

Appendix M

**Appendix M**  
**Lead-Based Paint Survey Results**

**Table I**  
**Positive ( $\geq 1.0$  mg/cm<sup>2</sup>) Lead Based Paint Results**  
**NS Savannah**  
**Ft. Eustis, Virginia**  
**April 2005**

Test Number	Area Location	Color	Component	Substrate	Result (mg/cm <sup>2</sup> )
<b>April 4, 2005</b>					
008	A deck level	Grey	Center wall	Metal	1.6
010	A deck level	White	Ship side	Metal	6.1
020	A deck level	White	Ship wall	Metal	2.7
021	A deck level	White	Side rail	Metal	5.4
026	Upper deck level	White	House wall	Metal	7.5
029	Upper deck level	White	House wall	Metal	5.5
033	A deck level	White	Winch tower support	Metal	1.0
035	A deck level	White	Winch tower floor	Metal	6.5
<b>April 5, 2005</b>					
006	A deck main lobby	Off white	Wall	Metal	1.0
077	SE passage corridor	Red	Wall	Drywall	1.9
078	SE passage corridor	Red	Wall	Drywall	3.2
079	SE passage corridor	Red	Wall	Drywall	1.6
080	SE passage corridor	Red	Ceiling	Drywall	3.6
084	SR A-29	Red	Door	Metal	3.0
085	SR A-29	Red	Door casing	Metal	2.2
092	Linen Locker	Red	Door	Metal	2.6
093	SE passage corridor	Red	Wall	Drywall	2.8
096	Stairwell	Red	Wall	Drywall	2.7
114	Boat deck	White	Railing support	Metal	1.6
117	Boat deck	White	Stair carriage	Metal	1.0
119	NBD	White	Wall	Metal	1.8
120	NBD	White	Wall	Metal	>9.9
121	NBD	White	Door	Metal	8.7
146	B deck/ Fan room	Orange	Handrail	Metal	1.9
202	B deck/ NS corridor	Blue	Handrail	Metal	1.9
203	B deck/ No. 4 hatch	White	Wall	Metal	1.7
204	B deck/ No. 4 hatch	Red	Floor	Metal	2.8
207	B deck/ No. 4 hatch	White	Wall	Metal	1.7
211	B deck/ No. 4 hatch	White	Duct	Metal	2.0
212	B deck/ No. 4 hatch	White	Floor	Metal	3.1
<b>April 6, 2005</b>					
047	C deck/ hallway	Yellow	Electric box	Metal	2.4
048	C deck/ stairwell	Orange	Railing	Metal	1.6

**Table I**  
**Positive ( $\geq 1.0$  mg/cm<sup>2</sup>) Lead Based Paint Results**  
**NS Savannah**  
**Ft. Eustis, Virginia**  
**April 2005**

Test Number	Area Location	Color	Component	Substrate	Result (mg/cm <sup>2</sup> )
<b>April 6, 2005</b>					
053	C deck/ NS corridor	Green	Cables	Metal	3.9
063	C deck/ load passage	Red	Floor	Metal	3.4
067	C deck/ load passage	Yellow	I-beam	Metal	2.6
070	C deck/ load passage	Green	I-beam	Metal	2.7
071	C deck/ mach. space	Green	Elevator shaft	Metal	8.1
073	C deck/ mach. space	Red	Floor	Metal	2.8
080	C deck/ mach. space	Green	Cables	Metal	1.9
098	C deck/ locker	White	Cables	Metal	3.6
127	D deck/ machine room	Yellow	Compressor Delaval	Metal	7.1
128	D deck/ machine room	Green	Turbine	Metal	1.6
144	14' D deck	Orange	Handrail	Metal	5.9
151	14' D deck	Yellow	Tank	Metal	3.8
156	14' D deck shaft alley	Orange	Handrail	Metal	2.1
157	14' D deck	Yellow	Pipe	Metal	2.2
163	A deck-pursers office	Orange	Door	Metal	1.0
171	D deck/ control center	Green	Wires	Metal	2.3
177	D deck/ workshop	Green	Wires	Metal	1.5
181	D deck/ engine spares	Orange	Wall	Metal	2.5
185	D deck/ stewards room	Orange	Wall	Metal	2.4
<b>April 7, 2005</b>					
004	Ship starboard side	Red	Hull	Metal	5.8
022	B deck/ stairwell	Yellow	Wall	Metal	3.0
<b>April 8, 2005</b>					
009	Reactor room	Tan	Reactor wall	Insulation	8.2
012	Reactor room	Orange	Handrail	Metal	1.0
021	Reactor room	Tan	Reactor wall	Insulation	>9.9
023	Reactor room	Green	Cables	Metal	1.0

