C7	🟩 D7	🟩 E7	🟩 F7	🟩 G7	🟩 H7	🟩 I7	J7	K7
A8	B8	C8	🟩 D8	🟩 E8	🟩 F8	🟩 G8	🟩 H8	🟩 I8	J8	K8
A9	B9	C9	🟩 D9	🟩 E9	🟩 F9	🟩 G9	🟩 H9	🟩 I9	🟩 J9	K9
A10	B10	C10	🟩 D10	🟩 E10	🟩 F10	🟩 G10	🟩 H10	🟩 I10	🟩 J10	K10
A11	B11	C11	🟩 D11	🟩 E11	🟩 F11	🟩 G11	🟩 H11	🟩 I11	🟩 J11	K11
A12	B12	C12	🟩 D12	🟩 E12	🟩 F12	🟩 G12	🟩 H12	🟩 I12	🟩 J12	K12
A13	B13	C13	🟩 D13	🟩 E13	🟩 F13	🟩 G13	🟩 H13	🟩 I13	🟩 J13	K13
A14	B14	C14	🟨 D14	🟨 E14	🟨 F14	🟨 G14	🟨 H14	🟨 I14	🟨 J14	🟨 K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Living Room			uR/hr				uR/hr			No	
A5		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
B1	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Living Room		3.6	uR/hr	Hallway			uR/hr			No	
B5	3.6	uR/hr	Hallway	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	80% accessible
B6	3.2	uR/hr	Hallway	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible
C1	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Living Room		3.2	uR/hr	Hallway			uR/hr			No	
C5	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Hallway	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	50% accessible
D1	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
D2	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
D3	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
D4	3.2	uR/hr	Living Room			uR/hr				uR/hr			No	
D5	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
D6	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
D7	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
D8	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	
D9	3.2	uR/hr	Hallway		3.2	uR/hr	Utility			uR/hr			No	
D10	3.2	uR/hr	Utility			uR/hr				uR/hr			No	
D11	3.2	uR/hr	Utility			uR/hr				uR/hr			No	
D12	3.2	uR/hr	Utility		3.2	uR/hr	Storage			uR/hr			No	
D13	3.6	uR/hr	Storage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible
D14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
E1	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
E2	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
E3	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
E4	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
E5	3.2	uR/hr	Hallway		3.2	uR/hr	Closet			uR/hr			No	
E6	2.8	uR/hr	Mech Room	Installed furnace.		uR/hr				uR/hr			No	50% accessible, mech room static taken at 0.5 meters above ground floor
E7	2.8	uR/hr	Mech Room	Installed water heater.	3.2	uR/hr	Closet			uR/hr			No	70% accessible, mech room static taken at 0.5 meters above ground floor
E8	3.2	uR/hr	Dining Room		3.2	uR/hr	Kitchen			uR/hr			No	
E9	2.8	uR/hr	Hallway		3.2	uR/hr	Closet			uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
E10	3.2	uR/hr	Closet	Clothes dryer within grid.		uR/hr				uR/hr			No	50% accessible, Installed dryer not moved per resident request due to re-balance issues.
E11	3.2	uR/hr	Utility			uR/hr				uR/hr			No	
E12	3.2	uR/hr	Utility	Washing machine within grid.	3.2	uR/hr	Storage			uR/hr			No	Installed washer moved for survey
E13	3.6	uR/hr	Storage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible
E14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
F1	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
F2	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
F3	3.6	uR/hr	Dining Room			uR/hr				uR/hr			No	
F4	3.2	uR/hr	Dining Room			uR/hr				uR/hr			No	
F5	3.2	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	80% accessible
F6	3.2	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	80% accessible
F7	2.8	uR/hr	Bedroom	Grid partially contained within wall construction.		uR/hr				uR/hr			No	80% accessible
F8	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
F9	3.2	uR/hr	Hallway			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
F10	3.2	uR/hr	Bathroom	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	
F11	3.6	uR/hr	Bathroom			uR/hr				uR/hr			No	
F12	3.6	uR/hr	Bathroom			uR/hr				uR/hr			No	
F13	3.6	uR/hr	Bathroom	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible, static reading taken in tub area at 12" above ground floor
F14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
G1	2.8	uR/hr	Dining Room		3.2	uR/hr	Kitchen	Installed refrigerator.		uR/hr			No	50% accessible
G2	3.2	uR/hr	Dining Room		3.2	uR/hr	Kitchen			uR/hr			No	
G3	3.2	uR/hr	Dining Room		3.2	uR/hr	Kitchen			uR/hr			No	
G4	3.6	uR/hr	Dining Room		3.2	uR/hr	Kitchen			uR/hr			No	
G5	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
G6	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
G7	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
G8	3.2	uR/hr	Hallway		3.2	uR/hr	Closet			uR/hr			No	
G9	3.2	uR/hr	Hallway		3.2	uR/hr	Bedroom			uR/hr			No	
G10	3.2	uR/hr	Bathroom		3.2	uR/hr	Bedroom			uR/hr			No	
G11	3.6	uR/hr	Bathroom		3.2	uR/hr	Bedroom			uR/hr			No	
G12	3.6	uR/hr	Bathroom			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
G13	3.6	uR/hr	Bathroom	Percentage of grid falls outside of unit.	3.2	uR/hr	Bedroom			uR/hr			No	40% accessible, static reading taken in tub area at 12" above ground floor
G14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
H1	3.2	uR/hr	Kitchen	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	50% accessible, installed refrigerator
H2	3.2	uR/hr	Kitchen			uR/hr				uR/hr			No	
H3	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
H4	3.2	uR/hr	Kitchen			uR/hr				uR/hr			No	
H5	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
H6	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
H7	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
H8	3.6	uR/hr	Closet			uR/hr				uR/hr			No	
H9	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
H10	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
H11	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
H12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
H13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible
H14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
I1	3.2	uR/hr	Kitchen	Installed Stove.		uR/hr				uR/hr			No	30% accessible
I2	3.2	uR/hr	Kitchen			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
I3	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
I4	3.2	uR/hr	Kitchen	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	95% accessible
I5	3.2	uR/hr	Bedroom	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
I6	3.6	uR/hr	Bedroom	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
I7	3.6	uR/hr	Bedroom	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
I8	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
I9	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
I10	3.2	uR/hr	Bedroom			uR/hr				uR/hr			No	
I11	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
I12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
I13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible
I14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
J1	3.2	uR/hr	Kitchen	Survey performed within accessible base cabinet.		uR/hr				uR/hr			No	
J2	3.2	uR/hr	Kitchen	Installed Dishwasher.		uR/hr				uR/hr			No	60% accessible
J3	3.6	uR/hr	Kitchen			uR/hr				uR/hr			No	
J4	3.6	uR/hr	Kitchen	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	90% accessible

Summary Report
1449 Croaker Court Unit F

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
J5		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
J9	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
J10	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
J11	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
J12	3.6	uR/hr	Bedroom			uR/hr				uR/hr			No	
J13	3.6	uR/hr	Closet	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	40% accessible
J14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
K5		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan
K14		uR/hr	Outside	Grids are outside unit interior boundary.		uR/hr				uR/hr			No	Outside of floor plan

CBI Supervisor : Steve Phelps

Signature :

Senior Technician : Efraim Ramirez

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit G1

Unit Summary :

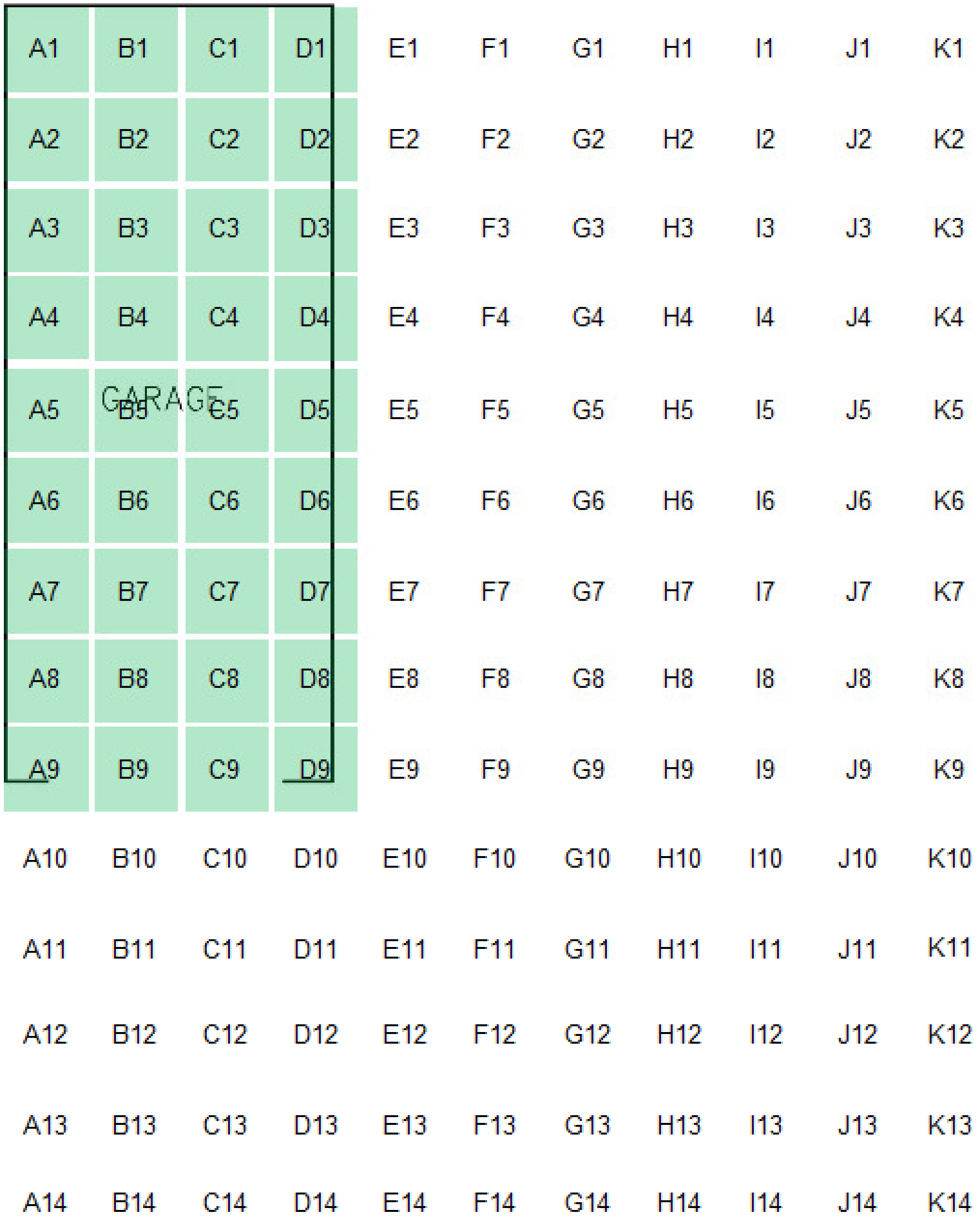
Completion Date:	8/14/2014 2:10 PM			
Instrument:	193-6			
Serial #:	309099			
Layout:	Garage			
Background Reading:	3.2	uR/hr		
Dimensions (m):	D	8.1	W	3.3
Unit Furnished:	Yes			
Tenant Present:	Yes			
Unit Notes:				

Summary Statistics :

Total # of Readings:	36	
Average:	3.24	uR/hr
Standard Deviation:	0.19	uR/hr
Minimum:	2.80	uR/hr
Maximum:	3.60	uR/hr
Median:	3.00	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C2	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C3	2.8	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible, grid scanned 3" from floor surface due do immovable cabinet
D4	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Natalie Rothell

Signature :

Senior Technician : Ricky Laguna

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit G2

Unit Summary :

Completion Date: 8/11/2014 3:49 PM

Instrument: 193-6

Serial #: 309099

Layout: Garage

Background Reading: 3.2 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: No

Unit Notes:

Summary Statistics :

Total # of Readings: 36

Average: 3.20 uR/hr

Standard Deviation: 0.00 uR/hr

Minimum: 3.20 uR/hr

Maximum: 3.20 uR/hr

Median: 3.20 uR/hr

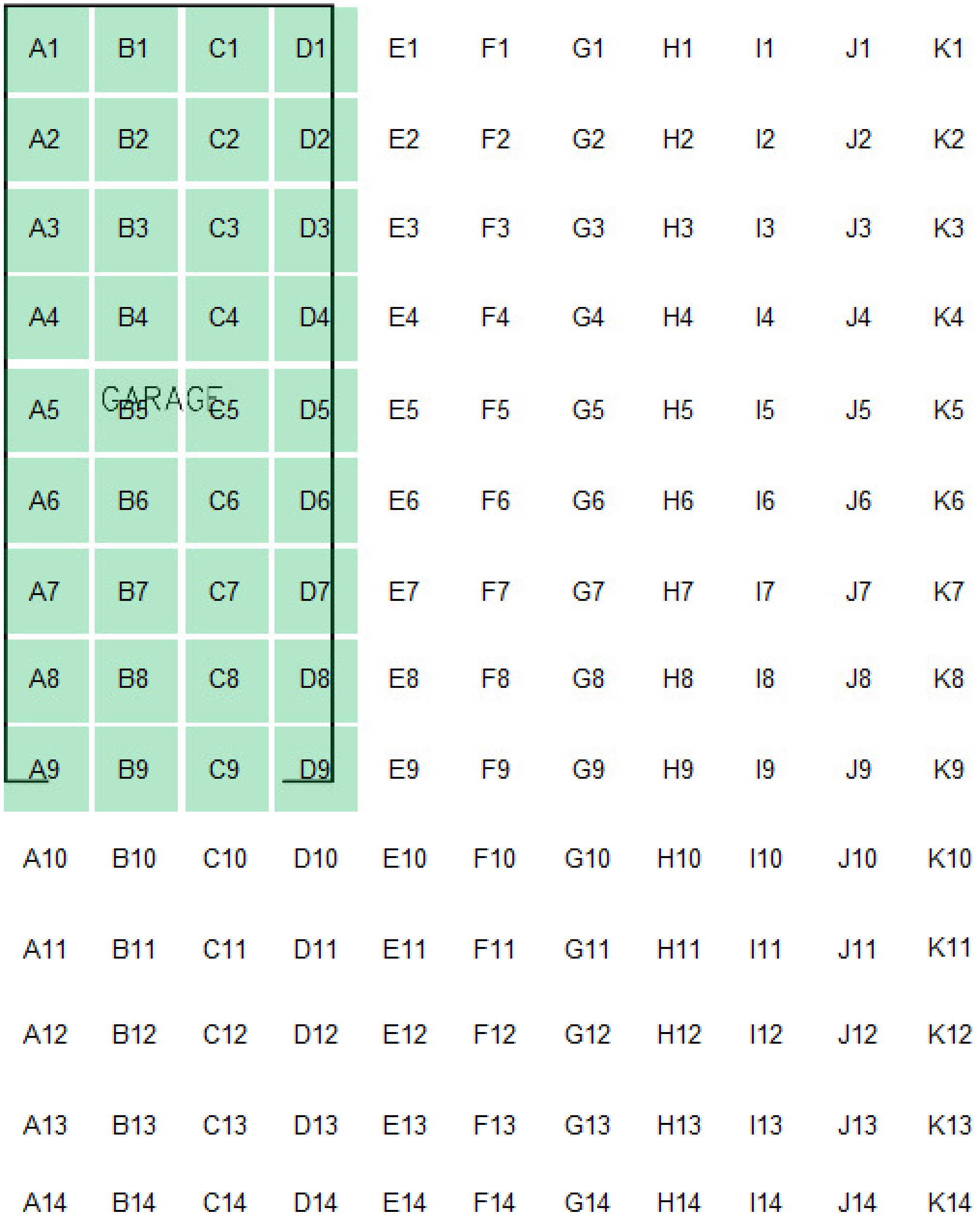
 # Anomalies: 0

Grid Legend:

🟩 No anomalous measurements

🟨 Inaccessible (no measurement collected)

🟥 Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.2	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.2	uR/hr	Garage	Grid partially obstructed by installed.		uR/hr				uR/hr			No	30% accessible
D9	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Natalie Rothell

Senior Technician : Ricky Laguna

Signature :

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit G3

Unit Summary :

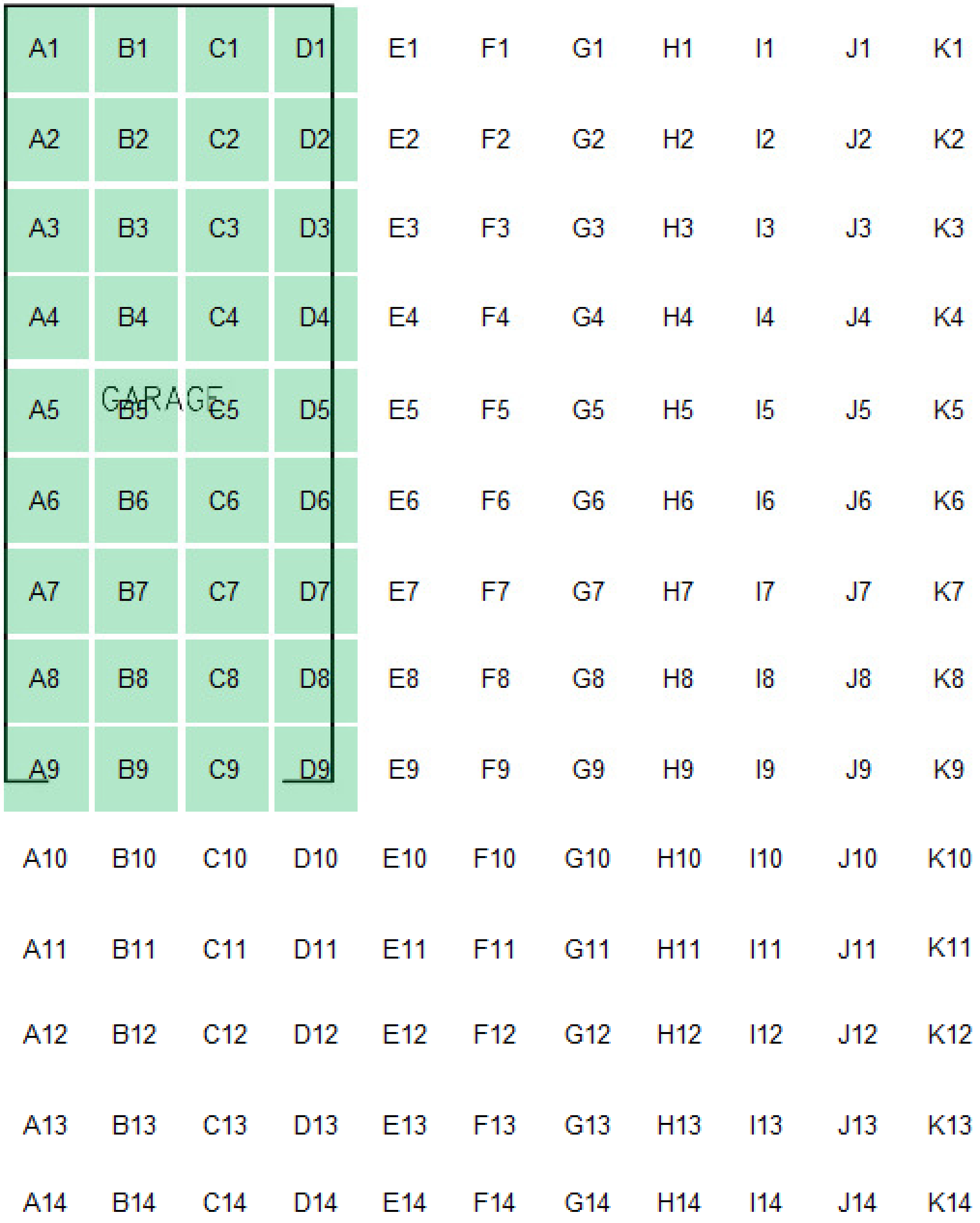
Completion Date:	8/13/2014 2:49 PM
Instrument:	193-6
Serial #:	309119
Layout:	Garage
Background Reading:	3.6 uR/hr
Dimensions (m):	D 8.1 W 3.3
Unit Furnished:	Yes
Tenant Present:	No
Unit Notes:	

Summary Statistics :

Total # of Readings:	36	
Average:	3.53	uR/hr
Standard Deviation:	0.20	uR/hr
Minimum:	3.20	uR/hr
Maximum:	4.00	uR/hr
Median:	3.40	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C4	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.2	uR/hr	Garage			uR/hr				uR/hr			No	
C7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.2	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Steve Phelps

Senior Technician : Efraim Ramirez

Signature :

S Phelps

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit G4

Unit Summary :

Completion Date: 8/14/2014 2:22 PM

Instrument: 193-6

Serial #: 309110

Layout: Garage

Background Reading: 4.0 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: Yes

Unit Notes:

Summary Statistics :

Total # of Readings: 36

Average: 3.92 uR/hr

Standard Deviation: 0.16 uR/hr

Minimum: 3.60 uR/hr

Maximum: 4.00 uR/hr

Median: 3.80 uR/hr

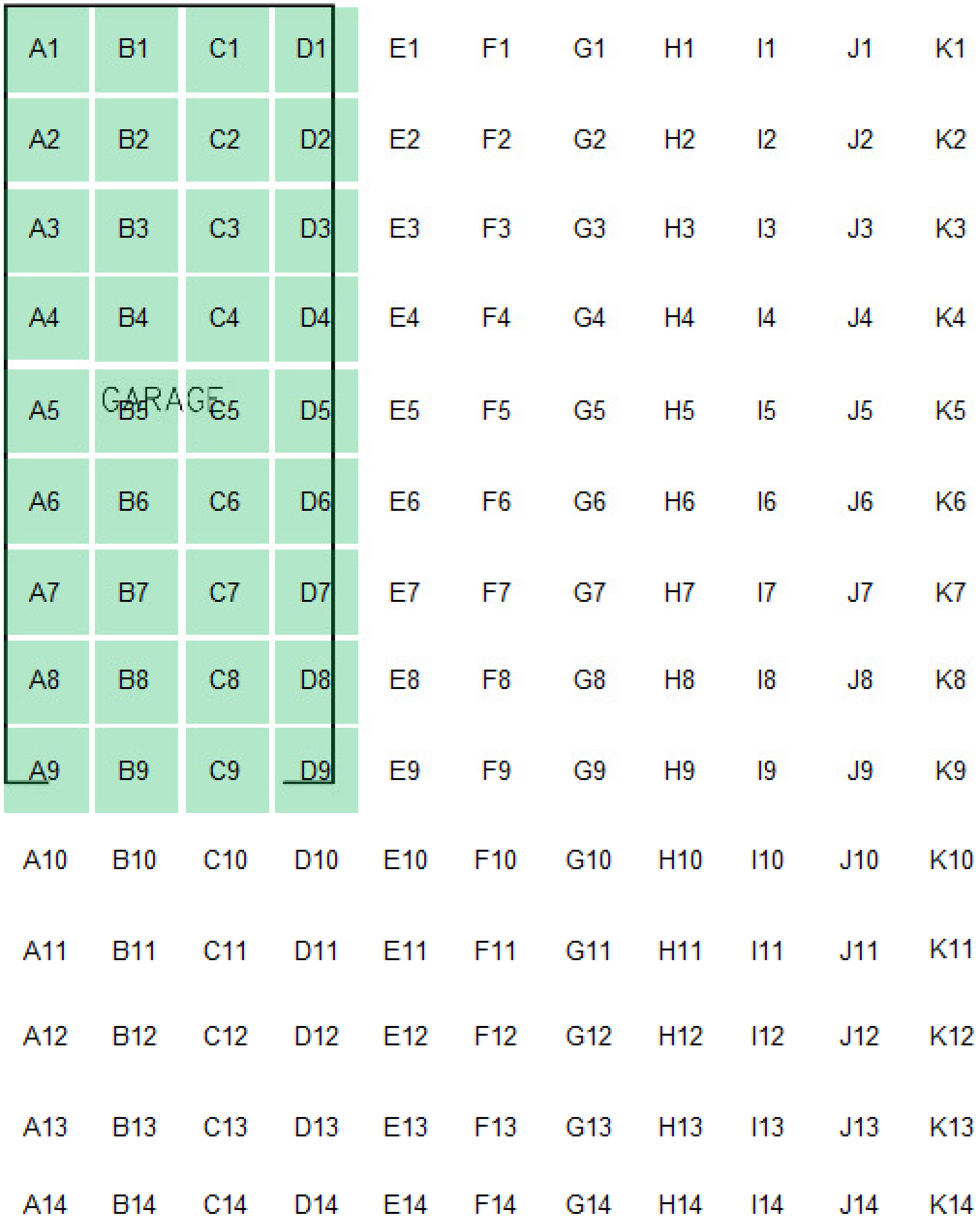
 # Anomalies: 0

Grid Legend:

🟩 No anomalous measurements

🟨 Inaccessible (no measurement collected)

🟥 Anomaly (elevated measurement)



🟩 A1	🟩 B1	🟩 C1	🟩 D1	E1	F1	G1	H1	I1	J1	K1
🟩 A2	🟩 B2	🟩 C2	🟩 D2	E2	F2	G2	H2	I2	J2	K2
🟩 A3	🟩 B3	🟩 C3	🟩 D3	E3	F3	G3	H3	I3	J3	K3
🟩 A4	🟩 B4	🟩 C4	🟩 D4	E4	F4	G4	H4	I4	J4	K4
🟩 A5	🟩 B5	🟩 C5	🟩 D5	E5	F5	G5	H5	I5	J5	K5
🟩 A6	🟩 B6	🟩 C6	🟩 D6	E6	F6	G6	H6	I6	J6	K6
🟩 A7	🟩 B7	🟩 C7	🟩 D7	E7	F7	G7	H7	I7	J7	K7
🟩 A8	🟩 B8	🟩 C8	🟩 D8	E8	F8	G8	H8	I8	J8	K8
🟩 A9	🟩 B9	🟩 C9	🟩 D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A8	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B2	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C2	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C3	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	

Summary Report
1449 Croaker Court Unit G4

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Carlos Bernal

Senior Technician : Antonio Neotti

Signature :

Carlos Bernal

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit G5

Unit Summary :

Completion Date: 8/14/2014 1:21 PM

Instrument: 193-6

Serial #: 309110

Layout: Garage

Background Reading: 3.6 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: Yes

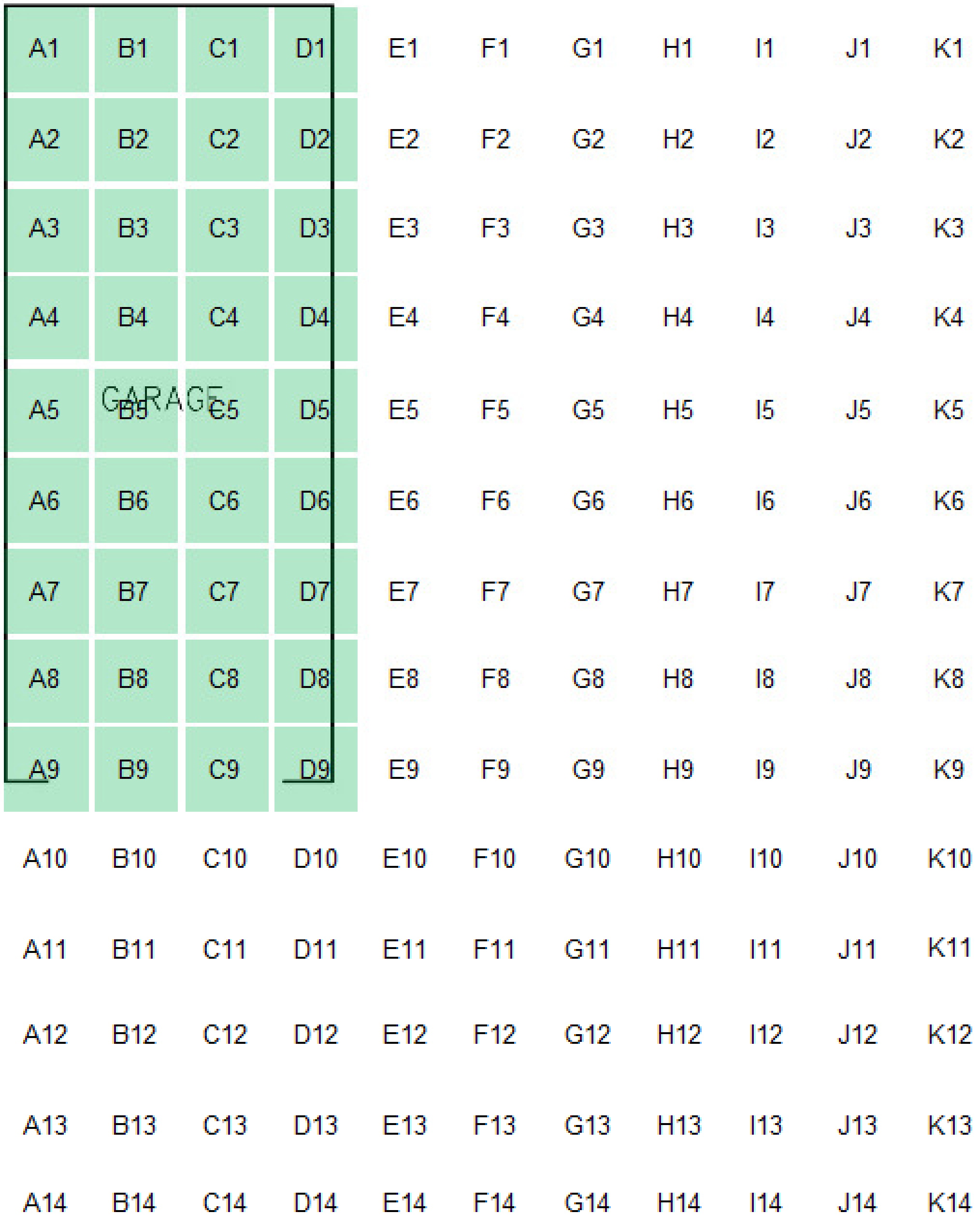
Unit Notes:

Summary Statistics :

Total # of Readings:	36	
Average:	3.67	uR/hr
Standard Deviation:	0.15	uR/hr
Minimum:	3.60	uR/hr
Maximum:	4.00	uR/hr
Median:	3.60	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A5	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C6	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D2	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D3	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D4	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D5	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D6	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D7	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible
D9	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible

CBI Supervisor : Carlos Bernal

Signature :

Carlos Bernal

Senior Technician : Antonio Neotti

Signature :

Signoff Notes:

Summary Report
1449 Croaker Court Unit G6

Unit Summary :

Completion Date: 8/14/2014 2:30 PM

Instrument: 193-6

Serial #: 309127

Layout: Garage

Background Reading: 4.0 uR/hr

Dimensions (m): D 8.1 W 3.3

Unit Furnished: Yes

Tenant Present: Yes

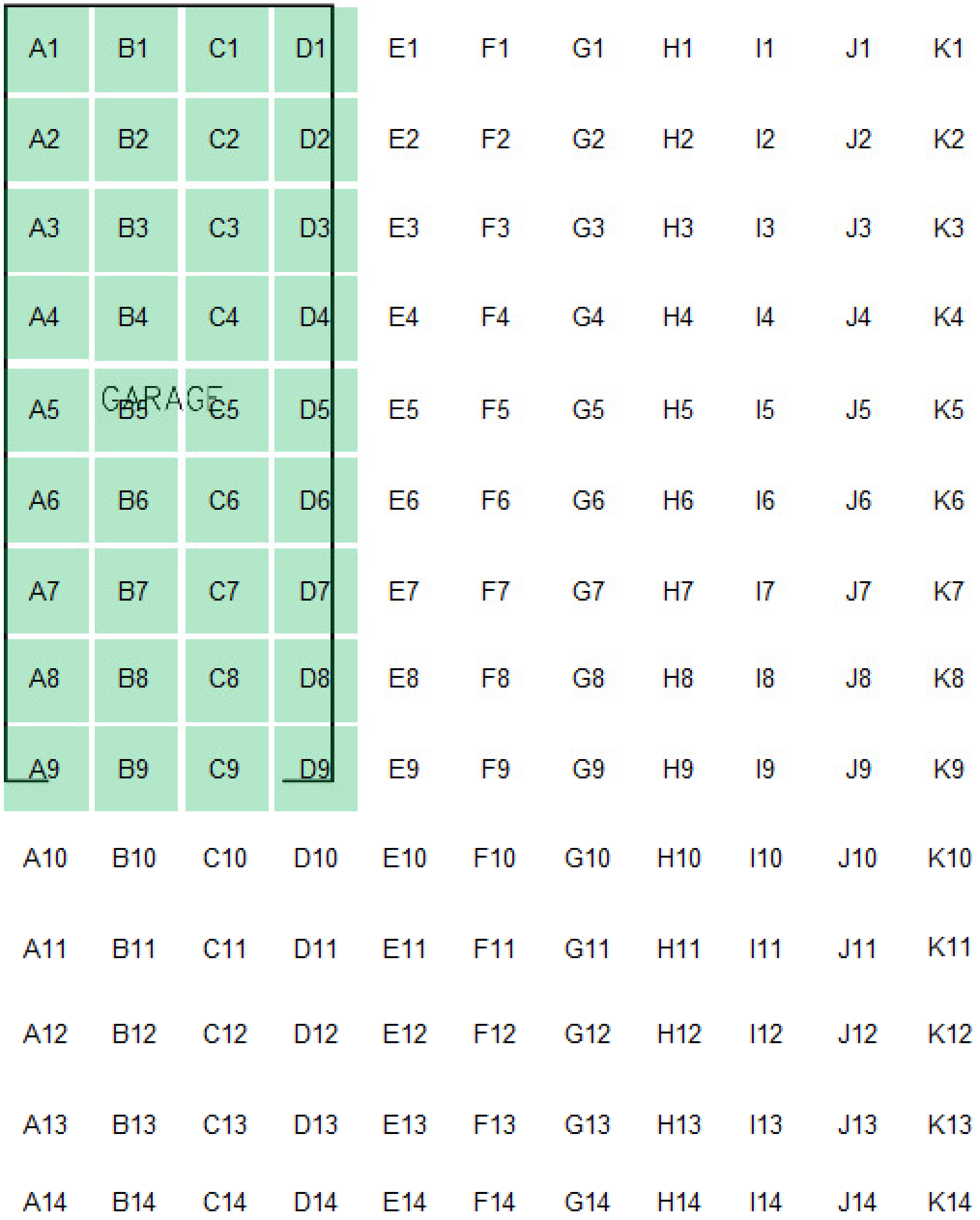
Unit Notes:

Summary Statistics :

Total # of Readings:	36	
Average:	3.90	uR/hr
Standard Deviation:	0.24	uR/hr
Minimum:	3.60	uR/hr
Maximum:	4.40	uR/hr
Median:	3.80	uR/hr
# Anomalies:	0	

Grid Legend:

🟩	No anomalous measurements
🟨	Inaccessible (no measurement collected)
🟥	Anomaly (elevated measurement)



A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11
A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12
A13	B13	C13	D13	E13	F13	G13	H13	I13	J13	K13
A14	B14	C14	D14	E14	F14	G14	H14	I14	J14	K14

Survey Information:

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
A1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
A3	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
A8	4.4	uR/hr	Garage			uR/hr				uR/hr			No	
A9	4.4	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible.
B1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B3	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B7	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
B8	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
B9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible.
C1	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C2	3.6	uR/hr	Garage			uR/hr				uR/hr			No	
C3	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C4	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C5	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C6	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C7	4.0	uR/hr	Garage			uR/hr				uR/hr			No	

Grid	Primary Reading	Unit	Desc.	Cell Note	2nd Reading	Unit	Desc.	Cell Note	3rd Reading	Unit	Desc.	Cell Note	Anomaly	General Notes
C8	4.0	uR/hr	Garage			uR/hr				uR/hr			No	
C9	4.4	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	10% accessible.
D1	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D2	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D3	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D4	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D5	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D6	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D7	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D8	3.6	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	30% accessible.
D9	4.0	uR/hr	Garage	Percentage of grid falls outside of unit.		uR/hr				uR/hr			No	5% accessible.

CBI Supervisor : Garrick Anderson

Signature :

Senior Technician : Patricia Lozano

Signature :

Patricia Lozano

Signoff Notes:

Appendix D
Survey Receipt

SURVEY RECEIPT

Former Naval Station Treasure Island, San Francisco, California
Radiological Housing Unit Surveys

NAVFAC

This receipt is to inform you that the radiological survey of your unit has been completed. Thank you for your cooperation.

Date:

Time:

Field Team Supervisor: ____________________
Signature

The Navy will process survey results within two weeks from the date of the scan and then provide the results to the Treasure Island Development Authority (TIDA) for distribution. In order to accurately process the survey results, the information must be thoroughly reviewed and validated in coordination with the California Department of Public Health. It may be possible that survey results will be available before the two week period and if that is the case, the results will be provided to TIDA earlier.

For questions or concerns, please contact the Navy representative identified below:
Keith Forman
Navy BRAC PMO
1455 Frazee Road, Suite 900
San Diego, CA 92108
(415) 308-1458
(619) 532-0913
keith.s.forman@navy.mil

Radiological Housing Unit Surveys

NAVFAC
Naval Facilities Engineering Command

Appendix E
Human Health Risk Dose Calculations

Elevated Survey Results June 30, 2014

Date	Location
06-30-2014	1303-F Gateview Avenue (hallway near kitchen)

- – RASO calculation: 5.5 mrem/yr
- – Reading at 12" inches: 8.8 uR/hr (NOTE: 5.2 uR/hr above background)
- – Reading on contact: 20 uR/hr
- – Background is 3.6 uR/hr
- – Residence status: Unoccupied

Elevated Survey Results July 29, 2014

Date	Location
07-29-2014	1240-D North Point Drive (3 feet off wall in corner of living room)

- – RASO calculation: 2.9 mrem/yr
- – Reading at 12 inches: 6 uR/hr (NOTE: 2.8 uR/hr above background)
- – Reading on contact: 16.0 uR/hr
- – Background is 3.2 uR/hr
- – Residence status: Occupied

Elevated Survey Results July 30, 2014

Date	Location
07-30-2014	1241-B North Point Drive (exterior storage shed)

- RASO calculation: 1.7 mrem/yr
- Reading at 12" inches: 4.8 uR/hr
  (NOTE: 1.6 uR/hr above background)
- Reading on contact: 12 uR/hr
- Background: 3.2 uR/hr
- Residence status: Occupied

Appendix F
Instrument Calibration Records

Designer and Manufacturer
of
Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

|STOMER CB&I FEDERAL SVCS LLOC
ORDER NO. 20244303

|fg. Ludlum Measurements, Inc. Model 193-6 Serial No. 293633
|Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337364

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.

☑ Meter Zeroed
☑ Reset ck.
☑ Alarm Setting ck.

☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC

☐ Input Sens. Linearity
☑ Geotropism

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89.
☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 925 V Input Sens. 10 mV Det. Oper. 925 V at 10 mV Threshold Dial Ratio ______ = ______ mV

☐ HV Readout (2 points) Ref./Inst. ______ / ______ V Ref./Inst. ______ / ______ V

COMMENTS:

```
Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.
```

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 µR/hr= 1190000cpm		0.8
x1000	200 µR/hr		0.22
x100	119000cpm		0.8
x100	29800 cpm		0.19
x10	11900cpm		0.8
x10	2980cpm		0.2
x1	1190 cpm		0.8
x1	298 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

Digital Readout	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Log Scale	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ______ ☐ Beta S/N ______ ☑ Other Cs137 # 2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ______ ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date M.A ~~7~~ 8-May-14

Reviewed By: Diana Ochoa Date 9 May 14

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.

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AC Inst. ☐ Passed Dielectric (Hi-Pot) and Continuity Test
Only ☐

Designer and Manufacturer
of
Scientific and Industrial
Instruments

LUDLUM MEASUREMENTS, INC.

501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR337364

Customer CB&I FEDERAL SVCS LLOC

Order #. 20244303

Counter 2200 Serial No. 290470

Counter Input Sensitivity 10 mV

Count Time 6 Seconds

Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5μCi	Isotope Size	Isotope Size	Isotope Size
675	223	30694			
700	267	34835			
725	288	38015			
750	344	40942			
775	422	42957			
800	498	45387			
825	528	47308			
850	525	48307			
875	582	49067			
900	654	50267			
→ 925	674	50556			
950	707	51652			
975	711	52055			
1000	677	52739			
1025	727	52403			
1050	774	53261			
1075	800	53846			
1100	855	54509			
1125	850	54463			
1150	863	54642			

Signature Manuela Aguilar

Date 8-May-14

CB&I Federal Serivices

		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	293633	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014	3.2	240	PASS	PASS	
6/10/2014	3.2	240	PASS	PASS	
6/11/2014	3.2	240	PASS	PASS	
6/11/2014	3.2	240	PASS	PASS	
6/12/2014	3.6	240	PASS	PASS	
6/12/2014	3.2	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/16/2014	3.6	240	PASS	PASS	
6/16/2014	3.2	240	PASS	PASS	
6/17/2014	3.6	240	PASS	PASS	
6/17/2014	3.2	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/19/2014	3.2	200	PASS	PASS	
6/19/2014	3.2	210	PASS	PASS	
6/20/2014	3.2	220	PASS	PASS	
6/20/2014	3.2	220	PASS	PASS	
6/23/2014	3.2	220	PASS	PASS	
6/23/2014	3.2	220	PASS	PASS	
6/24/2014	3.2	220	PASS	PASS	
6/24/2014	3.2	200	PASS	PASS	
6/25/2014	3.2	220	PASS	PASS	
6/25/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/27/2014	3.2	240	PASS	PASS	
6/27/2014	3.2	240	PASS	PASS	
6/30/2014	3.2	240	PASS	PASS	
6/30/2014	3.2	200	PASS	PASS	
7/1/2014	3.2	220	PASS	PASS	
7/1/2014	3.2	240	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/3/2014	3.0	220	PASS	PASS	

CB&I Federal Serivices

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	293633	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.2	220	PASS	PASS	
7/7/2014	3.2	200	PASS	PASS	
7/7/2014	3.2	240	PASS	PASS	
7/8/2014	3.2	220	PASS	PASS	
7/8/2014	3.2	240	PASS	PASS	
7/9/2014	3.2	220	PASS	PASS	
7/9/2014	3.2	220	PASS	PASS	
7/10/2014	3.2	220	PASS	PASS	
7/10/2014	3.2	220	PASS	PASS	
7/11/2014	3.2	220	PASS	PASS	
7/11/2014	3.2	240	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/15/2014	3.2	200	PASS	PASS	
7/15/2014	3.0	220	PASS	PASS	
7/16/2014	3.2	220	PASS	PASS	
7/16/2014	3.2	240	PASS	PASS	
7/17/2014	3.2	240	PASS	PASS	
7/17/2014	3.2	220	PASS	PASS	
7/18/2014	3.2	200	PASS	PASS	
7/18/2014	3.2	240	PASS	PASS	
7/21/2014	3.0	220	PASS	PASS	
7/21/2014	3.2	240	PASS	PASS	
7/22/2014	3.2	220	PASS	PASS	
7/22/2014	3.2	220	PASS	PASS	
7/23/2014	3.2	240	PASS	PASS	
7/23/2014	3.2	240	PASS	PASS	
7/24/2014	3.2	220	PASS	PASS	
7/24/2014	3.2	240	PASS	PASS	
7/25/2014	3.2	240	PASS	PASS	
7/25/2014	3.2	240	PASS	PASS	
7/28/2014	2.8	200	PASS	PASS	
7/28/2014	3.0	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/30/2014	3.6	240	PASS	PASS	