**Table II**  
**Lead Paint Chip Sample Results**  
**NS Savannah**  
**Ft. Eustis, Virginia**  
**April 2005**

<b>Sample Number</b>	<b>Color</b>	<b>Location</b>	<b>Component</b>	<b>Surface</b>	<b>Paint Chip Result (%)</b>
05121040601P	Red/ Orange	A Deck	Wall	Metal	3.2
05121040602P	White	Bridge Deck	Wall	Metal	0.71
05121040603P	White	Veranda	Wall	Metal	0.034
05121040604P	Blue	B Deck	Wall	Metal	0.3
05121040605P	Red	B Deck	Floor	Metal	3.9

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis, VA

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm2)
001								001 0.9
002								002 0.8
003								003 0.8
004	A Deck Level - Bow	P2 Deck	Green	Deck	Metal	N.I.	0.3 -	004 0.3
005	A Deck Level - Side	P1 NE side	White	Side	M	NI	0.0 -	005 0.0
006	A Deck Level	P2 NW side	Grey	Tie-off	M	NI	0.2 -	006 0.2
007	A Deck Level	P2 Center	Grey	Anchor Winch	M	NI	0.1 -	007 0.1
008	A Deck Level	(P3) Center	Grey	Center Wall	M	NI	1.6 +	008 1.6
009	A Deck Level	(P4) Center	Green	Cargo Cover	M	NI	0.3 -	009 0.3
010	A Deck Level	(P5) NW Side	White	Side	M	NI	6.1 +	010 6.1
011	A Deck Level	Center	Green	Deck	M	NI	0.0 -	011 0.0
012	A Deck Level	NE Side	White	Side	M	NI	0.2 -	012 0.2
013	A Deck Level	(P6) Center	Green	Cargo Cover	M	NI	0.4 -	013 0.4
014	A Deck Level	Mast	White	Hatch Door	M	NI	0.2 -	014 0.2
015	A Deck Level	Mast	White	Winch	M	NI	0.0 -	015 0.0
016	A Deck Level	P7 Mast	White	Pipe	M	NI	0.2 +	016 0.2
017	A Deck Level	P8 Entrance	White	Wall	M	NI	0.2 -	017 0.2
018	A Deck Level	NW side	White	Wall	M	NI	0.4 -	018 0.4
019	A Deck Level	NW side	White	Wall	M	NI	0.4 -	019 0.4
020	A Deck Level	NW side	White	Wall	M	NI	2.7 +	020 2.7