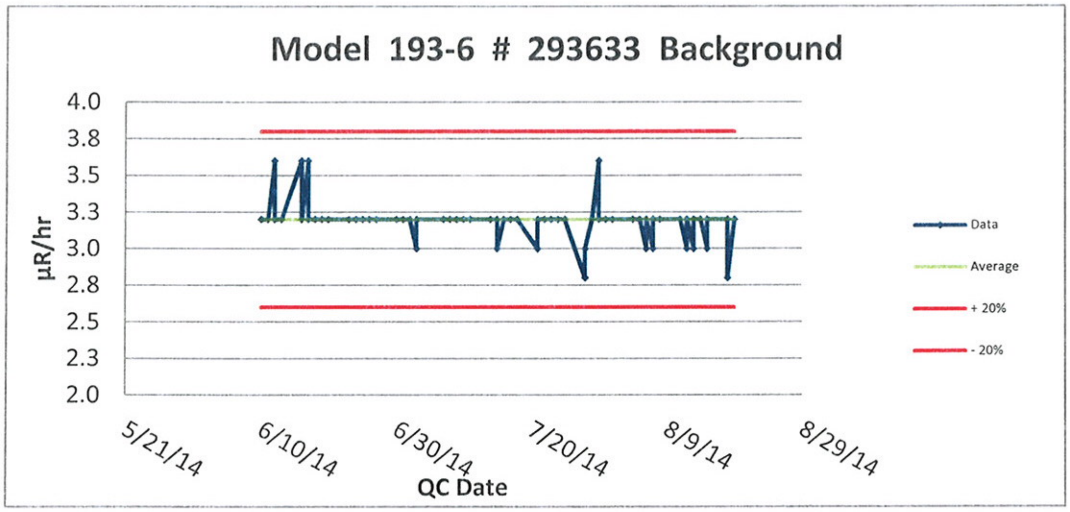
CB&I Federal Serivices

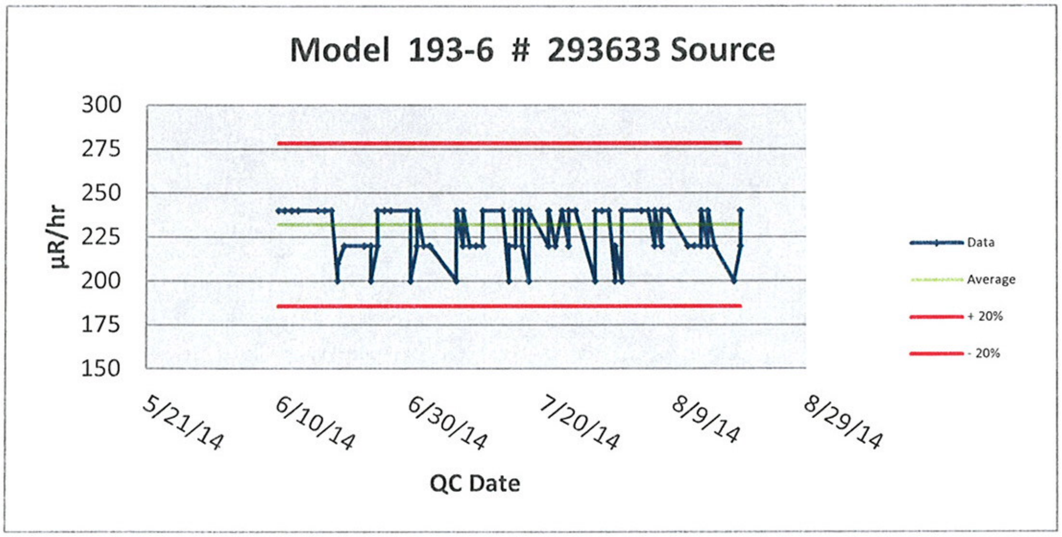
		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	293633	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.2	240	PASS	PASS	
7/31/2014	3.2	200	PASS	PASS	
7/31/2014	3.2	220	PASS	PASS	
8/1/2014	3.2	200	PASS	PASS	
8/1/2014	3.2	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/6/2014	3.0	220	PASS	PASS	
8/6/2014	3.2	240	PASS	PASS	
8/7/2014	3.0	220	PASS	PASS	
8/7/2014	3.2	240	PASS	PASS	
8/8/2014	3.2	240	PASS	PASS	
8/8/2014	3.2	240	PASS	PASS	
8/11/2014	3.2	220	PASS	PASS	
8/11/2014	3.2	220	PASS	PASS	
8/12/2014	3.0	220	PASS	PASS	
8/12/2014	3.2	220	PASS	PASS	
8/13/2014	3.0	220	PASS	PASS	
8/13/2014	3.2	240	PASS	PASS	
8/14/2014	3.2	220	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/15/2014	3.0	220	PASS	PASS	
8/15/2014	3.2	220	PASS	PASS	
8/18/2014	3.2	200	PASS	PASS	
8/18/2014	2.8	200	PASS	PASS	
8/19/2014	3.2	220	PASS	PASS	
8/19/2014	3.2	240	PASS	PASS	

CB&I Federal Serivices

Reviewed By: 8/20/2014


Model 193-6 # 293633 Background


Model 193-6 # 293633 Source

CB&I Federal Serivices

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	293633	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	3.2
2	3.2
3	3.2
4	3.2
5	3.2
6	3.2
7	3.2
8	3.2
9	3.2
10	3.2
Mean	3.20
20%	0.64

-20% (µR/hr)
2.6

+20% (µR/hr)
3.8

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

CB&I Federal Serivices

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	293633	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	240
2	200
3	240
4	240
5	200
6	240
7	240
8	240
9	240
10	240
Mean	232.00
20%	46.40

-20% (μR/hr)
185.6

+20% (μR/hr)
278.4

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :	Jerry	**Date :**	6/10/2014

Designer and Manufacturer
of
Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I FEDERAL SVCS LLOC ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309099

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337357

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.
☑ Meter Zeroed
☑ Reset ck.
☑ Alarm Setting ck.
☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC
☐ Input Sens. Linearity
☑ Geotropism

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 850 V Input Sens. 10 mV Det. Oper. 850 V at 10 mV Threshold Dial Ratio ______ = ______ mV

☐ HV Readout (2 points) Ref./Inst. ______ / ______ V Ref./Inst. ______ / ______ V

COMMENTS:

Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 μR/hr= 1110000cpm		0.8
x1000	200 μR/hr		0.21
x100	111000 cpm		0.8
x100	27800 cpm		0.2
x10	11100 cpm		0.8
x10	2780 cpm		0.2
x1	1110 cpm		0.8
x1	278 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20% X100 , X10 , X1 **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO
☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ______ ☐ Beta S/N ______ ☑ Other Cs137 # 2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ______ ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14

Reviewed By: Diana Ochoa Date 9 May 14

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.
FORM C22A 11/22/2013 Page 1 of 2

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed: ______

Designer and Manufacturer
of
Scientific and Industrial
Instruments

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR337357

Customer CB&I FEDERAL SVCS LLOC

Order #. 20244303

Counter 2200 Serial No. 290470

Counter Input Sensitivity 10 mV

Count Time 6 Seconds

Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5μCi	Isotope Size	Isotope Size	Isotope Size
675	319	32756			
700	329	35887			
725	410	39357			
750	518	42236			
775	503	43558			
800	608	45924			
825	631	46856			
→850	681	48035			
875	751	49384			
900	802	50260			
925	864	50977			
950	925	51505			
975	941	52085			
1000	954	52595			
1025	1013	52685			

Signature Manuela Aguilar

Date 8-May-14

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309099	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014					X
6/10/2014					X
6/11/2014	2.8	240	PASS	PASS	
6/11/2014	2.8	240	PASS	PASS	
6/12/2014	3.2	240	PASS	PASS	
6/12/2014	2.8	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/13/2014	2.8	240	PASS	PASS	
6/16/2014	3.2	240	PASS	PASS	
6/16/2014	2.8	240	PASS	PASS	
6/17/2014	3.2	240	PASS	PASS	
6/17/2014	2.8	240	PASS	PASS	
6/18/2014	2.8	240	PASS	PASS	
6/18/2014	2.8	240	PASS	PASS	
6/19/2014	2.8	200	PASS	PASS	
6/19/2014	3.0	240	PASS	PASS	
6/20/2014	2.8	220	PASS	PASS	
6/20/2014	2.8	220	PASS	PASS	
6/23/2014	3.0	220	PASS	PASS	
6/23/2014	2.8	220	PASS	PASS	
6/24/2014	2.8	200	PASS	PASS	
6/24/2014	2.8	240	PASS	PASS	
6/25/2014	3.0	220	PASS	PASS	
6/25/2014	2.8	240	PASS	PASS	
6/26/2014	3.0	220	PASS	PASS	
6/26/2014	2.8	220	PASS	PASS	
6/27/2014	2.8	200	PASS	PASS	
6/27/2014	2.8	220	PASS	PASS	
6/30/2014	2.8	200	PASS	PASS	
6/30/2014	2.8	220	PASS	PASS	
7/1/2014	2.8	220	PASS	PASS	
7/1/2014	2.8	220	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/2/2014	3.0	220	PASS	PASS	
7/3/2014	2.8	220	PASS	PASS	

CB&I Federal Services

		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309099	5/8/2014	5/8/2015
		Calibration	OK

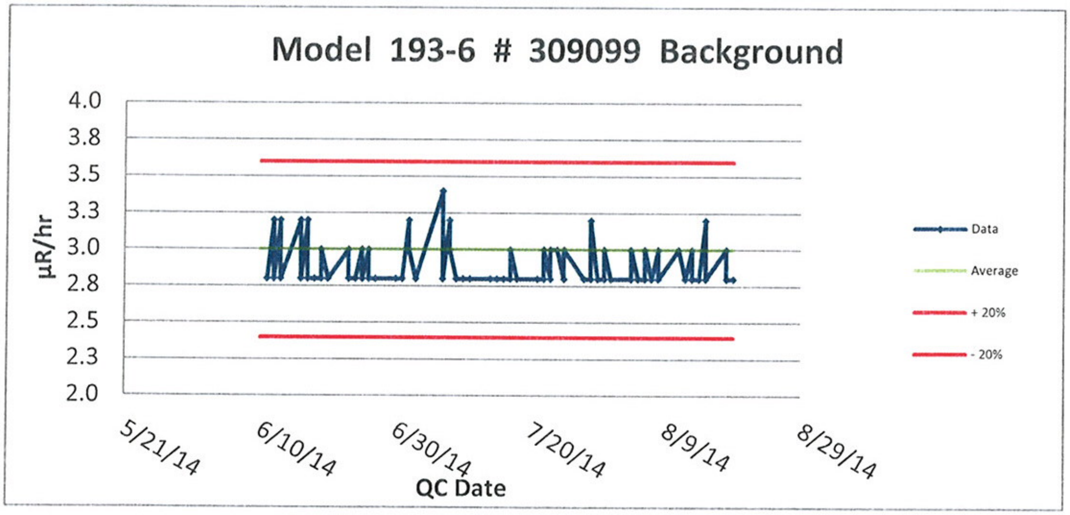
Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	2.8	240	PASS	PASS	
7/7/2014	3.4	200	PASS	PASS	
7/7/2014	2.8	220	PASS	PASS	
7/8/2014	3.2	200	PASS	PASS	
7/8/2014	3.0	240	PASS	PASS	
7/9/2014	2.8	200	PASS	PASS	
7/9/2014	2.8	240	PASS	PASS	
7/10/2014	2.8	200	PASS	PASS	
7/10/2014	2.8	200	PASS	PASS	
7/11/2014	2.8	200	PASS	PASS	
7/11/2014	2.8	240	PASS	PASS	
7/14/2014	2.8	220	PASS	PASS	
7/14/2014	2.8	240	PASS	PASS	
7/15/2014	2.8	240	PASS	PASS	
7/15/2014	2.8	220	PASS	PASS	
7/16/2014	2.8	220	PASS	PASS	
7/16/2014	2.8	240	PASS	PASS	
7/17/2014	2.8	240	PASS	PASS	
7/17/2014	3.0	240	PASS	PASS	
7/18/2014	2.8	220	PASS	PASS	
7/18/2014	2.8	240	PASS	PASS	
7/21/2014	2.8	240	PASS	PASS	
7/21/2014	2.8	240	PASS	PASS	
7/22/2014	2.8	220	PASS	PASS	
7/22/2014	3.0	240	PASS	PASS	
7/23/2014	2.8	240	PASS	PASS	
7/23/2014	3.0	240	PASS	PASS	
7/24/2014	3.0	240	PASS	PASS	
7/24/2014	3.0	240	PASS	PASS	
7/25/2014	2.8	220	PASS	PASS	
7/25/2014	3.0	240	PASS	PASS	
7/28/2014	2.8	240	PASS	PASS	
7/28/2014	2.8	240	PASS	PASS	
7/29/2014	2.8	200	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/30/2014	2.8	240	PASS	PASS	

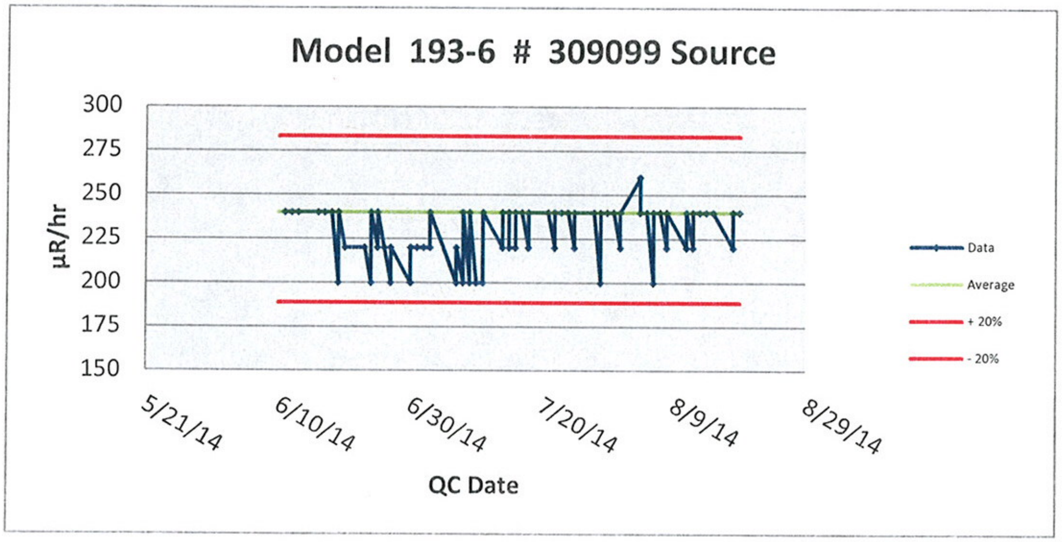
CB&I Federal Services

		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309099	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	2.8	240	PASS	PASS	
7/31/2014	2.8	240	PASS	PASS	
7/31/2014	3.0	240	PASS	PASS	
8/1/2014	2.8	220	PASS	PASS	
8/1/2014	2.8	240	PASS	PASS	
8/4/2014	2.8	260	PASS	PASS	
8/4/2014	3.0	240	PASS	PASS	
8/5/2014	2.8	240	PASS	PASS	
8/5/2014	2.8	240	PASS	PASS	
8/6/2014	2.8	200	PASS	PASS	
8/6/2014	3.0	240	PASS	PASS	
8/7/2014	2.8	240	PASS	PASS	
8/7/2014	2.8	240	PASS	PASS	
8/8/2014	3.0	220	PASS	PASS	
8/8/2014	2.8	240	PASS	PASS	
8/11/2014	3.0	220	PASS	PASS	
8/11/2014	3.0	240	PASS	PASS	
8/12/2014	2.8	220	PASS	PASS	
8/12/2014	2.8	240	PASS	PASS	
8/13/2014	3.0	240	PASS	PASS	
8/13/2014	2.8	240	PASS	PASS	
8/14/2014	2.8	240	PASS	PASS	
8/14/2014	2.8	240	PASS	PASS	
8/15/2014	3.2	240	PASS	PASS	
8/15/2014	2.8	240	PASS	PASS	
8/18/2014	3.0	220	PASS	PASS	
8/18/2014	2.8	240	PASS	PASS	
8/19/2014	2.8	240	PASS	PASS	
8/19/2014	2.8	240	PASS	PASS	

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309099	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	3.2
2	2.8
3	2.8
4	3.2
5	3.2
6	3.2
7	3.2
8	2.8
9	2.8
10	2.8
Mean	3.00
20%	0.60

-20% (µR/hr)
2.4

+20% (µR/hr)
3.6

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**

Reviewed By :		**Date :**	6/10/2014

CB&I Federal Services

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309099	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	240
2	240
3	200
4	240
5	240
6	240
7	240
8	240
9	240
10	240
Mean	236.00
20%	47.20

-20% (μR/hr)
188.8

+20% (μR/hr)
283.2

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

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CERTIFICATE OF CALIBRATION

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CUSTOMER CB&I FEDERAL SVCS LLOC

ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309107

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337368

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☐ Window Operation ☑ Geotropism
☑ Audio ck. ☑ Alarm Setting ck. ☑ Batt. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 925 V Input Sens. 10 mV Det. Oper. 925 V at 10 mV Threshold Dial Ratio ____ = ____ mV

☐ HV Readout (2 points) Ref./Inst. ____ / ____ V Ref./Inst. ____ / ____ V

COMMENTS:

Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 µR/hr= 1210000cpm		0.8
x1000	200 µR/hr		0.21
x100	121000 cpm		0.8
x100	30300 cpm		0.2
x10	12100 cpm		0.8
x10	3030 cpm		0.2
x1	1210 cpm		0.8
x1	303 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO
☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ____ ☐ Beta S/N ____ ☑ Other Cs137 #2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ____ ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14

Reviewed By: Diana Ochoa Date 9 May 14

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed: ____

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Bench Test Data For Detector

Detector 44-132 Serial No. PR337368

Customer CB&I FEDERAL SVCS LLOC Order #. 20244303

Counter 2200 Serial No. 290470 Counter Input Sensitivity 10 mV

Count Time 6 Seconds Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137	Isotope	Isotope	Isotope
		Size ≈5µCi	Size	Size	Size
675	195	33387			
700	258	36431			
725	288	40209			
750	384	42251			
775	388	43633			
800	375	45867			
825	462	47341			
850	513	48456			
875	625	48857			
900	664	50333			
→ 925	856	50384			
950	916	51350			
975	821	51881			
1000	804	52408			
1025	1053	53073			

Signature ~~S-A~~ M.A Manuela Aguilar Date 8-May-14

CB&I Federal Services

		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309107	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014					X
6/10/2014					X
6/11/2014	3.6	240	PASS	PASS	
6/11/2014					X
6/12/2014					X
6/12/2014					X
6/13/2014					X
6/13/2014					X
6/16/2014	3.6	240	PASS	PASS	
6/16/2014	3.6	240	PASS	PASS	
6/17/2014	3.6	240	PASS	PASS	
6/17/2014	3.6	240	PASS	PASS	
6/18/2014	3.6	240	PASS	PASS	
6/18/2014	3.6	240	PASS	PASS	
6/19/2014	3.6	220	PASS	PASS	
6/19/2014	3.6	240	PASS	PASS	
6/20/2014	3.4	240	PASS	PASS	
6/20/2014	3.6	240	PASS	PASS	
6/23/2014	3.6	240	PASS	PASS	
6/23/2014	3.6	240	PASS	PASS	
6/24/2014	3.6	220	PASS	PASS	
6/24/2014	3.6	240	PASS	PASS	
6/25/2014	3.4	240	PASS	PASS	
6/25/2014	3.6	240	PASS	PASS	
6/26/2014	3.4	240	PASS	PASS	
6/26/2014	3.6	220	PASS	PASS	
6/27/2014	3.6	240	PASS	PASS	
6/27/2014	3.6	220	PASS	PASS	
6/30/2014	3.4	220	PASS	PASS	
6/30/2014	3.6	220	PASS	PASS	
7/1/2014	3.2	220	PASS	PASS	
7/1/2014	3.6	240	PASS	PASS	
7/2/2014	3.6	240	PASS	PASS	
7/2/2014	3.8	240	PASS	PASS	
7/3/2014	3.4	220	PASS	PASS	

CB&I Federal Services

		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309107	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (μR/hr)	Source (μR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.6	240	PASS	PASS	
7/7/2014	3.6	220	PASS	PASS	
7/7/2014	3.6	240	PASS	PASS	
7/8/2014	3.8	220	PASS	PASS	
7/8/2014	4.0	240	PASS	PASS	
7/9/2014	3.6	220	PASS	PASS	
7/9/2014	3.8	220	PASS	PASS	
7/10/2014	3.6	200	PASS	PASS	
7/10/2014	3.6	240	PASS	PASS	
7/11/2014	3.6	240	PASS	PASS	
7/11/2014	3.6	240	PASS	PASS	
7/14/2014	3.6	240	PASS	PASS	
7/14/2014	3.6	240	PASS	PASS	
7/15/2014	3.6	240	PASS	PASS	
7/15/2014	3.6	240	PASS	PASS	
7/16/2014	3.6	240	PASS	PASS	
7/16/2014	3.8	240	PASS	PASS	
7/17/2014	3.6	240	PASS	PASS	
7/17/2014	3.6	240	PASS	PASS	
7/18/2014	3.6	240	PASS	PASS	
7/18/2014	4.0	240	PASS	PASS	
7/21/2014	3.6	240	PASS	PASS	
7/21/2014	3.6	240	PASS	PASS	
7/22/2014	3.8	240	PASS	PASS	
7/22/2014	4.0	240	PASS	PASS	
7/23/2014	3.4	240	PASS	PASS	
7/23/2014	3.8	240	PASS	PASS	
7/24/2014	3.6	240	PASS	PASS	
7/24/2014	4.0	240	PASS	PASS	
7/25/2014	3.6	220	PASS	PASS	
7/25/2014	3.8	240	PASS	PASS	
7/28/2014	3.6	240	PASS	PASS	
7/28/2014	3.6	240	PASS	PASS	
7/29/2014	3.6	240	PASS	PASS	
7/29/2014	3.8	240	PASS	PASS	
7/30/2014	3.6	240	PASS	PASS	

CB&I Federal Services

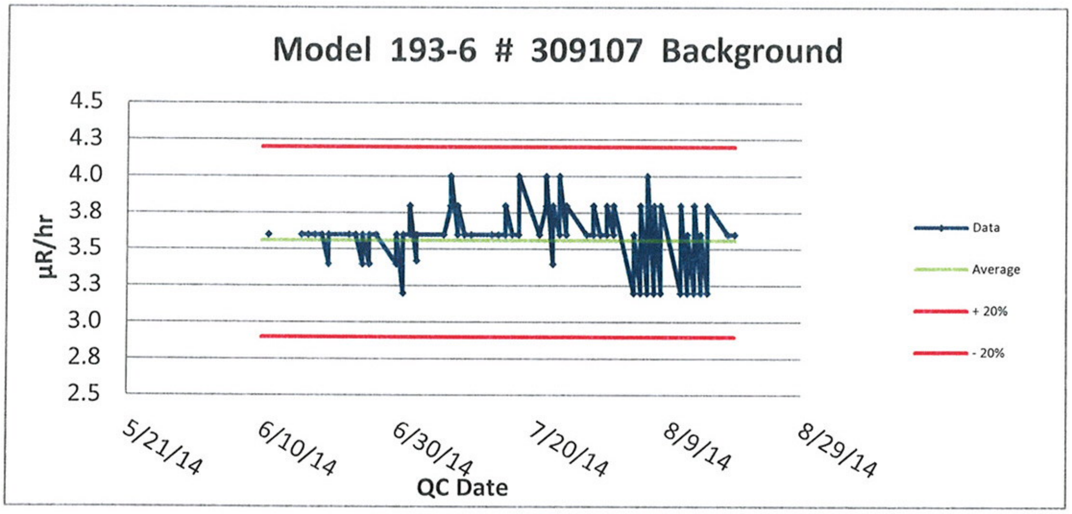
Source ID #	Source Nuclide
1405-22-1	Cs-137

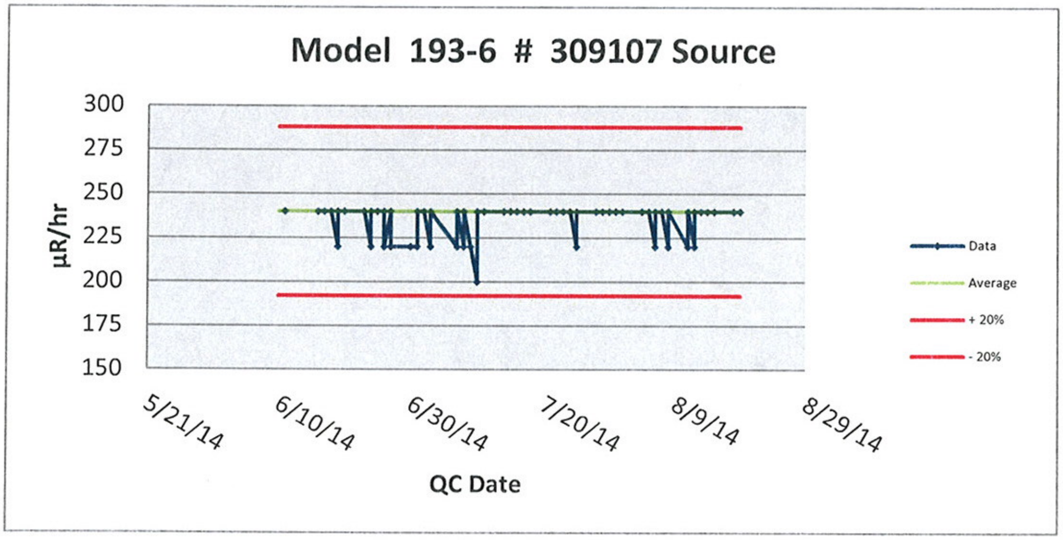
Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309107	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.6	240	PASS	PASS	
7/31/2014	3.6	240	PASS	PASS	
7/31/2014	3.8	240	PASS	PASS	
8/1/2014	3.6	240	PASS	PASS	
8/1/2014	3.8	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/4/2014	3.6	240	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/5/2014	3.8	240	PASS	PASS	
8/6/2014	3.2	220	PASS	PASS	
8/6/2014	4.0	240	PASS	PASS	
8/7/2014	3.2	240	PASS	PASS	
8/7/2014	3.8	240	PASS	PASS	
8/8/2014	3.2	220	PASS	PASS	
8/8/2014	3.8	240	PASS	PASS	
8/11/2014	3.2	220	PASS	PASS	
8/11/2014	3.8	240	PASS	PASS	
8/12/2014	3.2	220	PASS	PASS	
8/12/2014	3.6	240	PASS	PASS	
8/13/2014	3.2	240	PASS	PASS	
8/13/2014	3.8	240	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/14/2014	3.6	240	PASS	PASS	
8/15/2014	3.2	240	PASS	PASS	
8/15/2014	3.8	240	PASS	PASS	
8/18/2014	3.6	240	PASS	PASS	
8/18/2014	3.6	240	PASS	PASS	
8/19/2014	3.6	240	PASS	PASS	
8/19/2014	3.6	240	PASS	PASS	

CB&I Federal Services

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309107	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	3.6
2	3.6
3	3.6
4	3.6
5	3.6
6	3.6
7	3.2
8	3.6
9	3.6
10	3.6
Mean	3.56
20%	0.71

-20% (μR/hr)
2.9

+20% (μR/hr)
4.2

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

CB&I Federal Services

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309107	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	240
2	240
3	240
4	240
5	240
6	240
7	240
8	240
9	240
10	240
Mean	240.00
20%	48.00

-20% (μR/hr)
192.0

+20% (μR/hr)
288.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**

Reviewed By :		**Date :**	6/10/2014

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CUSTOMER CB&I FEDERAL SVCS LLOC
ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309110
Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337393
Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910
Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☐ Window Operation ☑ Geotropism
☑ Audio ck. ☑ Alarm Setting ck. ☑ Batt. ck. (Min. Volt) 2.2 VDC
☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 950 V Input Sens. 10 mV Det. Oper. 950 V at 10 mV Threshold Dial Ratio = mV

☐ HV Readout (2 points) Ref./Inst. / V Ref./Inst. / V

COMMENTS:

```
Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.
```

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 μR/hr= 1160000cpm		0.8
x1000	200 μR/hr		M+ ~~0.2~~ 0.21
x100	116000 cpm		0.8
x100	29000 cpm		0.2
x10	11600 cpm		0.8
x10	2900 cpm		0.2
x1	1160 cpm		0.8
x1	290 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

Digital Readout

REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Log Scale

REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978
State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO
☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ☐ Beta S/N ☑ Other Cs137 # 2261CP
☑ m 500 S/N 289155 ☐ Oscilloscope S/N ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14
Reviewed By: Diana DeLaora Date 9 May 14

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AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

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LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR337393

Customer CB&I FEDERAL SVCS LLOC

Order #. 20244303

Counter 2200 Serial No. 290470

Counter Input Sensitivity 10 mV

Count Time 6 Seconds

Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5μCi	Isotope Size	Isotope Size	Isotope Size
725	320	33308			
750	430	36601			
775	416	38953			
800	552	41488			
825	607	44016			
850	625	44987			
875	570	46314			
900	624	47348			
925	672	48608			
→950	705	49402			
975	780	49944			
1000	859	50739			
1025	874	50642			
1050	918	51829			
1075	1073	52305			

Signature Manuela Aguilar

Date 8-May-14

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309110	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014	3.2	240	PASS	PASS	
6/10/2014	3.2	240	PASS	PASS	
6/11/2014	3.6	240	PASS	PASS	
6/11/2014	3.6	240	PASS	PASS	
6/12/2014	3.6	240	PASS	PASS	
6/12/2014	3.2	240	PASS	PASS	
6/13/2014	3.6	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/16/2014	3.6	240	PASS	PASS	
6/16/2014	3.2	240	PASS	PASS	
6/17/2014	3.6	240	PASS	PASS	
6/17/2014	3.2	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/19/2014	3.2	240	PASS	PASS	
6/19/2014	3.2	240	PASS	PASS	
6/20/2014	3.2	240	PASS	PASS	
6/20/2014	3.6	240	PASS	PASS	
6/23/2014	3.4	220	PASS	PASS	
6/23/2014	3.2	240	PASS	PASS	
6/24/2014	3.2	220	PASS	PASS	
6/24/2014	3.4	240	PASS	PASS	
6/25/2014	3.2	247	PASS	PASS	
6/25/2014	3.2	240	PASS	PASS	
6/25/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/27/2014	3.2	220	PASS	PASS	
6/27/2014	3.6	220	PASS	PASS	
6/30/2014	3.4	220	PASS	PASS	
6/30/2014	3.4	220	PASS	PASS	
7/1/2014	3.2	220	PASS	PASS	
7/1/2014	3.4	240	PASS	PASS	
7/2/2014	3.6	240	PASS	PASS	
7/2/2014	3.6	240	PASS	PASS	

CB&I Federal Services

		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309110	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.6	240	PASS	PASS	
7/3/2014	3.4	240	PASS	PASS	
7/7/2014	3.2	220	PASS	PASS	
7/7/2014	3.2	240	PASS	PASS	
7/8/2014	3.8	200	PASS	PASS	
7/8/2014	3.6	240	PASS	PASS	
7/9/2014	3.2	240	PASS	PASS	
7/9/2014	3.6	240	PASS	PASS	
7/10/2014	3.2	240	PASS	PASS	
7/10/2014	3.6	240	PASS	PASS	
7/11/2014	3.2	220	PASS	PASS	
7/11/2014	3.2	240	PASS	PASS	
7/14/2014	3.4	220	PASS	PASS	
7/14/2014	3.4	240	PASS	PASS	
7/15/2014	3.2	240	PASS	PASS	
7/15/2014	3.2	240	PASS	PASS	
7/16/2014	3.2	240	PASS	PASS	
7/16/2014	3.4	240	PASS	PASS	
7/17/2014	3.2	240	PASS	PASS	
7/17/2014	3.2	220	PASS	PASS	
7/18/2014	3.2	220	PASS	PASS	
7/18/2014	3.6	240	PASS	PASS	
7/21/2014	3.2	220	PASS	PASS	
7/21/2014	3.2	240	PASS	PASS	
7/22/2014	3.6	220	PASS	PASS	
7/22/2014	3.4	220	PASS	PASS	
7/23/2014	3.2	220	PASS	PASS	
7/23/2014	3.4	240	PASS	PASS	
7/24/2014	3.4	220	PASS	PASS	
7/24/2014	3.6	240	PASS	PASS	
7/25/2014	3.6	240	PASS	PASS	
7/25/2014	3.6	240	PASS	PASS	
7/28/2014	3.2	240	PASS	PASS	
7/28/2014	3.4	240	PASS	PASS	
7/29/2014	3.2	200	PASS	PASS	
7/29/2014	3.6	240	PASS	PASS	

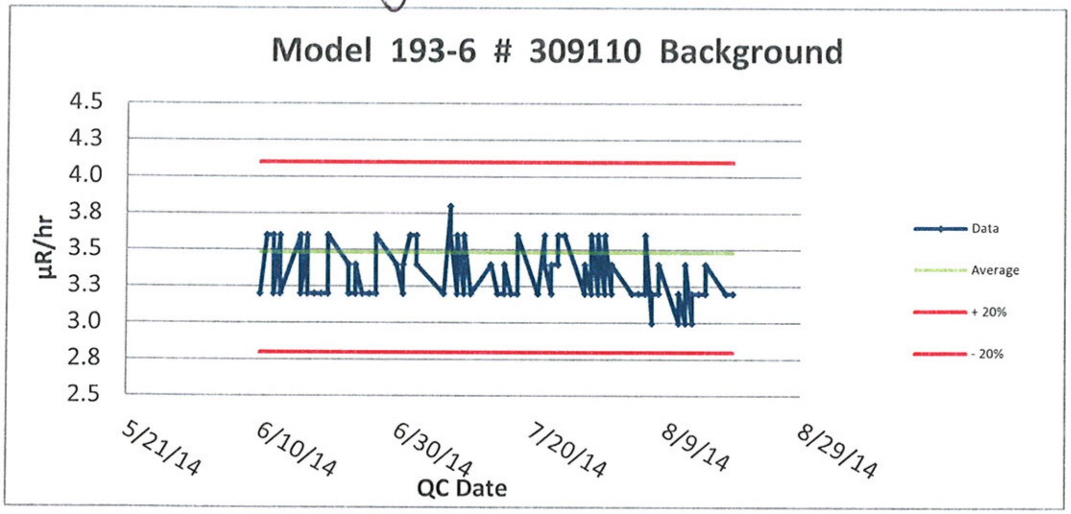
CB&I Federal Services

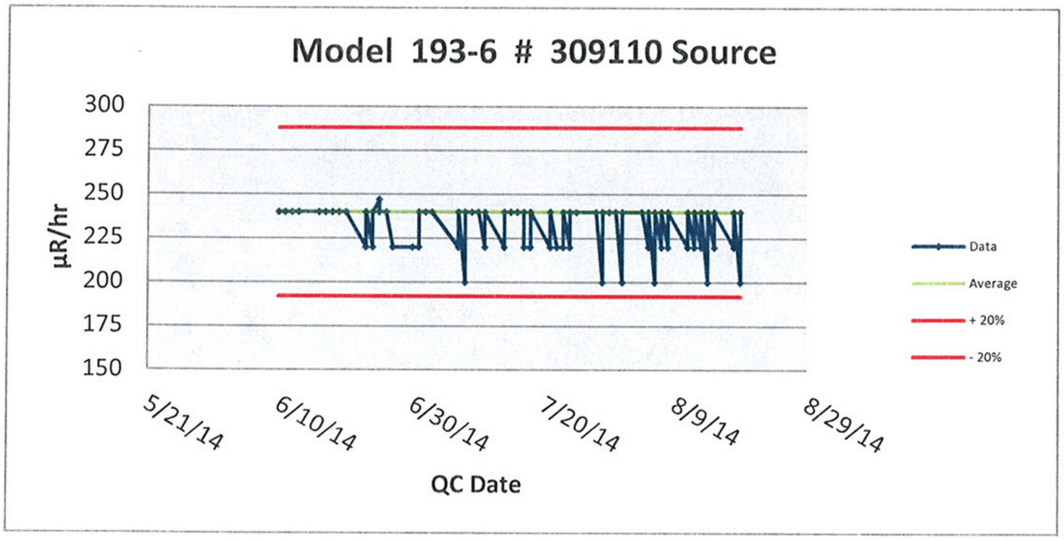
Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309110	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.2	240	PASS	PASS	
7/30/2014	3.6	240	PASS	PASS	
7/31/2014	3.2	240	PASS	PASS	
7/31/2014	3.6	240	PASS	PASS	
8/1/2014	3.2	200	PASS	PASS	
8/1/2014	3.4	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/5/2014	3.2	220	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/6/2014	3.2	200	PASS	PASS	
8/6/2014	3.6	240	PASS	PASS	
8/7/2014	3.0	220	PASS	PASS	
8/7/2014	3.2	240	PASS	PASS	
8/8/2014	3.2	220	PASS	PASS	
8/8/2014	3.4	240	PASS	PASS	
8/11/2014	3.0	220	PASS	PASS	
8/11/2014	3.2	240	PASS	PASS	
8/12/2014	3.0	220	PASS	PASS	
8/12/2014	3.4	240	PASS	PASS	
8/13/2014	3.0	220	PASS	PASS	
8/13/2014	3.2	240	PASS	PASS	
8/14/2014	3.2	200	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/15/2014	3.2	220	PASS	PASS	
8/15/2014	3.4	240	PASS	PASS	
8/18/2014	3.2	220	PASS	PASS	
8/18/2014	3.2	240	PASS	PASS	
8/19/2014	3.2	200	PASS	PASS	
8/19/2014	3.2	240	PASS	PASS	

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309110	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	3.6
2	3.6
3	3.6
4	3.2
5	3.6
6	3.2
7	3.6
8	3.6
9	3.2
10	3.6
Mean	3.48
20%	0.70

-20% (µR/hr)
2.8

+20% (µR/hr)
4.1

Completed By :	E. Ramirez	**Date :**	6/10/2014
Reviewed By :		**Date :**	6/10/2014

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309110	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	240
2	240
3	240
4	240
5	240
6	240
7	240
8	240
9	240
10	240
Mean	240.00
20%	48.00

-20% (μR/hr)
192.0

+20% (μR/hr)
288.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

Designer and Manufacturer
of
Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I FEDERAL SVCS LLOC

ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309119

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337363

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.

☑ Meter Zeroed
☑ Reset ck.
☑ Alarm Setting ck.

☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC

☐ Input Sens. Linearity
☑ Geotropism

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89.
☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 900 V Input Sens. 10 mV Det. Oper. 900 V at 10 mV Threshold Dial Ratio = mV

☐ HV Readout (2 points) Ref./Inst. / V Ref./Inst. / V

COMMENTS:

```
Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.
```

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 µR/hr= 1120000cpm		0.8
x1000	200 µR/hr		0.21
x100	112000cpm		0.8
x100	28000cpm		0.2
x10	11200 cpm		0.8
x10	2800 cpm		0.2
x1	1120 cpm		0.8
x1	280 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ☐ Beta S/N ☑ Other Cs137 # 2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14

Reviewed By: Diana Ochoa Date 9 May 14

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AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

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325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR337363

Customer CB&I FEDERAL SVCS LLOC Order #. 20244303

Counter 2200 Serial No. 290470 Counter Input Sensitivity 10 mV

Count Time 6 Seconds Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5µCi	Isotope Size	Isotope Size	Isotope Size
700	305	32417			
725	278	35548			
750	386	37736			
775	426	40176			
800	592	42382			
m.A ~~85~~ 825	659	44478			
850	654	46148			
875	678	47074			
→ 900	714	47638			
925	836	48490			
950	879	49482			
975	935	50122			
1000	831	50391			
1025	1055	51399			
1050	1141	51895			

Signature Manuela Aguilar Date 8-May-14

CB&I Federal Services

		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309119	5/8/2014	5/8/2015
		Calibration	OK

Date	**Background (µR/hr)**	**Source (µR/hr)**	**Pass or Fail Background**	**Pass or Fail Source**	**Instrument not used**
6/10/2014					X
6/10/2014					X
6/11/2014	2.8	200	PASS	PASS	
6/11/2014	2.8	200	PASS	PASS	
6/12/2014	3.2	200	PASS	PASS	
6/12/2014	2.8	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/13/2014	2.8	200	PASS	PASS	
6/16/2014	3.2	200	PASS	PASS	
6/16/2014	2.8	240	PASS	PASS	
6/17/2014	3.2	240	PASS	PASS	
6/17/2014	3.2	200	PASS	PASS	
6/18/2014	3.2	200	PASS	PASS	
6/18/2014	2.8	240	PASS	PASS	
6/19/2014	3.2	220	PASS	PASS	
6/19/2014	2.8	200	PASS	PASS	
6/20/2014	3.0	200	PASS	PASS	
6/20/2014	2.8	220	PASS	PASS	
6/23/2014	2.8	240	PASS	PASS	
6/23/2014	2.8	220	PASS	PASS	
6/24/2014	3.2	200	PASS	PASS	
6/24/2014	2.8	240	PASS	PASS	
6/25/2014	3.0	220	PASS	PASS	
6/25/2014	3.2	220	PASS	PASS	
6/26/2014	3.0	220	PASS	PASS	
6/26/2014	2.8	220	PASS	PASS	
6/27/2014	3.0	220	PASS	PASS	
6/27/2014	3.0	240	PASS	PASS	
6/30/2014	2.8	240	PASS	PASS	
6/30/2014	3.2	220	PASS	PASS	
7/1/2014	2.8	200	PASS	PASS	
7/1/2014	3.0	240	PASS	PASS	
7/2/2014	3.0	240	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/3/2014	3.0	220	PASS	PASS	

CB&I Federal Services

		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309119	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.0	240	PASS	PASS	
7/7/2014	3.2	200	PASS	PASS	
7/7/2014	3.0	220	PASS	PASS	
7/8/2014	2.8	200	PASS	PASS	
7/8/2014	3.2	200	PASS	PASS	
7/9/2014	2.8	200	PASS	PASS	
7/9/2014	3.2	220	PASS	PASS	
7/10/2014	2.8	220	PASS	PASS	
7/10/2014	3.0	220	PASS	PASS	
7/11/2014	2.8	220	PASS	PASS	
7/11/2014	3.0	240	PASS	PASS	
7/14/2014	3.0	220	PASS	PASS	
7/14/2014	3.0	220	PASS	PASS	
7/15/2014	2.8	200	PASS	PASS	
7/15/2014	2.8	220	PASS	PASS	
7/16/2014	3.2	240	PASS	PASS	
7/16/2014	3.0	240	PASS	PASS	
7/17/2014	2.8	240	PASS	PASS	
7/17/2014	3.2	240	PASS	PASS	
7/18/2014	3.2	240	PASS	PASS	
7/18/2014	3.0	220	PASS	PASS	
7/21/2014	3.2	220	PASS	PASS	
7/21/2014	2.8	220	PASS	PASS	
7/22/2014	3.0	220	PASS	PASS	
7/22/2014	3.0	220	PASS	PASS	
7/23/2014	3.0	220	PASS	PASS	
7/23/2014	3.0	240	PASS	PASS	
7/24/2014	3.0	220	PASS	PASS	
7/24/2014	3.0	240	PASS	PASS	
7/25/2014	3.2	220	PASS	PASS	
7/25/2014	3.0	240	PASS	PASS	
7/28/2014	3.2	200	PASS	PASS	
7/28/2014	2.8	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/29/2014	3.0	240	PASS	PASS	
7/30/2014	2.8	240	PASS	PASS	