JOB NAME: NS Severnook

ADDRESS: James River, Ft. Eustis, VA

RMD LPA-1  
FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
021	A DL	NE side	White	Side Rail	M	NI	S.4 +	021 5.4
022	A DL	NE side	White	Side Rail	M	NI	0.0 -	022 0.0
023	A DL	center	black	stair tread	M	NI	0.2 -	023 -0.2
024	A DL	center	White	stair carriage	M	NI	0.0 -	024 0.0
025	UDL - Deck 1	center	Green	Deck	M	NI	0.1 -	025 0.1
026	UDL -	center	White	Garage House Wall (E)	M	NI	7.5 +	026 7.5
027	UDL -	center	White	Door adjacent to wall	M	NI	- 0.3 -	027 0.3
028	UDL -	center	Green	Garage cover	M	NI	0.1 -	028 -0.1
029	UDL -	center	White	Garage House Wall (W)	M	NI	5.5 +	029 5.5
030	UDL -	W side	Grey	tie-off	M	NI	0.0 -	030 0.0
031	UDL -	W side	White	Box	M	NI	0.0 -	031 0.0
032	UDL -	E side	red	Chair attachment	M	NI	0.2 -	032 -0.2
033	A DL	center	White	Winch tower support	M	NI	1.0 +	033 1.0
034	A DL	center	White	Winch motor	M	NI	0.3 -	034 0.3
035	A DL	center	White	Winch floor	M	NI	6.5 +	035 6.5
036	A DL	center	White	Winch cross support	M	NI	0.3 -	036 0.3
037	A DL	center	White	Winch elevated wall	M	NI	0.2 -	037 0.2
038	A DL	E side	White	Wall	M	NI	0.4 -	038 0.4
039	A D Corridor N/S	W/L	Green	Wall	M	NI	0.0	039 0.0
040	A D to N/S Corridor	W/L	Green	Wall	M	NI	0.1 -	040 -0.1

JOB# 05121

DATE: 4-9-05-0934

JOB NAME: NIS Sevenmash  
 ADDRESS: James River Fl. E. 1035, VA

RMD LPA-1  
 FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
041	AD N/S Corridor	W3	Green	Wall	M	NI		041 0.2 -0.2
042	AD N/S Corridor	W4	off white	Wall	M	NI		042 0.2 -0.2
043	AD N/S Corridor	Ceiling	off white	Ceiling	M	NI		043 0.4 -0.4
044	AD N/S Corridor	W1	tan	door	M	NI		044 0.1 -0.1
045	AD State Room 3	W1	Green	Wall	sheet deck	I		045 0.1 -0.1
046	"	W2	"	"	"	I		046 0.0 0.0
047	"	W3	"	"	"	I		047 0.0 0.0
048	"	W4	"	"	"	I		048 0.1 -0.1
049	"	C	"	"	"	I		049 0.1 -0.1
050	"	C	"	metal ceiling deck	M	NI	metal ceiling above dry wall ceiling	050 0.1 -0.1
051	"	W2	Green	Window	dry wall	NI		051 0.1 -0.1
052	"	W2	"	Window	"	NI		052 0.0 0.0
053	AD State Rm 3 Bathroom	W3	yellow	Wall	sheet deck	NI		053 0.1 0.1
054	AD State Room 3	W4	Green	door	M	NI		054 0.1 0.1
055	"	W4	Green	door casing	M	NI		055 0.0 0.0
056	AD Stack Room 7	W1	ow	Wall	SR	NI		056 0.1 -0.1
057	"	W2	ow	Wall	SR	NI		057 0.1 0.1
058	"	W3	ow	wall	SR	NI		058 0.1 0.1
059	"	W4	ow	wall	"	NI		059 0.1 -0.1
060	"	ceiling	white	ceiling	SR	NI		060 0.1 -0.1