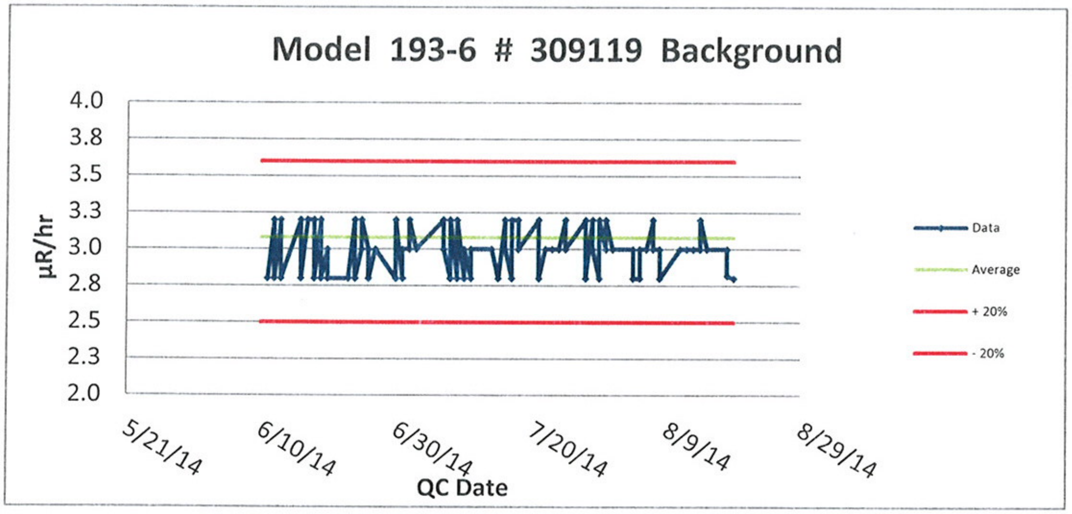
CB&I Federal Services

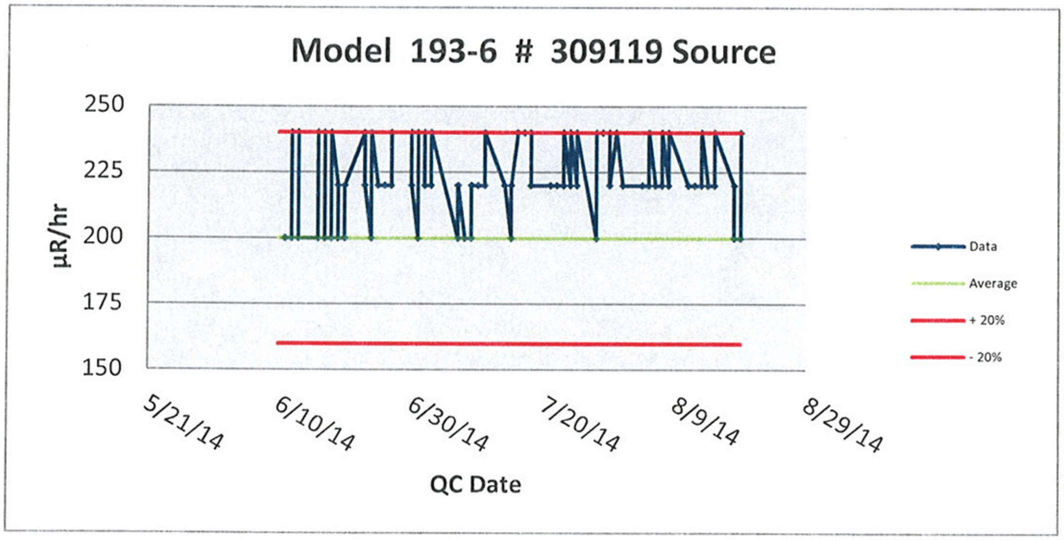
Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309119	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.2	220	PASS	PASS	
7/31/2014	3.0	240	PASS	PASS	
7/31/2014	3.2	240	PASS	PASS	
8/1/2014	3.0	220	PASS	PASS	
8/1/2014	3.0	220	PASS	PASS	
8/4/2014	3.0	220	PASS	PASS	
8/4/2014	2.8	220	PASS	PASS	
8/5/2014	2.8	220	PASS	PASS	
8/5/2014	3.0	240	PASS	PASS	
8/6/2014	3.0	220	PASS	PASS	
8/6/2014	3.0	220	PASS	PASS	
8/7/2014	3.2	220	PASS	PASS	
8/7/2014	3.0	240	PASS	PASS	
8/8/2014	3.0	220	PASS	PASS	
8/8/2014	2.8	240	PASS	PASS	
8/11/2014	3.0	220	PASS	PASS	
8/11/2014	3.0	220	PASS	PASS	
8/12/2014	3.0	220	PASS	PASS	
8/12/2014	3.0	220	PASS	PASS	
8/13/2014	3.0	220	PASS	PASS	
8/13/2014	3.0	240	PASS	PASS	
8/14/2014	3.0	220	PASS	PASS	
8/14/2014	3.2	220	PASS	PASS	
8/15/2014	3.0	220	PASS	PASS	
8/15/2014	3.0	240	PASS	PASS	
8/18/2014	3.0	220	PASS	PASS	
8/18/2014	2.8	200	PASS	PASS	
8/19/2014	2.8	200	PASS	PASS	
8/19/2014	2.8	240	PASS	PASS	

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309119	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	2.8
2	3.2
3	2.8
4	3.2
5	3.2
6	3.2
7	3.2
8	3.6
9	2.8
10	2.8
Mean	3.08
20%	0.62

-20% (μR/hr)
2.5

+20% (μR/hr)
3.6

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

CB&I Federal Services

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309119	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	200
2	200
3	200
4	200
5	200
6	200
7	200
8	200
9	200
10	200
Mean	200.00
20%	40.00

-20% (μR/hr)
160.0

+20% (μR/hr)
240.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

Designer and Manufacturer
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Instruments

CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I FEDERAL SVCS LLOC ORDER NO. 20244370

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 369127

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337359

Cal. Date 3-May-14 Cal Due Date 3-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 75 °F RH 19 % Alt 702.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.
☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89.

☑ Meter Zeroed
☑ Reset ck.
☑ Alarm Setting ck.

☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC
☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

☐ Input Sens. Linearity
☑ Geotropism

Instrument Volt Set 1050 V Input Sens. 10 mV Det. Oper. 1050 V at 10 mV Threshold Dial Ratio ______ = ______ mV

☐ HV Readout (2 points) Ref./Inst. ______ / ______ V Ref./Inst. ______ / ______ V

COMMENTS:

```
Range dependent alarm is set to ~full-scale.
Sigma alarm checked for proper function.
Millivoltage measured with 50" cable.
Model 193-6 calibrated with 50" cable.
```

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 µR/hr = 1,180,000 cpm		0.8
x1000	200 µR/hr		0.22
x100	118000 cpm		0.8
x100	30,000 cpm		0.2
x10	11800 cpm		0.8
x10	3000 cpm		0.2
x1	1180 cpm		0.8
x1	300 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

Digital Readout	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Log Scale	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques. The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

Alpha S/N ______ ☐ Beta S/N ______ ☑ Other Cs137- 2261 CP

☑ m 500 S/N 189496 ☐ Oscilloscope S/N ______ ☑ Multimeter S/N 83750186

Calibrated By: Mary Castillo Date 3/May/14

Reviewed By: Diane Ahere Date 5 May 14

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AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test
☐ Failed:

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865-392-4601
Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR 337359

Customer CB&I FEDERAL SVCS LLOC

Order #. 20244370

Counter 2200 MC ~~193-6~~ Serial No. 193189

Counter Input Sensitivity 10 mV

Count Time 6 seconds

Distance Source to Detector ~2cm

Other

High Voltage	Background	Isotope Cs137 Size 5uCi	Isotope Size	Isotope Size	Isotope Size
1000	520	53364			
1025	547	53967			
→ 1050	619	54464			
1075	677	55531			
1100	680	55901			
1125	765	56460			
1150	809	56719			
1175	818	57490			
1200	857	57718			
1225	892	58184			
1250	1135	59008			

Signature Mary Castillo

Date 31-May/14

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309127	5/3/2014	5/3/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014					X
6/10/2014					X
6/11/2014	3.2	240	PASS	PASS	
6/11/2014	3.6	240	PASS	PASS	
6/12/2014	3.6	240	PASS	PASS	
6/12/2014	3.2	240	PASS	PASS	
6/13/2014	3.6	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/16/2014	3.6	240	PASS	PASS	
6/16/2014	3.2	240	PASS	PASS	
6/17/2014	3.6	240	PASS	PASS	
6/17/2014	3.2	240	PASS	PASS	
6/18/2014	3.6	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/19/2014	3.6	240	PASS	PASS	
6/19/2014	3.2	240	PASS	PASS	
6/20/2014	3.2	240	PASS	PASS	
6/20/2014	3.2	240	PASS	PASS	
6/23/2014	3.4	240	PASS	PASS	
6/23/2014	3.2	240	PASS	PASS	
6/24/2014	3.4	240	PASS	PASS	
6/24/2014	3.2	240	PASS	PASS	
6/25/2014	3.2	240	PASS	PASS	
6/25/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/27/2014	3.2	240	PASS	PASS	
6/27/2014	3.2	240	PASS	PASS	
6/30/2014	3.2	240	PASS	PASS	
6/30/2014	3.2	240	PASS	PASS	
7/1/2014	3.2	240	PASS	PASS	
7/1/2014	3.2	240	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/2/2014	3.4	240	PASS	PASS	
7/3/2014	3.2	240	PASS	PASS	

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309127	5/3/2014	5/3/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.6	240	PASS	PASS	
7/7/2014	3.6	220	PASS	PASS	
7/7/2014	3.2	240	PASS	PASS	
7/8/2014	3.2	200	PASS	PASS	
7/8/2014	3.4	240	PASS	PASS	
7/9/2014	3.6	220	PASS	PASS	
7/9/2014	3.6	240	PASS	PASS	
7/10/2014	3.2	220	PASS	PASS	
7/10/2014	3.2	240	PASS	PASS	
7/11/2014	3.4	240	PASS	PASS	
7/11/2014	3.4	240	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/15/2014	3.6	240	PASS	PASS	
7/15/2014	3.2	240	PASS	PASS	
7/16/2014	3.2	240	PASS	PASS	
7/16/2014	3.2	240	PASS	PASS	
7/17/2014	3.2	220	PASS	PASS	
7/17/2014	3.2	240	PASS	PASS	
7/18/2014	3.4	240	PASS	PASS	
7/18/2014	3.4	240	PASS	PASS	
7/21/2014	3.2	240	PASS	PASS	
7/21/2014	3.4	240	PASS	PASS	
7/22/2014	3.0	240	PASS	PASS	
7/22/2014	3.4	240	PASS	PASS	
7/23/2014	3.2	240	PASS	PASS	
7/23/2014	3.6	240	PASS	PASS	
7/24/2014	3.6	240	PASS	PASS	
7/24/2014	3.2	240	PASS	PASS	
7/25/2014	3.4	220	PASS	PASS	
7/25/2014	3.4	240	PASS	PASS	
7/28/2014	3.6	240	PASS	PASS	
7/28/2014	3.2	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/30/2014	3.2	280	PASS	PASS	

CB&I Federal Services

		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309127	5/3/2014	5/3/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.6	240	PASS	PASS	
7/31/2014	3.2	240	PASS	PASS	
7/31/2014	3.2	240	PASS	PASS	
8/1/2014	3.2	240	PASS	PASS	
8/1/2014	3.2	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/6/2014	3.2	220	PASS	PASS	
8/6/2014	3.2	240	PASS	PASS	
8/7/2014	3.0	240	PASS	PASS	
8/7/2014	3.4	240	PASS	PASS	
8/8/2014	3.2	220	PASS	PASS	
8/8/2014	3.2	240	PASS	PASS	
8/11/2014	3.2	220	PASS	PASS	
8/11/2014	3.2	240	PASS	PASS	
8/12/2014	3.2	240	PASS	PASS	
8/12/2014	3.4	240	PASS	PASS	
8/13/2014	3.0	240	PASS	PASS	
8/13/2014	3.6	240	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/15/2014	3.2	220	PASS	PASS	
8/15/2014	3.2	240	PASS	PASS	
8/18/2014	3.2	240	PASS	PASS	
8/18/2014	3.2	240	PASS	PASS	
8/19/2014	3.2	240	PASS	PASS	
8/19/2014	3.4	240	PASS	PASS	

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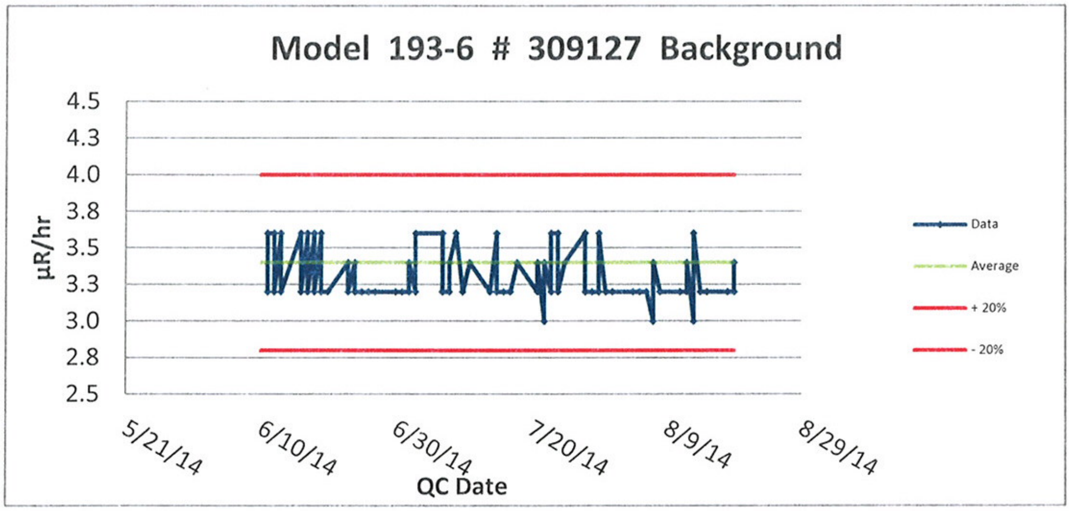
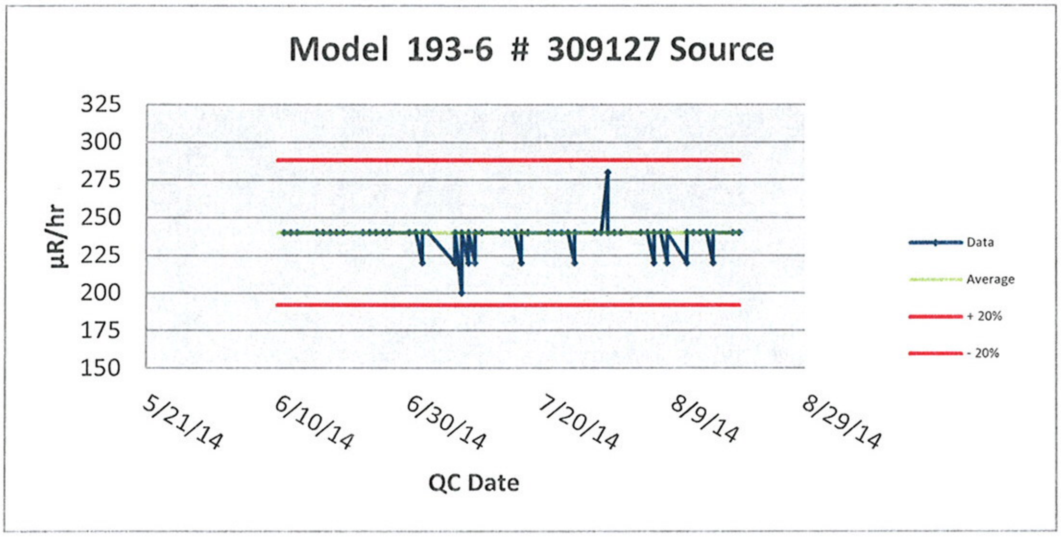
Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309127	5/3/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	3.6
2	3.6
3	3.2
4	3.6
5	3.6
6	3.6
7	3.2
8	3.6
9	2.8
10	3.2
Mean	3.40
20%	0.68

-20% (µR/hr)
2.8

+20% (µR/hr)
4.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

CB&I Federal Services

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309127	5/3/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	240
2	240
3	240
4	240
5	240
6	240
7	240
8	240
9	240
10	240
Mean	240.00
20%	48.00

-20% (μR/hr)
192.0

+20% (μR/hr)
288.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**

Reviewed By :	Jerry	**Date :**	6/10/2014

Designer and Manufacturer
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CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

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Sweetwater, TX 79556, U.S.A.

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865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I FEDERAL SVCS LLOC ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309128

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337354

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.
☑ Meter Zeroed
☑ Reset ck.
☑ Alarm Setting ck.
☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC
☐ Input Sens. Linearity
☑ Geotropism

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 875 V Input Sens. 10 mV Det. Oper. 875 V at 10 mV Threshold Dial Ratio ______ = ______ mV

☐ HV Readout (2 points) Ref./Inst. ______ / ______ V Ref./Inst. ______ / ______ V

COMMENTS:

Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 μR/hr= 1160000cpm		0.8
x1000	200 μR/hr		0.21
x100	116000 cpm		0.8
x100	29000 cpm		0.2
x10	11600 cpm		0.8
x10	2900 cpm		0.2
x1	1160 cpm		0.8
x1	290 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout			

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ______ ☐ Beta S/N ______ ☑ Other Cs137 # 2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ______ ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14

Reviewed By: Diana Dehara Date 9 May 14

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AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

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Bench Test Data For Detector

Detector 44-132 Serial No. PR337354

Customer CB&I FEDERAL SVCS LLOC

Order #. 20244303

Counter 2200 Serial No. 290470

Counter Input Sensitivity 10 mV

Count Time 6 Seconds

Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5µci	Isotope Size	Isotope Size	Isotope Size
650	246	32507			
675	300	35797			
700	352	38879			
725	404	41155			
750	447	43409			
775	468	45630			
800	584	46952			
825	563	48166			
850	612	49168			
→ 875	660	49979			
900	716	50716			
925	764	51283			
950	834	51821			
975	874	52448			
1000	892	52819			
1025	985	53029			
1050	1020	53861			

Signature Manuela Aguilar

Date 8-may-14

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309128	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014					X
6/10/2014					X
6/11/2014	2.8	240	PASS	PASS	
6/11/2014	3.2	240	PASS	PASS	
6/12/2014	3.6	240	PASS	PASS	
6/12/2014	3.2	240	PASS	PASS	
6/13/2014	3.6	240	PASS	PASS	
6/13/2014	3.2	240	PASS	PASS	
6/16/2014	3.6	240	PASS	PASS	
6/16/2014	3.2	240	PASS	PASS	
6/17/2014	3.6	240	PASS	PASS	
6/17/2014	3.2	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/18/2014	3.2	240	PASS	PASS	
6/19/2014	3.2	240	PASS	PASS	
6/19/2014	3.2	240	PASS	PASS	
6/20/2014	3.2	220	PASS	PASS	
6/20/2014	3.2	240	PASS	PASS	
6/23/2014	3.2	240	PASS	PASS	
6/23/2014	3.2	240	PASS	PASS	
6/24/2014	3.2	240	PASS	PASS	
6/24/2014	3.2	240	PASS	PASS	
6/25/2014	3.2	220	PASS	PASS	
6/25/2014	3.2	240	PASS	PASS	
6/26/2014	3.2	200	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/27/2014	3.2	220	PASS	PASS	
6/27/2014	3.2	240	PASS	PASS	
6/30/2014	3.2	220	PASS	PASS	
6/30/2014	3.2	240	PASS	PASS	
7/1/2014	3.2	220	PASS	PASS	
7/1/2014	3.2	240	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/2/2014	3.4	240	PASS	PASS	
7/3/2014	3.0	220	PASS	PASS	

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309128	5/8/2014	5/8/2015
		Calibration	OK

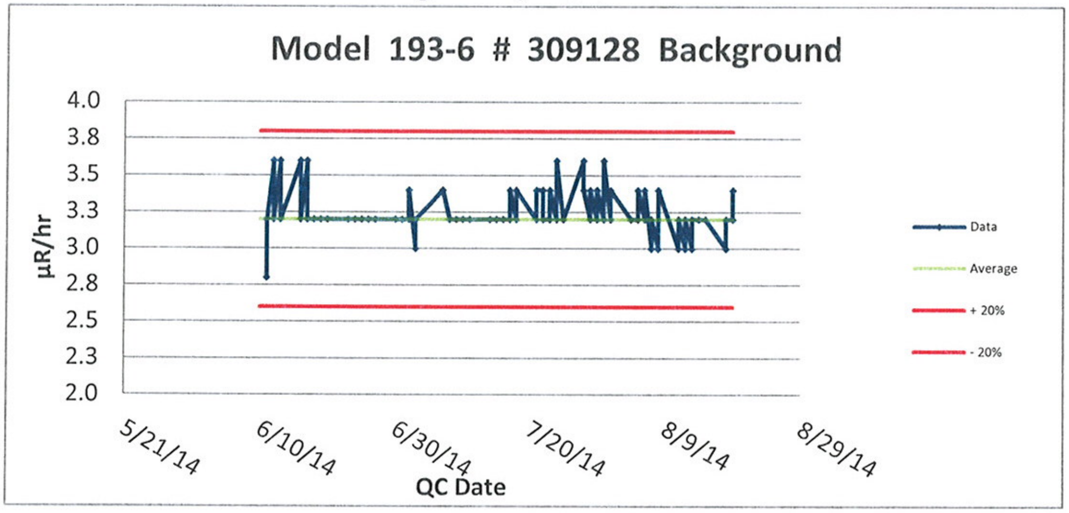
Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.2	240	PASS	PASS	
7/7/2014	3.4	240	PASS	PASS	
7/7/2014	3.4	240	PASS	PASS	
7/8/2014	3.2	220	PASS	PASS	
7/8/2014	3.2	240	PASS	PASS	
7/9/2014	3.2	200	PASS	PASS	
7/9/2014	3.2	240	PASS	PASS	
7/10/2014	3.2	220	PASS	PASS	
7/10/2014	3.2	240	PASS	PASS	
7/11/2014	3.2	240	PASS	PASS	
7/11/2014	3.2	240	PASS	PASS	
7/14/2014	3.2	220	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/15/2014	3.2	240	PASS	PASS	
7/15/2014	3.2	240	PASS	PASS	
7/16/2014	3.2	220	PASS	PASS	
7/16/2014	3.2	240	PASS	PASS	
7/17/2014	3.2	220	PASS	PASS	
7/17/2014	3.4	240	PASS	PASS	
7/18/2014	3.2	220	PASS	PASS	
7/18/2014	3.4	240	PASS	PASS	
7/21/2014	3.2	240	PASS	PASS	
7/21/2014	3.4	240	PASS	PASS	
7/22/2014	3.4	240	PASS	PASS	
7/22/2014	3.2	240	PASS	PASS	
7/23/2014	3.2	240	PASS	PASS	
7/23/2014	3.4	240	PASS	PASS	
7/24/2014	3.2	240	PASS	PASS	
7/24/2014	3.6	240	PASS	PASS	
7/25/2014	3.2	240	PASS	PASS	
7/25/2014	3.2	240	PASS	PASS	
7/28/2014	3.6	240	PASS	PASS	
7/28/2014	3.4	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/29/2014	3.4	240	PASS	PASS	
7/30/2014	3.2	280	PASS	PASS	

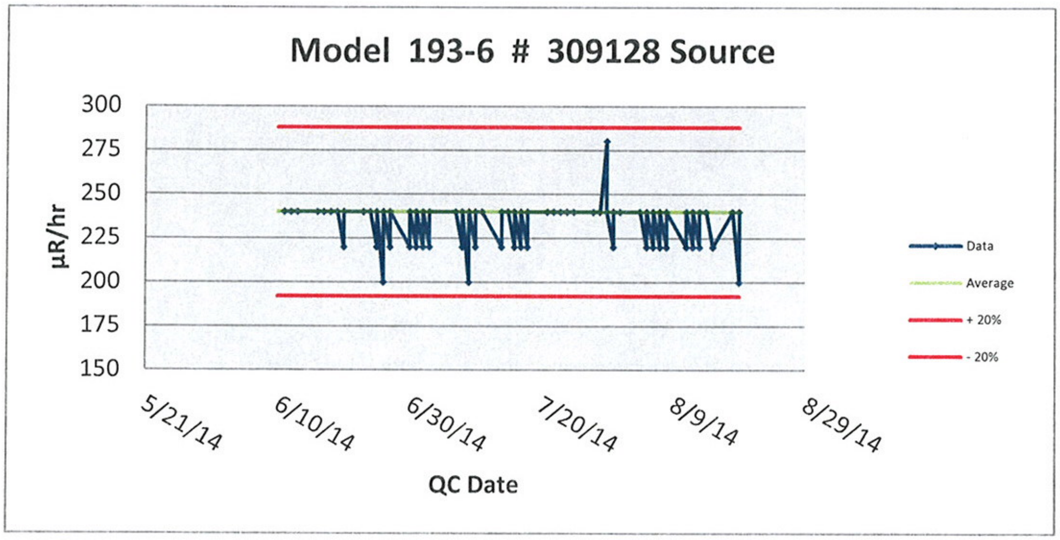
CB&I Federal Services

		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309128	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.4	240	PASS	PASS	
7/31/2014	3.2	220	PASS	PASS	
7/31/2014	3.6	240	PASS	PASS	
8/1/2014	3.2	240	PASS	PASS	
8/1/2014	3.4	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/5/2014	3.2	220	PASS	PASS	
8/5/2014	3.4	240	PASS	PASS	
8/6/2014	3.2	220	PASS	PASS	
8/6/2014	3.4	240	PASS	PASS	
8/7/2014	3.0	220	PASS	PASS	
8/7/2014	3.2	240	PASS	PASS	
8/8/2014	3.0	220	PASS	PASS	
8/8/2014	3.4	240	PASS	PASS	
8/11/2014	3.0	220	PASS	PASS	
8/11/2014	3.2	240	PASS	PASS	
8/12/2014	3.0	220	PASS	PASS	
8/12/2014	3.2	240	PASS	PASS	
8/13/2014	3.0	220	PASS	PASS	
8/13/2014	3.2	240	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/14/2014	3.2	240	PASS	PASS	
8/15/2014	3.2	220	PASS	PASS	
8/15/2014	3.2	220	PASS	PASS	
8/18/2014	3.0	240	PASS	PASS	
8/18/2014	3.2	240	PASS	PASS	
8/19/2014	3.2	200	PASS	PASS	
8/19/2014	3.4	240	PASS	PASS	

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309128	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	3.2
2	3.2
3	3.2
4	3.2
5	3.2
6	3.2
7	3.2
8	3.2
9	3.2
10	3.2
Mean	3.20
20%	0.64

-20% (µR/hr)
2.6

+20% (µR/hr)
3.8

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

CB&I Federal Services

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309128	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	240
2	240
3	240
4	240
5	240
6	240
7	240
8	240
9	240
10	240
Mean	240.00
20%	48.00

-20% (µR/hr)
192.0

+20% (µR/hr)
288.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

Designer and Manufacturer
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CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.

501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I FEDERAL SVCS LLOC

ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309131

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337360

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.
☑ Meter Zeroed
☑ Reset ck.
☑ Alarm Setting ck.
☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC
☐ Input Sens. Linearity
☑ Geotropism

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89.
☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 850 V Input Sens. 10 mV Det. Oper. 850 V at 10 mV Threshold Dial Ratio ____ = ____ mV

☐ HV Readout (2 points) Ref./Inst. ____ / ____ V Ref./Inst. ____ / ____ V

COMMENTS:

```
Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.
```

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 μR/hr= 1090000cpm		0.8
x1000	200 μR/hr		0.21
x100	109000 cpm		0.8
x100	27300 cpm		0.2
x10	10900 cpm		0.8
x10	2730 cpm		0.2
x1	1090 cpm		0.8
x1	273 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 **Range(s) Calibrated Electronically**

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ____ ☐ Beta S/N ____ ☑ Other Cs137#2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ____ ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14

Reviewed By: Diana De Loera Date 9 May 14

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FORM C22A 11/22/2013 Page 1 of 2

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed: ____

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Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR337360

Customer CB&I FEDERAL SVCS LLOC

Order #. 20244303

Counter 2200 Serial No. 290470

Counter Input Sensitivity 10 mV

Count Time 6 Seconds

Distance Source to Detector ≈2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5µCi	Isotope Size	Isotope Size	Isotope Size
675	244	32932			
700	292	35299			
725	365	37686			
750	361	40302			
775	428	42282			
800	549	44367			
825	550	46057			
→850	565	46492			
875	666	47698			
900	793	48721			
925	798	49604			
950	883	50124			
975	828	50548			
1000	802	51069			
1025	841	51898			
1050	880	52400			
1075	995	53266			
1100	1010	55084			

Signature Manuela Aguilar

Date 8-May-14

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309131	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014					X
6/10/2014					X
6/11/2014	3.6	240	PASS	PASS	
6/11/2014					X
6/12/2014					X
6/12/2014					X
6/13/2014					X
6/13/2014					X
6/16/2014					X
6/16/2014					X
6/17/2014	3.6	240	PASS	PASS	
6/17/2014					X
6/18/2014					X
6/18/2014					X
6/19/2014					X
6/19/2014	3.0	240	PASS	PASS	
6/20/2014	3.2	220	PASS	PASS	
6/20/2014	3.2	200	PASS	PASS	
6/23/2014	3.2	240	PASS	PASS	
6/23/2014	3.2	240	PASS	PASS	
6/24/2014	3.2	200	PASS	PASS	
6/24/2014	3.2	240	PASS	PASS	
6/25/2014	3.0	220	PASS	PASS	
6/25/2014	3.0	240	PASS	PASS	
6/26/2014	3.0	240	PASS	PASS	
6/26/2014	3.2	240	PASS	PASS	
6/27/2014	3.0	240	PASS	PASS	
6/27/2014	3.2	240	PASS	PASS	
6/30/2014	3.0	220	PASS	PASS	
6/30/2014	3.2	240	PASS	PASS	
7/1/2014	3.0	200	PASS	PASS	
7/1/2014	3.2	240	PASS	PASS	
7/2/2014	3.2	220	PASS	PASS	
7/2/2014	3.2	240	PASS	PASS	
7/3/2014	3.0	220	PASS	PASS	

CB&I Federal Services

		Source ID #	Source Nuclide
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309131	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	3.0	240	PASS	PASS	
7/7/2014	3.2	240	PASS	PASS	
7/7/2014	3.2	240	PASS	PASS	
7/8/2014	3.8	220	PASS	PASS	
7/8/2014	3.2	220	PASS	PASS	
7/9/2014	3.0	220	PASS	PASS	
7/9/2014	3.2	240	PASS	PASS	
7/10/2014	3.0	220	PASS	PASS	
7/10/2014	3.0	240	PASS	PASS	
7/11/2014	3.0	220	PASS	PASS	
7/11/2014	3.0	240	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/14/2014	3.2	240	PASS	PASS	
7/15/2014	3.2	240	PASS	PASS	
7/15/2014	3.0	240	PASS	PASS	
7/16/2014	3.0	220	PASS	PASS	
7/16/2014	3.0	240	PASS	PASS	
7/17/2014	3.2	220	PASS	PASS	
7/17/2014	3.0	240	PASS	PASS	
7/18/2014	3.0	220	PASS	PASS	
7/18/2014	3.2	240	PASS	PASS	
7/21/2014	3.2	240	PASS	PASS	
7/21/2014	3.2	240	PASS	PASS	
7/22/2014	3.2	220	PASS	PASS	
7/22/2014	3.2	220	PASS	PASS	
7/23/2014	3.0	220	PASS	PASS	
7/23/2014	3.2	240	PASS	PASS	
7/24/2014	3.2	220	PASS	PASS	
7/24/2014	3.2	240	PASS	PASS	
7/25/2014	3.2	220	PASS	PASS	
7/25/2014	3.2	240	PASS	PASS	
7/28/2014	3.2	240	PASS	PASS	
7/28/2014	3.0	240	PASS	PASS	
7/29/2014	3.0	240	PASS	PASS	
7/29/2014	3.2	240	PASS	PASS	
7/30/2014	3.2	240	PASS	PASS	

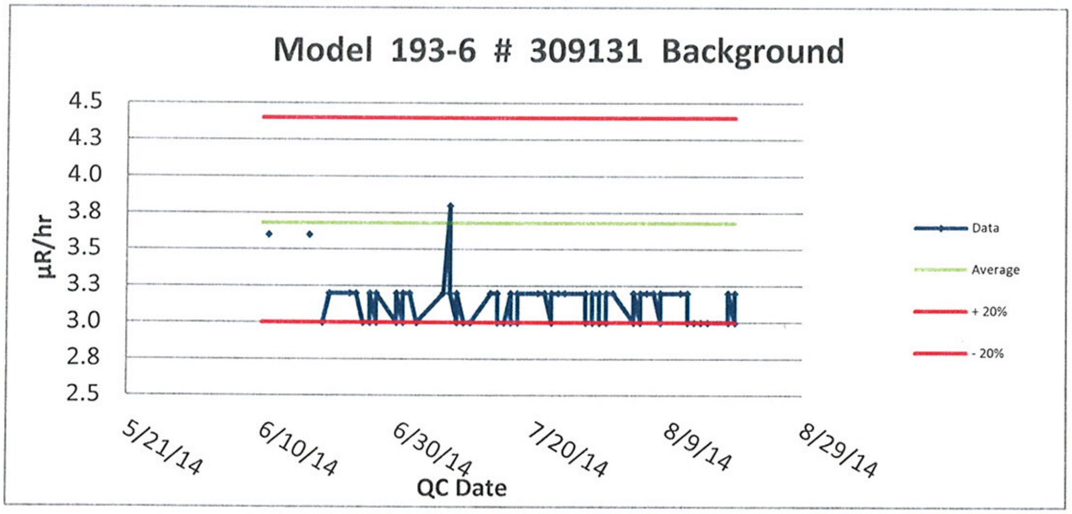
CB&I Federal Services

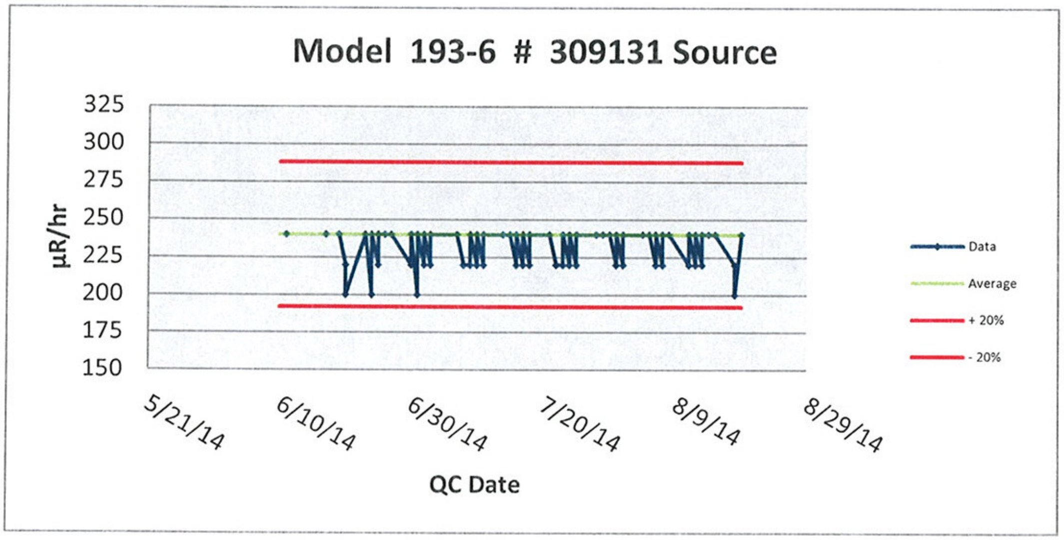
		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309131	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	3.0	240	PASS	PASS	
7/31/2014	3.0	220	PASS	PASS	
7/31/2014	3.2	240	PASS	PASS	
8/1/2014	3.2	220	PASS	PASS	
8/1/2014	3.2	240	PASS	PASS	
8/4/2014	3.0	240	PASS	PASS	
8/4/2014	3.2	240	PASS	PASS	
8/5/2014	3.0	240	PASS	PASS	
8/5/2014	3.2	240	PASS	PASS	
8/6/2014	3.2	220	PASS	PASS	
8/6/2014	3.2	240	PASS	PASS	
8/7/2014	3.2	220	PASS	PASS	
8/7/2014	3.2	240	PASS	PASS	
8/8/2014	3.0	240	PASS	PASS	
8/8/2014	3.2	240	PASS	PASS	
8/11/2014	3.2	220	PASS	PASS	
8/11/2014	3.2	240	PASS	PASS	
8/12/2014	3.2	220	PASS	PASS	
8/12/2014	3.0	240	PASS	PASS	
8/13/2014	3.0	220	PASS	PASS	
8/13/2014	3.0	240	PASS	PASS	
8/14/2014	3.0	240	PASS	PASS	
8/14/2014	3.0	240	PASS	PASS	
8/15/2014	3.0	240	PASS	PASS	
8/15/2014	3.0	240	PASS	PASS	
8/18/2014	3.0	220	PASS	PASS	
8/18/2014	3.2	200	PASS	PASS	
8/19/2014	3.0	240	PASS	PASS	
8/19/2014	3.2	240	PASS	PASS	

CB&I Federal Services

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309131	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	3.6
2	3.6
3	3.6
4	3.6
5	3.6
6	3.6
7	3.6
8	4.0
9	4.0
10	3.6
Mean	3.68
20%	0.74

-20% (μR/hr)
3.0

+20% (μR/hr)
4.4

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

CB&I Federal Services

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309131	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	μR/hr
1	240
2	240
3	240
4	240
5	240
6	240
7	240
8	240
9	240
10	240
Mean	240.00
20%	48.00

-20% (μR/hr)
192.0

+20% (μR/hr)
288.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

Designer and Manufacturer
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CERTIFICATE OF CALIBRATION

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I FEDERAL SVCS LLOC ORDER NO. 20244303

Mfg. Ludlum Measurements, Inc. Model 193-6 Serial No. 309136

Mfg. Ludlum Measurements, Inc. Model 44-132 Serial No. PR337374

Cal. Date 8-May-14 Cal Due Date 8-May-15 Cal. Interval 1 Year Meterface 202-910

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 73 °F RH 40 % Alt 695.8 mm Hg

☑ New Instrument Instrument Received ☐ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck. ☑ Meter Zeroed ☐ Background Subtract ☐ Input Sens. Linearity
☑ F/S Resp. ck ☑ Reset ck. ☐ Window Operation ☑ Geotropism
☑ Audio ck. ☑ Alarm Setting ck. ☑ Batt. ck. (Min. Volt) 2.2 VDC

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89. ☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 850 V Input Sens. 10 mV Det. Oper. 850 V at 10 mV Threshold Dial Ratio ______ = ______ mV

☐ HV Readout (2 points) Ref./Inst. ______ / ______ V Ref./Inst. ______ / ______ V

COMMENTS:

```
Alarm set at full scale. Alarm is range dependent.
Sigma alarm function was checked for proper operation.
Millivoltage measured using 50 inch cable.
Model 193-6 calibrated using 50 inch cable.
```

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER	REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
x1000	800 µR/hr= 1090000cpm		0.8
x1000	200 µR/hr		0.21
x100	109000 cpm		0.8
x100	27300 cpm		0.2
x10	10900 cpm		0.8
x10	2730 cpm		0.2
x1	1090 cpm		0.8
x1	273 cpm		0.2

*Uncertainty within ± 10% C.F. within ± 20%

X100 , X10 , X1 Range(s) Calibrated Electronically

	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*		REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*
Digital Readout				Log Scale			

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☐ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ______ ☐ Beta S/N ______ ☑ Other Cs137 #2261CP

☑ m 500 S/N 289155 ☐ Oscilloscope S/N ______ ☑ Multimeter S/N 14670125

Calibrated By: Manuela Aguilar Date 8-May-14

Reviewed By: Diana Alkorn Date 9 May 14

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FORM C22A 11/22/2013 Page 1 of 2

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed: ______

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865-392-4601
Knoxville, TN 37932, U.S.A.