JOB# 05121

DATE: 4/4/05 - 0934

JOB NAME: NS Savannah

RMD LPA-1  
FIELD FORM

ADDRESS: Tamso River, Ft. Eubank, VA

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
061	AD State Room 7	W3	White	cabinets	M	N1	0.0-	061 0.0
062	"	"	"	door	M	N1	0.1-	062 -0.1
063	"	"	"	door sealing (chair seat)	M	N1	0.0-	063 0.0
064	AD State Room 7	W2	OW	Walls	M	N1	0.2-	064 -0.2
065	AD State Room 15	W1	OW	Walls	dw	N1	0.1-	065 -0.1
066	"	W2	OW	Walls	dw	N1	0.1-	066 -0.1
067	"	W3	"	"	"	"	0.1-	067 -0.1
068	"	W4	"	"	"	"	0.0-	068 0.0
069	"	ceiling	White	ceiling	dw	N1	0.1-	069 -0.1
070	"	W4	orange	door	M	N1	0.1-	070 -0.1
071	"	W4	orange	door casing	M	N1	0.0-	071 0.0
072	"	W3	yellow	closet	dw	N1	0.1-	072 -0.1
073	"	W3	yellow	closet door	M	N1	0.1-	073 -0.1
074	"	W1	yellow	bathroom Walls	dw	N1	0.2-	074 -0.2
075	"	W2	White	bathroom tile	Cosmic tile	.1	0.1-	075 -0.2
076	<del>AD lounge</del>						NIST Value = 1.0	076 0.9
077								077 0.8
078								078 0.8
079								
080								

CALIBRATION

JOB# 05121

DATE: 4/4/05-0934

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*Rob Schornagel*



JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Gustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS NIST Value = 1.0	TEST NO. RESULT (mg/cm2)
001	CATTLE BRAT / ON							001 0.8
002								002 0.8
003								003 0.8
004		AD - Main Lobby	W1	ow	wall	dw	NI	-0.3 -
005		W2			dw		-0.1 -	005 -0.1
006		W3			M		1.0 +	006 1.0
007		W4			dw		0.1 -	007 0.1
008		W1	tan	door casing	M		-0.1	008 -0.1
009		W1	tan	door	M		-0.1	009 -0.1
010		ceiling	ow	ceiling	transite	I	-0.4	010 -0.4
011	AD - <del>East</del> West N/S Corridor	W1	tan	door casing	M	NI	0.2	011 0.2
012		W1	tan	door	M		-0.1	012 -0.1
013		W2	ow	wall	dw		-0.3	013 -0.3
014		W3	ow	wall			-0.3	014 -0.3
015		ceiling	ow	ceiling			-0.2	015 -0.2
016		ceiling	ow	stove painting	<del>M</del>	NI	0.0	016 0.0
017	Lavatory Adj. to SRZ	W1	ow	wall	M	MI	0.1	017 0.1
018		W2	ow	wall	M	MI	-0.1	018 -0.1
019		W3					-0.2	019 -0.2
020		W4					0.0	020 0.0

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eviston

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO.	RESULT (mg/cm <sup>2</sup> )
021	Laundry adj to SRZ	W3	OW	heater	M	NI	-0.3	021	-0.3
022		ceiling		air duct			0.1	022	0.1
023		W4		cabined			-0.1	023	-0.1
024		ceiling		support			-0.3	024	-0.3
025	SR-Z	W1	yellow	wall			0.2	025	0.2
026		W2					0.0	026	0.0
027		W3					0.1	027	-0.1
028		W4					-0.1	028	-0.1
029		ceiling		ceiling	dw		-0.1	029	-0.1
030		W4	yellow	chair seat	M		-0.1	030	-0.1
031		W4		window sill	dw		0.2	031	-0.2
032		W4		window casing	dw		-0.0	032	0.0
033		WZ	Green	door	M		0.0	033	0.0
034		WZ	Green	door casing	M		0.1	034	0.1
035	SR-Z1 bathroom	W1	yellow	wall	dw		0.0	035	0.0
036		W1	W	ceramic tile	ceramic		0.2	036	-0.2
037		W1	Y	door	M		0.1	037	0.1
038		W1	Y	door casing	M		-0.1	038	-0.1
039	Laundry Room (SR6)	W1	Green	wall	dw		0.0	039	-0.2
040		WZ	Green	wall	dw		0.0	040	0.0