Bench Test Data For Detector

Detector 44-132 Serial No. PR337374

Customer CB&I FEDERAL SVCS LLOC Order #. 20244303

Counter 2200 Serial No. 290470 Counter Input Sensitivity 10 mV

Count Time 6 Seconds Distance Source to Detector ≈ 2cm

Other

High Voltage	Background	Isotope Cs137 Size ≈5μCi	Isotope Size	Isotope Size	Isotope Size
675	200	31698			
700	242	34929			
725	351	37765			
750	409	40075			
775	468	42676			
M.A ~~4~~800	466	44316			
825	536	46054			
850	643	47572			
875	715	48402			
900	678	49216			
925	737	50015			
950	773	50901			
975	826	51320			
1000	850	51955			
1025	863	51996			
1050	962	52815			
1075	973	52926			
1100	969	53663			

Signature Manuela Aguilar Date 8-May-14

CB&I Federal Services

Source ID #	Source Nuclide
1405-22-1	Cs-137

Instrument Model	Instrument Serial #	Calibration Date	Calibration Due Date
193-6	309136	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
6/10/2014					X
6/10/2014					X
6/11/2014	2.8	200	PASS	PASS	
6/11/2014					X
6/12/2014					X
6/12/2014					X
6/13/2014					X
6/13/2014					X
6/16/2014	3.2	200	PASS	PASS	
6/16/2014	2.8	200	PASS	PASS	
6/17/2014	2.8	200	PASS	PASS	
6/17/2014	2.8	200	PASS	PASS	
6/18/2014	2.8	200	PASS	PASS	
6/18/2014	2.8	200	PASS	PASS	
6/19/2014	2.8	200	PASS	PASS	
6/19/2014	2.8	200	PASS	PASS	
6/20/2014	2.8	200	PASS	PASS	
6/20/2014	2.8	200	PASS	PASS	
6/23/2014	2.8	200	PASS	PASS	
6/23/2014	2.8	200	PASS	PASS	
6/24/2014	2.8	200	PASS	PASS	
6/24/2014	2.8	200	PASS	PASS	
6/25/2014	2.8	200	PASS	PASS	
6/25/2014	2.8	200	PASS	PASS	
6/26/2014	2.8	200	PASS	PASS	
6/26/2014	2.8	220	PASS	PASS	
6/27/2014	2.8	220	PASS	PASS	
6/27/2014	2.8	200	PASS	PASS	
6/30/2014	2.8	200	PASS	PASS	
6/30/2014	2.8	200	PASS	PASS	
7/1/2014	2.8	200	PASS	PASS	
7/1/2014	2.8	200	PASS	PASS	
7/2/2014	2.8	200	PASS	PASS	
7/2/2014	2.8	200	PASS	PASS	
7/3/2014	2.8	200	PASS	PASS	

CB&I Federal Services

		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309136	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/3/2014	2.8	200	PASS	PASS	
7/7/2014	2.8	200	PASS	PASS	
7/7/2014	2.8	200	PASS	PASS	
7/8/2014	2.8	200	PASS	PASS	
7/8/2014	2.8	200	PASS	PASS	
7/9/2014	2.8	220	PASS	PASS	
7/9/2014	2.8	200	PASS	PASS	
7/10/2014	2.8	200	PASS	PASS	
7/10/2014	2.8	200	PASS	PASS	
7/11/2014	2.8	200	PASS	PASS	
7/11/2014	2.8	200	PASS	PASS	
7/14/2014	2.8	200	PASS	PASS	
7/14/2014	2.8	220	PASS	PASS	
7/15/2014	2.8	200	PASS	PASS	
7/15/2014	2.8	220	PASS	PASS	
7/16/2014	2.8	220	PASS	PASS	
7/16/2014	2.8	220	PASS	PASS	
7/17/2014	2.8	220	PASS	PASS	
7/17/2014	2.8	220	PASS	PASS	
7/18/2014	2.8	200	PASS	PASS	
7/18/2014	2.8	240	PASS	PASS	
7/21/2014	2.8	220	PASS	PASS	
7/21/2014	2.6	220	PASS	PASS	
7/22/2014	2.8	220	PASS	PASS	
7/22/2014	2.8	200	PASS	PASS	
7/23/2014	2.8	220	PASS	PASS	
7/23/2014	2.8	220	PASS	PASS	
7/24/2014	2.6	220	PASS	PASS	
7/24/2014	2.8	240	PASS	PASS	
7/25/2014	2.8	200	PASS	PASS	
7/25/2014	2.8	220	PASS	PASS	
7/28/2014	3.2	200	PASS	PASS	
7/28/2014	2.8	240	PASS	PASS	
7/29/2014	2.8	200	PASS	PASS	
7/29/2014	2.8	200	PASS	PASS	
7/30/2014	2.8	200	PASS	PASS	

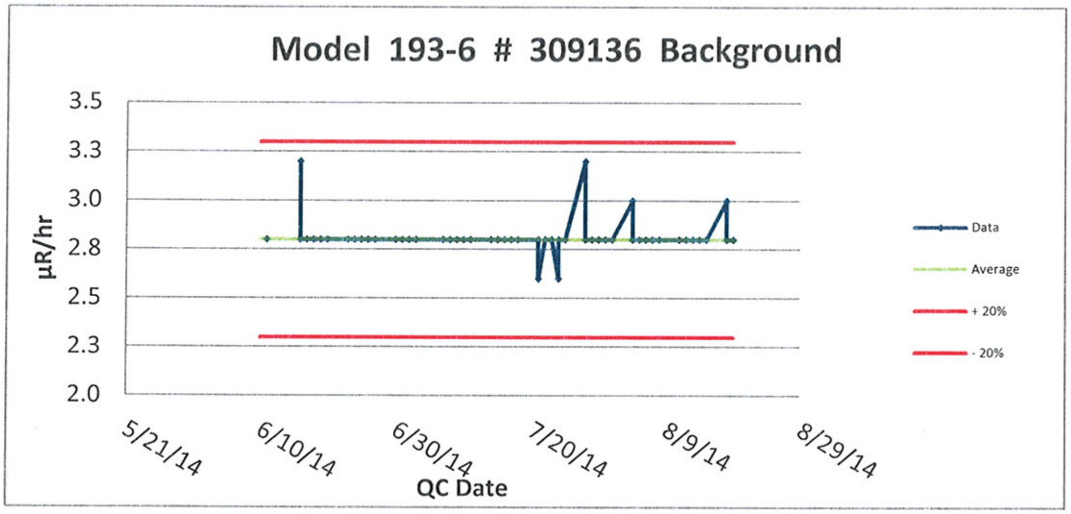
CB&I Federal Services

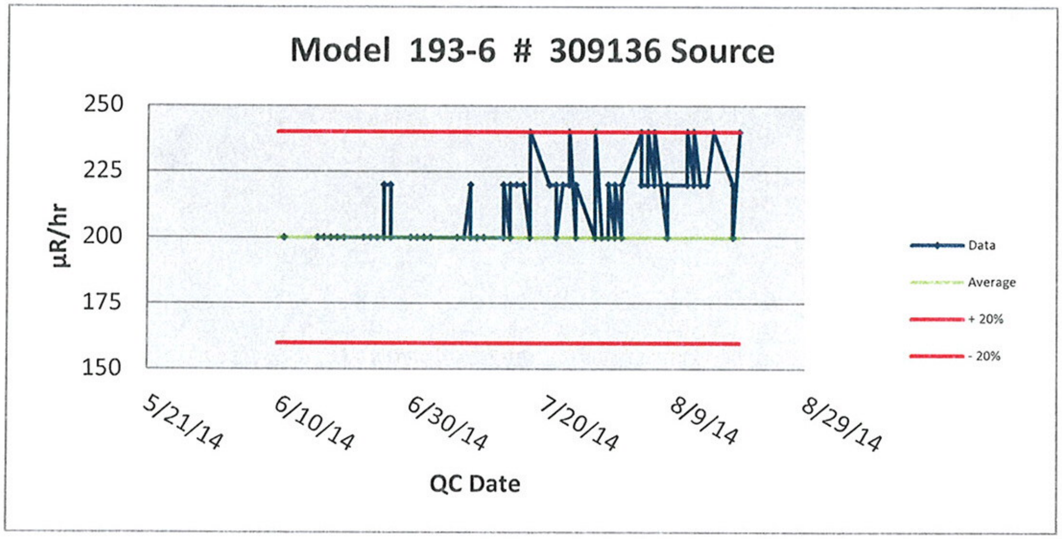
		Source ID #	**Source Nuclide**
		1405-22-1	Cs-137
Instrument Model	**Instrument Serial #**	**Calibration Date**	**Calibration Due Date**
193-6	309136	5/8/2014	5/8/2015
		Calibration	OK

Date	Background (µR/hr)	Source (µR/hr)	Pass or Fail Background	Pass or Fail Source	Instrument not used
7/30/2014	2.8	220	PASS	PASS	
7/31/2014	2.8	200	PASS	PASS	
7/31/2014	2.8	220	PASS	PASS	
8/1/2014	2.8	200	PASS	PASS	
8/1/2014	2.8	220	PASS	PASS	
8/4/2014	3.0	240	PASS	PASS	
8/4/2014	2.8	220	PASS	PASS	
8/5/2014	2.8	220	PASS	PASS	
8/5/2014	2.8	240	PASS	PASS	
8/6/2014	2.8	220	PASS	PASS	
8/6/2014	2.8	240	PASS	PASS	
8/7/2014	2.8	220	PASS	PASS	
8/7/2014	2.8	220	PASS	PASS	
8/8/2014	2.8	200	PASS	PASS	
8/8/2014	2.8	220	PASS	PASS	
8/11/2014	2.8	220	PASS	PASS	
8/11/2014	2.8	240	PASS	PASS	
8/12/2014	2.8	220	PASS	PASS	
8/12/2014	2.8	240	PASS	PASS	
8/13/2014	2.8	220	PASS	PASS	
8/13/2014	2.8	220	PASS	PASS	
8/14/2014	2.8	220	PASS	PASS	
8/14/2014	2.8	220	PASS	PASS	
8/15/2014	2.8	240	PASS	PASS	
8/15/2014	2.8	240	PASS	PASS	
8/18/2014	3.0	220	PASS	PASS	
8/18/2014	2.8	200	PASS	PASS	
8/19/2014	2.8	240	PASS	PASS	
8/19/2014	2.8	240	PASS	PASS	

CB&I Federal Services

Reviewed By: 8/20/2014





CB&I Federal Services

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
193-6	309136	5/8/2015

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	2.8
2	2.8
3	2.8
4	2.8
5	2.8
6	2.8
7	2.8
8	2.8
9	2.8
10	2.8
Mean	2.80
20%	0.56

-20% (µR/hr)
2.3

+20% (µR/hr)
3.3

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
193-6	309136	5/8/2015	Cs-137	1405-22-1

Surface Type :	4" Jig Set Up in 570 Lab
Date Collected :	6/10/2014
Collected By :	E. Ramirez

#	µR/hr
1	200
2	200
3	200
4	200
5	200
6	200
7	200
8	200
9	200
10	200
Mean	200.00
20%	40.00

-20% (µR/hr)
160.0

+20% (µR/hr)
240.0

Completed By :	**E. Ramirez**	**Date :**	**6/10/2014**
Reviewed By :		**Date :**	6/10/2014

Designer and Manufacturer
of
Scientific and Industrial
Instruments

CERTIFICATE OF CALIBRATION

67006

LUDLUM MEASUREMENTS, INC.
501 Oak Street
325-235-5494
Sweetwater, TX 79556, U.S.A.

☐ 10744 Dutchtown Road
865-392-4601
Knoxville, TN 37932, U.S.A.

CUSTOMER CB&I

ORDER NO. 20243445/405343

Ludlum Measurements, Inc. Model 19 Serial No. 267078

Mfg. Model Serial No.

Cal. Date 18-Apr-14 Cal Due Date 18-Apr-15 Cal. Interval 1 Year Meterface 202-1070

Check mark ☑ applies to applicable instr. and/or detector IAW mfg. spec. T. 75 °F RH 20 % Alt 703.8 mm Hg

☐ New Instrument Instrument Received ☑ Within Toler. +-10% ☐ 10-20% ☐ Out of Tol. ☐ Requiring Repair ☐ Other-See comments

☑ Mechanical ck.
☑ F/S Resp. ck
☑ Audio ck.
☑ Meter Zeroed
☑ Reset ck.
☐ Alarm Setting ck.
☐ Background Subtract
☐ Window Operation
☑ Batt. ck. (Min. Volt) 2.2 VDC
☐ Input Sens. Linearity
☑ Geotropism

☐ Calibrated in accordance with LMI SOP 14.8 rev 12/05/89.
☑ Calibrated in accordance with LMI SOP 14.9 rev 02/07/97.

Instrument Volt Set 600 V Input Sens. 28 mV Det. Oper. V at mV Threshold Dial Ratio = mV

☑ HV Readout (2 points) Ref./Inst. 500 / 500 V Ref./Inst. 1500 / 1500 V

COMMENTS:

`Cs137≈1.9mCi(s/n:M565)`

Gamma Calibration: GM detectors positioned perpendicular to source except for M 44-9 in which the front of probe faces source.

RANGE/MULTIPLIER		REFERENCE CAL. POINT	INSTRUMENT REC'D "AS FOUND READING"	INSTRUMENT METER READING*
5000	31.2 cm	4000µR/hr	4000	4000
5000	62.8 cm	1000µR/hr	1000	1000
500	98.3 cm	400µR/hr = 71500 cpm	400	400
500	201 cm	100µR/hr	100	100
250	138.3 cm	200µR/hr = 38400 cpm	200	200
250	201 cm	100µR/hr	100	100
50		7150 cpm	40	40
50		1780 cpm	10	10
25		3840 cpm	20	20
25		960 cpm	5	5

*Uncertainty within ± 10% C.F. within ± 20%

X 50, 25 **Range(s) Calibrated Electronically**

Digital Readout	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*	Log Scale	REFERENCE CAL. POINT	INSTRUMENT RECEIVED	INSTRUMENT METER READING*

Ludlum Measurements, Inc. certifies that the above instrument has been calibrated by standards traceable to the National Institute of Standards and Technology, or to the calibration facilities of other International Standards Organization members, or have been derived from accepted values of natural physical constants or have been derived by the ratio type of calibration techniques.
The calibration system conforms to the requirements of ANSI/NCSL Z540-1-1994 and ANSI N323-1978

State of Texas Calibration License No. LO-1963

Reference Instruments and/or Sources: Cs-137 S/N: ☐ 059 ☐ 280 ☐ 720 ☐ 734 ☐ 781 ☐ 1131 ☐ 1616 ☐ 1696 ☐ 1909 ☐ 1916CP ☐ 5105 ☐ 5717CO ☐ 5719CO ☐ 60646 ☐ 70897 ☐ 73410 ☐ E552 ☐ G112 ☑ M565 ☐ S-394 ☐ S-1054 ☐ T879 ☐ T10081 ☐ T10082 Neutron Am-241 Be S/N: ☐ T-304 Ra-226 S/N: ☐ Y982

☐ Alpha S/N ☐ Beta S/N ☐ Other

m 500 S/N 289158 ☐ Oscilloscope S/N ☑ Multimeter S/N 93870637

Calibrated By: Jeremy Thompson Date 18-Apr-14

Reviewed By: Date 18 Apr 14

This certificate shall not be reproduced except in full, without the written approval of Ludlum Measurements, Inc.
FORM C22A 11/22/2013 Page 1 of 1

AC Inst. Only ☐ Passed Dielectric (Hi-Pot) and Continuity Test ☐ Failed:

Shipment Packing List

Bill ShipTo 00501.77122412.4701.R2330100 ***Dispatch To:*** 77122412.R2330100

Client E-Mac Project

Contact Lisa Coffey

Company CB&I

Address Treasure Island
950 Ave M Bldg 570

City San Francisco ***State*** CA ***ZipCode*** 94130

Country United States

Site Phone Number (415) 277-6983 ***Ext*** ***Fax Number***

Requested By Lisa Coffey ***Phone*** (925) 250-7723

Request # *39643*

Taken By *TF*

Request Date *04/16/14*

Date Required *04/28/14*

Request Filled ☒

Special Instructions: **model 19 to replace unit such and such trending low**

Standard N-Day

Unit Type	*UnitNumber*	*Description*	*Sent*	*Weight*	*Haz*	*Tracking #*
Nuclear	67006	Ludlum model 19 - Micro R	☑	14	**No**	

Final Check By:

DISPATCH FORM

CONTROL NO. EL39643

1. ORIGINAL ☐

2. TO JOB NO./DEPT 77122412

3. DESTINATION City /State San Francisco CA

4. CLIENT E-Mac Project

5. DATE/TIME DEPARTURE 04/22/14,1600

6. DATE/TIME RECEIVED 04/23/14, 1030

7. ASSIGNED DRIVER/TRANSPORTER OR COMPUTER USER ____ EMP# ____

8. TRANSFER FROM 575222120

9. TRANSFERED BY TF

10. ACCEPTED BY Lisa Coffey

11. DATA ENTRY BY ____

EQUIPMENT SECTION

Qty / Unit of Measure	Equipment Number	Description	Cost Code (WBS)
1	67006	Ludlum model 19 - Micro R	R2330100

IN CASE OF EMERGENCY CALL Chemtel@(800) 255-3924 (24-HOURS/DAY), Chemtel Fax: (813)248-0581

DESTINATION

Instrument Setup Sheet

Model #	Meter S/N	Probe #	Probe S/N	Cal Due
19	267078	N/A	N/A	4/18/2015

[redacted]			Source ID:	Source ID:
Static	BKGD	BKGD		Cs-137 #1405-22-1
#	Alpha	Beta/Gamma	Alpha	Beta/Gamma
1		5		2100
2				
3				
4				
5				
6				
7				
8				
9				
10				
Mean				

Performed By: Robert Minard /

Date: 4/24/2014

Reviewed By: Takeshi Ibuki

Date: 4/24/2014

Background Determination

Instument Model	Instrument Serial #	Calibration Due Date
19	267078	4/18/2015

Surface Type :	Table Top (Bldg 570 Lab)
Date Collected :	4/24/2014
Collected By :	R.Minard

Background Dose Rate	5

CPM +20% Value
6

CPM -20% Value
4

Completed By :	**Robert Minard**	**Date :**	4/24/2014
Reviewed By :		**Date :**	4/24/2014

Source Determination

Instrument Model	Instrument Serial #	Calibration Due Date	Source Nuclide	Source ID #
19	267078	4/18/2015	Cs-137	1405-22-1

Surface Type :	Table Top (Bldg 570 Lab)
Date Collected :	4/24/2014
Collected By :	R.Minard

Source Response	2100

CPM +20% Value
2520

CPM -20% Value
1680

Completed By :	**Robert Minard**	**Date :**	
Reviewed By :		**Date :**	4/24/2014

Appendix G
Field Work Variances

Field Work Variance

Page 1 of 1

Project Name: Radiological Scorping Survey of Site 12 Housing Units
DCN: CBI-2005-0005-0003

Project Number: 500191
Project Manager: Ulrika Messer
WV #: 001

Contract Number: N62473-12-D-2005
SWDIV RPM: Dave Clark
Date: 6/17/2014

CTO Number: CTO 0005
SWDIV CS: Steve Miliner

Item: Remove QC Meeting Reference in TSP - DCN: CBI-2005-0005-0003
Primary WBS: 500191

Description *(include recommended action to resolve changed condition and action taken to date)*

The construction quality control meetings described in the Final Task-Specific Plan, *Radiological Survey of Installation Restoration Site 12 Housing Units*, dated June 2014, requires revision as a result of Navy request to make an adjustment with regard to QC meetings. Work will be

Action

Remove following section from the Final Task-Specific Plan.

> *" 6.1.4 Conctruction Quality Control Meetings*
> *A construction quality control meeting will be held on a weekly basis throughout the course of fieldwork. At a minimum the Navy ROICC and the CB&I Project Quality Control Officer will attend this meeting. As appropriate, other site personnel, subcontractor, and vendor representatives will attend as necessary. The meetings will encompass the project status review, work accomplished, scheduling issues, identification of action items, and corrective measures and will be provided in advance of meeting."*

Reason for Change

Although weekly QC meetings are required based on Section 2.1.2 of the Performance Work Statement, the Navy NTR, Navy contracted support RPM, and CB&I have agreed to hold a weekly status meeting in the place of an official QC meeting, thus, combining the meetings into one. Daily production reports and data reports will be issued.

Technical Justification

N/A

Estimated Cost Impact	**Estimated Schedule Impact**	**WBS Information**
None	None	☐ WBS Code Opened to Capture Cost **Task Title:** **WBS Code: N/a**

Applicable Document(s)

Final Task-Specific Plan, Radiological Scoping Surveys of Installation Restoration Site 12 Housing Units, Naval Station Treasure Island, San Francisco, California, dated June 2014.

PMO Disposition of Work Variance

Type of Change:

☐ Monitor; No notice to Navy
Review by ________ (Date)

☒ E-Mail Notification to Navy

☐ Notice of Potential Impact (NOPI)

☐ Request for Additional Funds (RAF)

☐ Other (Please Comment)

Additional Comments

Prepared by Takeshi Ibuki, QC Manager, 06/17/2014

Approvals

Project Manager **Date:** 6/19/2014

PMO Contracts Manager N/A **Date:**

Field Work Variance

Page 1 of 1

Project Name: Radiological Scorping Survey of Site 12 Housing Units
DCN: CBI-2005-0005-0003

Project Number: 500191
Project Manager: Ulrika Messer
WV #: 2

Contract Number: N62473-12-D-2005
SWDIV RPM: Dave Clark
Date: 6/17/2014

CTO Number: CTO 0005
SWDIV CS: Steve Miliner

Item: Remove QC Meeting Reference in TSP - DCN: CBI-2005-0005-0003
Primary WBS: 500191

Description *(include recommended action to resolve changed condition and action taken to date)*
Table 2, *Housing Units at Former Naval Station Treasure Island*, attached in the Final Task-Specific Plan, *Radiological Survey of Installation Housing Units*, dated June 2014, requires an update to reference current housing unit number as well as previous number.

Action
Table 2 of the Task Specific Plan will be updated to show the current and previous housing unit number. The revised Table 2 is attached.

Table 2, Unit No. in first column on third page

Before revision	After revision
1254	625 (Previously 1254)

Reason for Change
Table 2 of the Task Specific Plan shows the original housing unit number only. As discussed with the Navy, the table is updated to reflect the current housing unit number used by TIDA in addition to the original Navy-assigned housing number.

Technical Justification
N/A

Estimated Cost Impact	Estimated Schedule Impact	WBS Information
None	None	☐ WBS Code Opened to Capture Cost **Task Title:** **WBS Code: N/a**

Applicable Document(s)
Final Task-Specific Plan, Radiological Scoping Surveys of Installation Restoration Site 12 Housing Units, Naval Station Treasure Island, San Francisco, California, dated June 2014.

PMO Disposition of Work Variance

Type of Change:

☐ Monitor; No notice to Navy
Review by ______________ (Date)

☒ E-Mail Notification to Navy

☐ Notice of Potential Impact (NOPI)

☐ Request for Additional Funds (RAF)

☐ Other (Please Comment)

Additional Comments
Prepared by Takeshi Ibuki, QC Manager, 06/17/2014

Approvals
Project Manager **Date:** 6-20-2014
PMO Contracts Manager N/A **Date:**

Table 1
Housing Units at Former Naval Station Treasure Island Site 12

Unit No.	Street	Cite, State, Zip	Housing Providers
1100	Halyburton Court	San Francisco, California 94130	Navy Offline
1101	Bigelow Court	San Francisco, California 94130	Navy Offline
1102	Halburton Court	San Francisco, California 94130	Navy Offline
1103	Bigelow Court	San Francisco, California 94130	Navy Offline
1104	Halburton Court	San Francisco, California 94130	Navy Offline
1105	Bigelow Court	San Francisco, California 94130	Navy Offline
1106	Halburton Court	San Francisco, California 94130	Navy Offline
1107	Bigelow Court	San Francisco, California 94130	Navy Offline
1108	Halburton Court	San Francisco, California 94130	The Villages at Treasure Island
1109	Keppler Court	San Francisco, California 94130	The Villages at Treasure Island
1110	Halburton Court	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1111	Keppler Court	San Francisco, California 94130	The Villages at Treasure Island
1112	Hutchins Court	San Francisco, California 94130	The Villages at Treasure Island
1113	Keppler Court	San Francisco, California 94130	The Villages at Treasure Island
1114	Hutchins Court	San Francisco, California 94130	The Villages at Treasure Island
1115	Keppler Court	San Francisco, California 94130	The Villages at Treasure Island
1116	Hutchins Court	San Francisco, California 94130	CHP—Community Partnership
1117	Keppler Court	San Francisco, California 94130	Rubicon Villages
1118	Hutchins Court	San Francisco, California 94130	The Villages at Treasure Island
1119	Lester Court	San Francisco, California 94130	Navy Offline
1120	Reeves Court	San Francisco, California 94130	The Villages at Treasure Island
1121	Lester Court	San Francisco, California 94130	Navy Offline
1122	Reeves Court	San Francisco, California 94130	The Villages at Treasure Island
1123	Lester Court	San Francisco, California 94130	Navy Offline
1124	Reeves Court	San Francisco, California 94130	The Villages at Treasure Island
1125	Lester Court	San Francisco, California 94130	Navy Offline
1126	Reeves Court	San Francisco, California 94130	CHP—Community Partnership
1127	Lester Court	San Francisco, California 94130	Navy Offline
1128	Reeves Court	San Francisco, California 94130	The Villages at Treasure Island
1129	Mason Court	San Francisco, California 94130	The Villages at Treasure Island
1131	Mason Court	San Francisco, California 94130	The Villages at Treasure Island
1133	Mason Court	San Francisco, California 94130	The Villages at Treasure Island
1135	Mason Court	San Francisco, California 94130	The Villages at Treasure Island
1137	Mason Court	San Francisco, California 94130	The Villages at Treasure Island
1139	Ozbourn Court	San Francisco, California 94130	Catholic Charities

Table 1 (continued)
Housing Units at Former Naval Station Treasure Island Site 12

Unit No.	Street	Cite, State, Zip	Housing Providers
1141	Ozbourn Court	San Francisco, California 94130	The Villages at Treasure Island
1143	Ozbourn Court	San Francisco, California 94130	The Villages at Treasure Island
1145	Ozbourn Court	San Francisco, California 94130	The Villages at Treasure Island
1147	Ozbourn Court	San Francisco, California 94130	The Villages at Treasure Island
1149	Ozbourn Court	San Francisco, California 94130	The Villages at Treasure Island
1201	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island
1202	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1203	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island
1204	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1205	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island
1206	Mariner Drive	San Francisco, California 94130	Catholic Charities
1207	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1208	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1209	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1210	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1211	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1212	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1213	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1420 (Previously 1214)	Gateview Court	San Francisco, California 94130	The Villages at Treasure Island
1215	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island
1430 (Previously 1216)	Gateview Court	San Francisco, California 94130	CHP—Community Partnership
1217	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1440 (Previously 1218)	Gateview Court	San Francisco, California 94130	The Villages at Treasure Island
1219	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1220	Bayside Drive	San Francisco, California 94130	Catholic Charities
1221	Mariner Drive	San Francisco, California 94130	The Villages at Treasure Island
1222	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1223	Mariner Drive	San Francisco, California 94130	CHP—Community Partnership
1224	Bayside Drive	San Francisco, California 94130	The Villages at Treasure Island
1225	Northpoint Drive	San Francisco, California 94130	Healthright 360
1226	Bayside Drive	San Francisco, California 94130	CHP—Community Partnership
1227	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1390 (Previously 1228)	Gateview Court	San Francisco, California 94130	The Villages at Treasure Island

Table 1 (continued)
Housing Units at Former Naval Station Treasure Island Site 12

Unit No.	Street	Cite, State, Zip	Housing Providers
1229	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1394 (Previously 1230)	Gateview Court	San Francisco, California 94130	CHP—Community Partnership
1231	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1232	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1233	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1234	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1235	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1236	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island—Navy Offline
1237	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1238	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1239	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1240	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1241	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1242	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1243	Northpoint Drive	San Francisco, California 94130	CHP—Community Partnership
1244	Northpoint Drive	San Francisco, California 94130	Catholic Charities
1245	Northpoint Drive	San Francisco, California 94130	The Villages at Treasure Island
1397 (Previously 1246)	Gateview Court	San Francisco, California 94130	Rubicon Villages
1247	Exposition Drive	San Francisco, California 94130	The Villages at Treasure Island
1395 (Previously 1248)	Gateview Court	San Francisco, California 94130	Rubicon Villages
1249	Exposition Drive	San Francisco, California 94130	The Villages at Treasure Island
1250	Exposition Drive	San Francisco, California 94130	The Villages at Treasure Island
1251	Exposition Drive	San Francisco, California 94130	Catholic Charities
1252	Exposition Drive	San Francisco, California 94130	Rubicon Villages
1253	Exposition Drive	San Francisco, California 94130	The Villages at Treasure Island
625 (Previously 1254)	13th Street	San Francisco, California 94130	Healthright 360
1301	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
905 (Previously 1302)	Avenue B	San Francisco, California 94130	The Villages at Treasure Island
1303	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
901 (Previously 1304)	Avenue B	San Francisco, California 94130	The Villages at Treasure Island
1305	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1306	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island

Table 1 (continued)
Housing Units at Former Naval Station Treasure Island Site 12

Unit No.	Street	Cite, State, Zip	Housing Providers
1307	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1308	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1309	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1310	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1311	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1312	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1313	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1314	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1315	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1316	Gateview Avenue	San Francisco, California 94130	The Villages at Treasure Island
1317	Gateview Avenue	San Francisco, California 94130	Navy Offline
1318	Gateview Avenue	San Francisco, California 94130	Healthright 360
1319	Westside Drive	San Francisco, California 94130	Navy Offline
1321	Westside Drive	San Francisco, California 94130	Navy Offline
1323	Westside Drive	San Francisco, California 94130	Navy Offline
1325	Westside Drive	San Francisco, California 94130	The Villages at Treasure Island & Navy Offline
1400	Sturgeon Street	San Francisco, California 94130	The Villages at Treasure Island
1401	Sturgeon Street	San Francisco, California 94130	CHP—Community Partnership
1402	Sturgeon Street	San Francisco, California 94130	The Villages at Treasure Island
1403	Sturgeon Street	San Francisco, California 94130	Catholic Charities
1404	Sturgeon Street	San Francisco, California 94130	The Villages at Treasure Island
1405	Sturgeon Street	San Francisco, California 94130	Catholic Charities
1406	Sturgeon Street	San Francisco, California 94130	Catholic Charities
1408	Sturgeon Street	San Francisco, California 94130	Rubicon Villages
1409	Flounder Court	San Francisco, California 94130	Catholic Charities
1410	Flounder Court	San Francisco, California 94130	Rubicon Villages
1411	Flounder Court	San Francisco, California 94130	CHP—Community Partnership
1412	Flounder Court	San Francisco, California 94130	Rubicon Villages
1413	Flounder Court	San Francisco, California 94130	CHP—Community Partnership
1418	Striped Bass Street	San Francisco, California 94130	The Villages at Treasure Island
1419	Striped Bass Street	San Francisco, California 94130	Catholic Charities
1420	Striped Bass Street	San Francisco, California 94130	The Villages at Treasure Island
1430	Halibut Court	San Francisco, California 94130	The Villages at Treasure Island
1431	Halibut Court	San Francisco, California 94130	The Villages at Treasure Island
1432	Halibut Court	San Francisco, California 94130	Swords to Plowshares
1433	Halibut Court	San Francisco, California 94130	Swords to Plowshares

Table 1 (continued)
Housing Units at Former Naval Station Treasure Island Site 12

Unit No.	Street	Cite, State, Zip	Housing Providers
1434	Halibut Court	San Francisco, California 94130	Swords to Plowshares
1435	Halibut Court	San Francisco, California 94130	Swords to Plowshares
1436	Chinook Court	San Francisco, California 94130	The Villages at Treasure Island
1437	Chinook Court	San Francisco, California 94130	The Villages at Treasure Island
1438	Chinook Court	San Francisco, California 94130	The Villages at Treasure Island
1439	Chinook Court	San Francisco, California 94130	The Villages at Treasure Island
1440	Chinook Court	San Francisco, California 94130	Healthright 360
1441	Chinook Court	San Francisco, California 94130	Swords to Plowshares
1442	Chinook Court	San Francisco, California 94130	Healthright 360
1443	Chinook Court	San Francisco, California 94130	Swords to Plowshares
1444	Croaker Court	San Francisco, California 94130	The Villages at Treasure Island
1445	Chinook Court	San Francisco, California 94130	Healthright 360
1447	Chinook Court	San Francisco, California 94130	Healthright 360
1449	Croaker Court	San Francisco, California 94130	The Villages at Treasure Island

Notes:

Gray cells indicated Navy off line.

Navy	*U.S. Department of the Navy*

Appendix H
Photograph Log

Photograph No. 1

Site: 1100

Photograph Date: May 1, 2014

Description: Front view of 1100 series units.

Photograph No. 2

Site: 1200

Photograph Date: May 1, 2014

Description: Front view of 1200 series units.

Photograph No. 3 **Site:** 1300 **Photograph Date:** May 1, 2014	
Description: Front view of 1300 series units.	

Photograph No. 4 **Site:** 1400 **Photograph Date:** May 1, 2014	
Description: Front view of 1400 series units.	

Photograph No. 5 **Site:** Site Trailer **Photograph Date:** July 24, 2014	
Description: Tailgate and safety briefing at the start of the workday.	

Photograph No. 6 **Site:** 1200 Unit **Photograph Date:** July 10, 2014	
Description: Teams mobilize to site at start of day. Team supervisors and technicians discuss unit conditions while team stands by for direction.	

Photograph No. 7

Site: 1243 Northpoint Dr.

Photograph Date: July 10, 2014

Description: Senior and junior survey technicians check wheel height before survey to verify 4” height.

Photograph No. 8

Site: 1243 Northpoint Dr.

Photograph Date: July 10, 2014

Description: Check meter for 4” height before beginning survey.

Photograph No. 9

Site: 1200 Unit

Photograph Date: July 10, 2014

Description:
Sample of notice of survey date and time given to resident.

Photograph No. 10

Site: 1200 Unit

Photograph Date: July 10, 2014

Description:
CDPH arrives at one unit for survey overview.

Photograph No. 11 **Site:** 1300 Unit **Photograph Date:** August 12, 2014	
Description: Static reading in the entryway.	

Photograph No. 12 **Site:** 1300 Unit **Photograph Date:** August 12, 2014	
Description: Static reading in the entryway.	

Photograph No. 13

Site: 1200 Unit

Photograph Date: June 23, 2014

Description: Labor crew grids out unit interior in 1-square meter grids for survey.

Photograph No. 14

Site: 1300 Unit

Photograph Date: July 15, 2014

Description: Labor crew carefully moves personal belongings from floor space in one unit in preparation for survey.

Photograph No. 15 **Site:** 1200 Unit **Photograph Date:** June 10, 2014	
Description: Technicians and team lead take static reading in living room of a 1-square meter grid and record on tablet.	

Photograph No. 16 **Site:** 1200 unit **Photograph Date:** June 10, 2014	
Description: Static reading for each grid taken with Ludlum Model 193-6 at 4” from ground surface.	

Photograph No. 17 **Site:** 1200 Unit **Photograph Date:** June 10, 2014	
Description: Technicians and team lead take static reading in living room of a 1-square meter grid and record on tablet.	

Photograph No. 18 **Site:** 1200 Unit **Photograph Date:** June 10, 2014	
Description: Senior survey technician scans a 1-square meter grid before taking static reading. CDPH reps observe survey.	

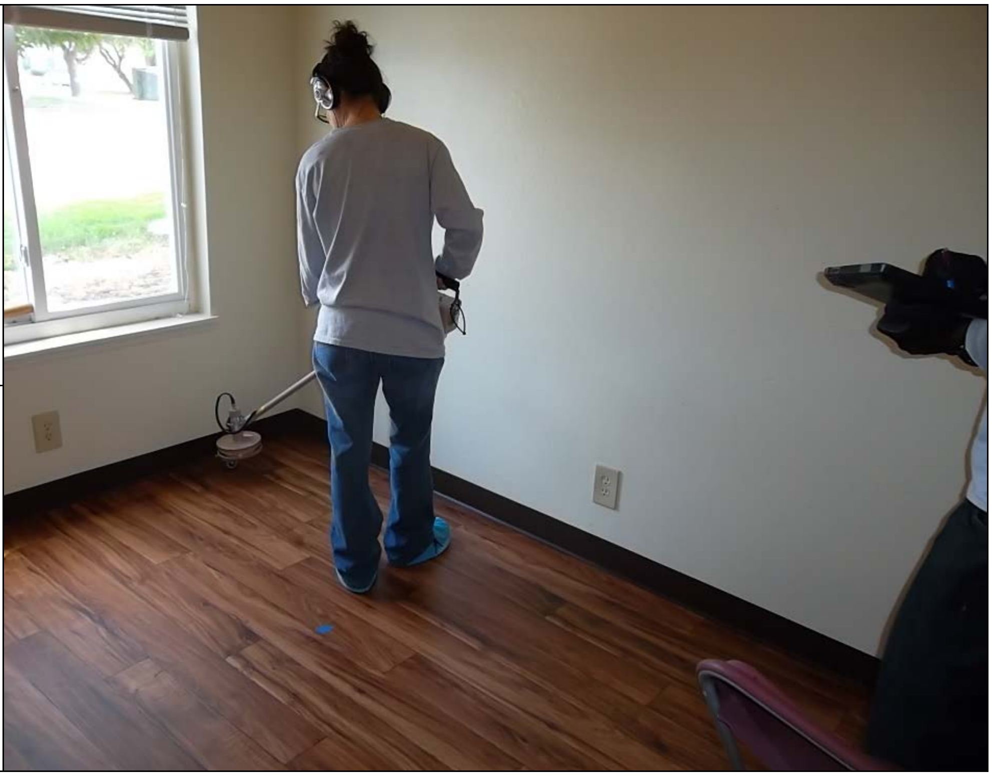
Photograph No. 19 **Site:** 1100 Unit **Photograph Date:** July 16, 2014	
Description: Technician surveys in the stairway in a 1100 Series Building.	

Photograph No. 20 **Site:** 1100 Unit **Photograph Date:** July 16, 2014	
Description: Technician surveys in the stairway in a 1100 Series Building Unit.	

Photograph
No. 21

Site: 1300

Photograph Date:
August 12, 2014



Description:

Senior survey technician surveying grid in dining room.

Photograph
No. 22

Site: 1300

Photograph Date:
August 12, 2014

Description:

Static reading in kitchen.

Photograph No. 23 **Site:** 1200 **Photograph Date:** July 11, 2014	
Description: Reading taken in kitchen cabinets at 4” from floor surface.	

Photograph No. 24 **Site:** 1300 Unit **Photograph Date:** July 15, 2014	
Description: Technicians and crew take static reading for one grid in storage room.	

Photograph No. 25 **Site:** 1100 **Photograph Date:** July 21, 2014	
Description: Team supervisor QC checks wheel height on meter before survey begins to verify the height is 4".	

Photograph No. 26 **Site:** 1200 Unit **Photograph Date:** July 28, 2014	
Description: Survey and readings taken in mechanical room located at end of 1200 complex.	

Photograph No. 27 **Site:** 1100 Unit **Photograph Date:** July 17, 2014	
Description: Survey and reading taken in the mechanical room at the 1100 complex.	

Photograph No. 28 **Site:** 1100 Unit **Photograph Date:** July 16, 2014	
Description: Survey and reading taken in exterior trash shed at the 1100 complex.	

Photograph No. 29

Site: 1400 unit

Photograph Date: June 18, 2014

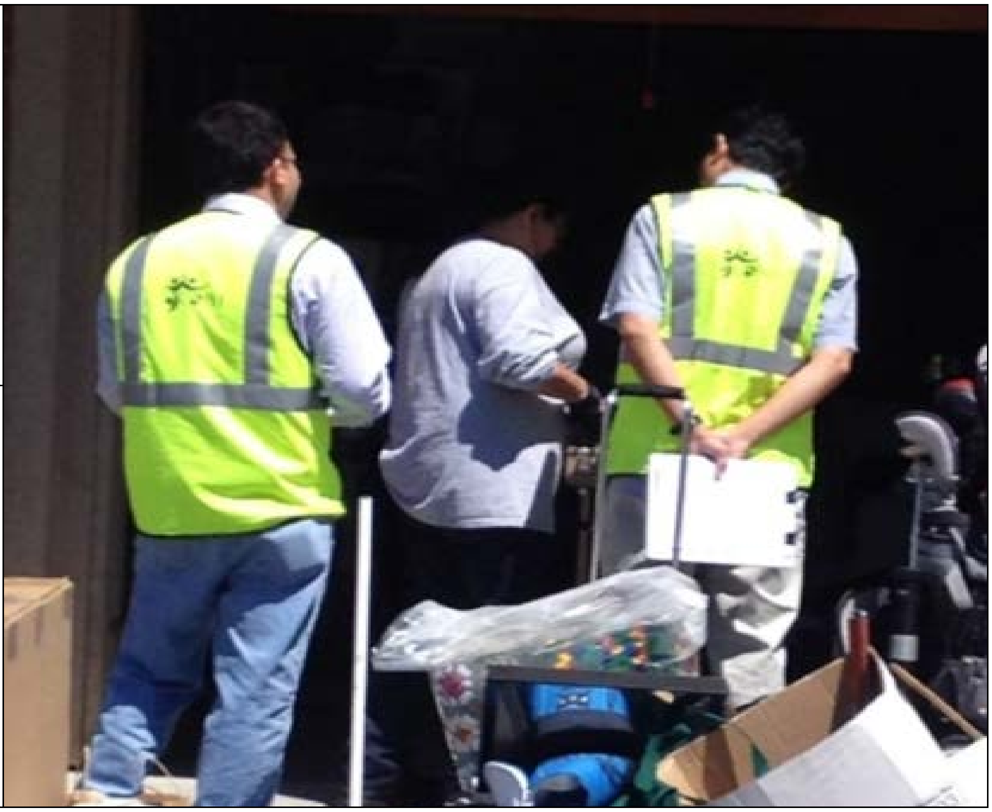
Description: Crew works together to prepare the upper area of a 1400 series garage for grid layout and survey.

Photograph No. 30

Site: 1400 unit

Photograph Date: June 18, 2014

Description: CDPH observes survey of 1400 series garage unit.



Photograph
No. 31

Site: 1400 unit

Photograph Date: August 14, 2014

Description: Crew collects a static reading for a 1-square meter grid in a 1400 series garage.

Photograph
No. 32

Site: 1400 unit

Photograph Date: August 15, 2014

Description: Crews work together with resident and TIDA representative to help clear garage and dispose of resident’s unwanted material.

Photograph
No. 33

Site: 1400 unit

Photograph Date:
July 11, 2014

Description:
Survey at top of 1400 series garage unit.

Photograph
No. 34

Site: Various

Photograph Date:
June 23, 2014

Description:
Tablet review at end of survey with senior survey technician and team supervisor.

Photograph
No. 35

Site: Field Office

Photograph Date:
June 23, 2014

Description:
Teams recording units completed at the end of day.

Photograph
No. 36

Site: 1241-B

Photograph Date:
July 30, 2014

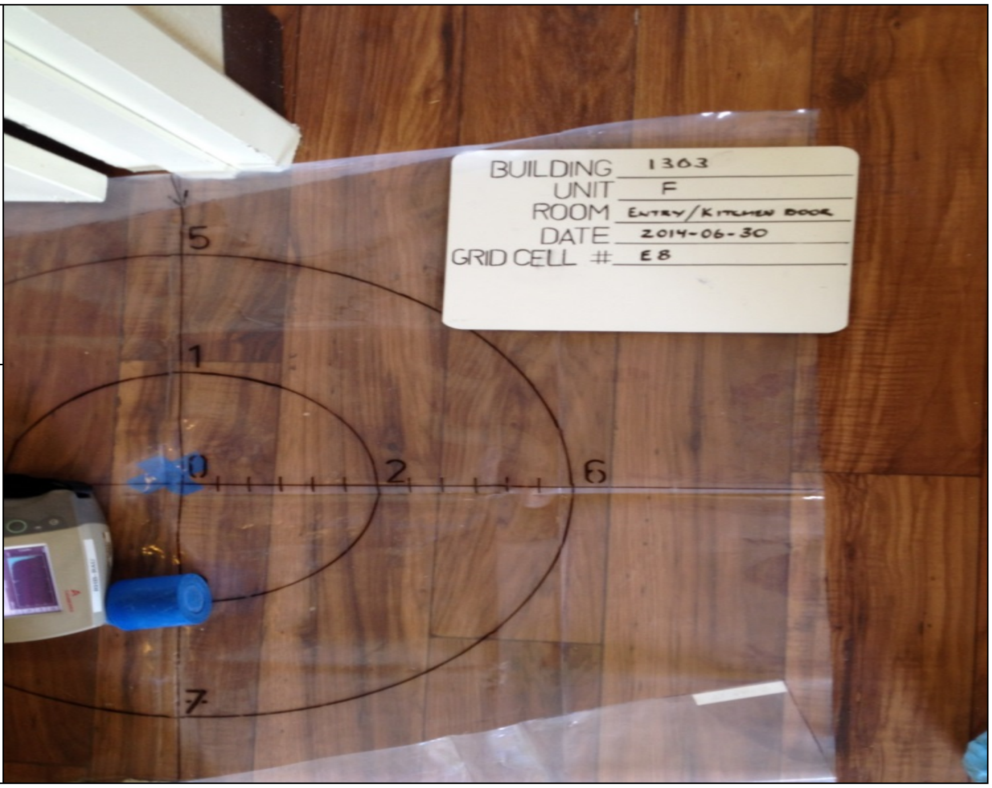
Description:
Elevated reading encountered just outside exterior storage shed. Location shown with overlaid bullseye.

Photograph No. 37

Site: 1303-F

Photograph Date: June 30, 2014

Description: Elevated survey reading in entry/dining room doorway of unoccupied unit overlaid with bullseye.



Photograph No. 38

Site: 1303-F

Photograph Date: June 30, 2014

Description: Elevated survey reading in entry/dining room doorway of unoccupied unit overlaid with bullseye.

Photograph
No. 39

Site: 1240-D

Photograph Date:
July 29, 2014

Description:
Elevated reading in living room overlaid with bullseye.

Photograph
No. 40

Site: 1240-D

Photograph Date:
July 29, 2014

Description:
Elevated reading in living room overlaid with bullseye. Additional readings collected by supervisors.