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. East's

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT
041	Ladies Room - SR-6	W3	Green	wall	dw	NI	-0.1	041 -0.1
042		W4	Green	wall	dw	NI	-0.2	042 -0.2
043		ceiling	W	ceiling	dw	NI	-0.1	043 -0.1
044		ceiling	Y	ceiling joint	M		0.2	044 0.2
045	Ladies Room / closet (SR6)	W1	OW	wall	dw		-0.1	045 -0.1
046		W3	Green	door	M		-0.1	046 -0.1
047		W3	Green	door casing	M		-0.1	047 -0.1
048	Ladies Room Shower (SR6)	W1	Y	wall	M		-0.2	048 -0.2
049	Doctors Office	W1	Marve	wall	dw		-0.1	049 -0.1
050	Operating Room	W2	OW	wall	dw		X 0.1	050 -0.1
051	Operating Room	W3	OW	wall	dw		-0.1	051 -0.1
052	Doctors Office	W4	Marve	wall	dw		0.1	052 0.1
053		ceiling	OW	ceiling	dw		-0.1	053 -0.1
054		W1	OW	door	M		0.0	054 0.0
055		W1	OW	door casing	M		-0.1	055 -0.1
056	Operating Room	W4	OW	wall	M		-0.2	056 -0.2
057	Doctors Office	W4	Marve	electrical panel	M		0.1	057 0.1
058		W4	Marve	pipe	M		0.1	058 0.1
059	Stairwell area. to Hosp. Ent. Corr.	W1	Green	wall	M		0.0	059 0.0
060		W2	Green	wall	M		0.3	060 0.3

JOB NAME: N5 Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO.	RESULT(mg/cm2)
061	Stairwell adj to Hosp. Ent Cor.	W3	Green	Wall	M	NI	-0.1	061	-0.1
062		W4	Green	Wall	M		0.0	062	0.0
063		W4	Green	door	M		0.1	063	0.1
064		W1	Green	hatch door	M		-0.1	064	-0.1
065		W1	Green	door	M		0.3	065	0.3
066		ceiling	W	ceiling	M		-0.1	066	-0.1
067		W1	Green	PIPE	M		0.3	067	0.3
068		floor	Red	floor	M		0.0	068	0.0
069	A-20 Service Entry	W1	ow	Wall	M		-0.1	069	-0.1
070		W2					-0.1	070	-0.1
071		W3					-0.2	071	-0.2
072		W4					0.2	072	0.2
073		ceiling	ow	ceiling	M		0.0	073	0.0
074		W2	ow	door	M		0.0	074	0.0
075		W2	ow	door	M		-0.0	075	0.0
076		W2	Green	door	M		-0.1	076	-0.1
077	SE Passage Corridor	W1	Red	Wall	M		1.9	077	1.9
078		W2	Red	Wall	M		3.2	078	3.2
079		W4	Red	Wall	M		1.6	079	1.6
080		ceiling	Red	ceiling	M		3.6	080	3.6

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eastie

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
081	SR A-29	W1	W	Wall	dw	N1	0.0	081 0.0
082		W3	↓	Wall	dw		0.0	082 0.0
083		ceiling	↓	ceiling	dw		0.2	083 -0.2
084		W4	Red	door	M		3.0	084 3.0
085		W4	Red	door casing	M		2.2	085 2.2
086		W3	W	door	M		0.0	086 0.0
087		W3	W	door casing	M		0.1	087 -0.1
088	linen locker Access from A-17	W1	W	Wall	M		0.1	088 -0.1
089		W3	W	Wall	M		0.1	089 0.0
090		W3	W	Pipe along ceiling	M		0.1	090 -0.1
091		ceiling	W	ceiling detail	M		0.1	091 -0.1
092		W2	Red	door	M		2.6	092 2.6
093	SE Passage Corridor Adj to A-31	W4	Red	Wall	Tear		2.8	093 2.8
094	SR A-33	W1	blue	Wall	SR		0.0	094 0.0
095		ceiling	W	ceiling	SR		0.2	095 -0.2
096	Stairwell SE of Lobby	W1	Red	Wall	SR		2.7	096 2.7
097		Hand Rail	Black	Rail	M		0.0	097 0.0
098	SW Passage Corridor Adj to A-28	W2	W	Wall	SR		0.3	098 -0.3
099		W4	W	Wall	SR		0.4	099 -0.4
100		ceiling	W	ceiling	SR		0.1	100 -0.1

JOB NAME: NS Savannah  
 ADDRESS: James River; Ft. Evans

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm2)
101	SR A-32	W1	Blue	Wall	SR	NI	-0.2	101 -0.2
102		W3	Blue	Wall	SR		-0.1	102 -0.1
103		W1	Blue	Door	M		-0.1	103 -0.1
104		W1	Blue	Door casing	M		-0.1	104 -0.1
105	SR A-34	W2	Yellow	Wall	M		-0.1	105 -0.1
106		W2	W	Wall	SR		-0.1	106 -0.1
107	Prom Deck (PD) Demolition	W1	W	Wall	SR		-0.1	107 -0.1
108		ceiling	W	ceiling	SR		-0.2	108 -0.2
109		W2	W	window sill	M		-0.2	109 -0.2
110		Weather Deck	Foot sill	Grey	Fr-stl	M		0.0
111	Boat Deck	Floor	Green	Floor	M		-0.2	111 -0.2
112		Window trim	W	Window trim	M		-0.4	112 0.4
113	Boat Deck	Hand rail	W	Hand rail	M		0.0	113 0.0
114		Railing	W	Rail support	M		1.6	114 1.6
115		Floor	Green	Floor	M		0.0	115 0.0
116		Window	W	Window	M		-0.1	116 0.1
117	NBD	W staircase up to NBD	W	stair casing	M		1.0	117 1.0
118		Floor	Green	Floor	roofing material		-0.3	118 0.3
119	NBD	Deck wall	W	Wall	M		1.8	119 1.8
120		Pilot House structure	W	Wall	M		>9.9	120 >9.9

NBD" Bridge  
 NBD" Deck

JOB# 05181

DATE: 4/5/05 0759

JOB NAME: N's Savannah  
 ADDRESS: James River Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
121	NOD	Pilot House Exterior	W	Door on E side	M	NI	+8.7	121 8.7
122	Boat-Deck	East side winch	W	winch support	M		-0.5	122 0.5
123	<del>A Deck</del>	#7 Hatch	Green	the hatch cover	M		-0.1	123 -0.1
124	↓	Engine office	Gray	WALL	M		-0.1	124 0.1
125	Top of Engine Office	Railings	Gray	Rail	M		-0.4	125 0.4
126	<del>A Deck</del> ↓	Floor	Green	Floor	M		-0.3	126 0.3
127	A Deck	Exterior of cabin	W	Wall	M		-0.0	127 0.0
128	Boat Deck (SD)	<del>Boat Deck</del> WZ	Blue	Wall	M		-0.0	128 0.0
129	↓	Ceiling	W	ceiling	dw		-0.0	129 0.0
130	↓	W1	Blue	door	M		-0.0	130 0.0
131	↓	W1	Blue	door ceiling	M		-0.1	131 -0.1
132	↓	W2	Blue	Window ceiling	M		0.4	132 0.4
133	(SD) Corridor outside Office Cabin	W2	tan	Wall	M		0.0	133 0.0
134	↓	W4	tan	Wall	M		-0.1	134 -0.1
135	↓	W1	tan	door	M		-0.2	135 -0.2
136	(SD) ↓	W1	tan	door ceiling	M		-0.1	136 -0.1
137	Hallway West side of Pass B	Floor	Green	Floor	M		-0.2	137 -0.2
138	↓	W2	W	Wall	dw		-0.0	138 0.0
139	↓	W4	W	Wall	dw		0.0	139 0.0
140	PD-Fan Room	ceiling	tan	ceiling Duct	M		0.2	140 0.2

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Evans

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
141	BD - Fan Room	Floor	Red	Floor	M	NI	- 0.0	141 0.0
142		Duct	tan	resulation fiber glass	M	NI	- 0.1	142 -0.1
143		Duct	pink	Duct	M	NI	- 0.2	143 0.2
144		Spouse bench	peach	# floor glass	M		0.0	144 0.0
145		Electric Panel box	Blue	elec panel box	M		0.2	145 0.2
146		Railing	Orange	hand rail	M		1.9	146 1.9
147		locker	Red	locker	M		-0.4	147 0.4
148		ceiling	gray	ceiling deck	M		0.0	148 0.0
149	Chief Engineer Day Room	W1	tan	Wall	DR		0.2	149 0.2
150		W3	tan	Wall	DR		- 0.1	150 -0.1
151		W1	tan	ceiling	M		0.0	151 0.0
152		W1	tan	door ceiling	M		0.0	152 0.0
153		W3	W	door	M		-0.0	153 0.0
154	Pilot House (NBD)	Floor	Green	Floor	tile		0.1	154 0.1
155		W1	Green	Wall	dw		0.0	155 0.0
156		ceiling	Green	ceiling	dw		0.0	156 0.0
157		W2	Green	ceiling trim	M		0.3	157 0.3
158	Top of House - Stair Well	W1	Green	Wall	M		0.1	158 0.0
159		Railing	Black	hand rail	M		0.0	159 0.0
160	Top of base - Deck Grate	Floor	Green	Floor	M		0.0	160 0.0



JOB NAME: N3 Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
161	Top of House Exterior Deck	W1	W	Red Wall	M	W	0.4	161 0.4
162	↓	Roof Ridge	Gray	TRUSS	M		0.5	162 0.5
163		Roof Deck	W	duct	M		0.0	163 0.0
164		NDD=Energy Green Room	Green	Generator	M		-0.1	164 -0.1
165	↓	Exit Panel	Blue	Panel	M		-0.2	165 -0.2
166		W4	Green	Wall	M		0.1	166 0.1
167		Calibration						
168	Hand held name							168 1.0
169	metal w/ NIST Std. Film							169 1.1
170	Main Gallery - BD	W4	W	Wall	M		-0.2	170 -0.2
171	↓	Ceiling	W	Ceiling	M		0.1	171 0.1
172		W3	W	East Panel Box	M		-0.1	172 -0.1
173		W4	Blue	Door	M		-0.1	173 -0.1
174		W1	Blue	Roof	M		-0.1	174 -0.1
175		W1	W	Wall	M		0.0	175 0.0
176	BD-N3 Corridor - East Side	W2	tan	Wall	M		-0.2	176 -0.2
177	↓	Ceiling	W	Ceiling	dw		-0.1	177 -0.1
178		W4	tan	door	M		-0.1	178 -0.1
179		BD - SR B-5	W1	Blue	Wall	dw		0.0
180	↓	W3	Blue	Wall	dw		0.2	180 0.2

JOB NAME: N's Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
181	BD - SR B-5	ceiling	Blue	wood frame	M	NI	- 0.0	181 0.0
182	BD - SR B-5	ceiling	Blue	locket	M		0.0	182 0.0
183		ceiling	Blue	door	M		- 0.1	183 -0.1
184		W4	Blue	door casing	M		- 0.1	184 -0.1
185	BD - Crews Laundry	W1	W	Wall	M		0.0	185 0.0
186		ceiling	W	pipe	M		- 0.2	186 -0.2
187		W3	W	wall veneer	M		- 0.1	187 -0.1
188	BD - Linen Locker Stairs (W)	Floor	Green	Floor	M		0.2	188 0.2
189		Stairs	Green	granite	M		0.3	189 0.3
190		Stairs	Black	hand rail	M		0.0	190 0.0
191		W4	Green	Wall	M		- 0.0	191 0.0
192	BD - N's Corridor W side	W2	Green	Wall	M		- 0.1	192 -0.1
193		W4	Green	Wall	M		0.1	193 0.1
194		ceiling	W	ceiling	dW		- 0.1	194 -0.1
195	BD - offices memo	W1	Blue	Wall	dW		- 0.1	195 -0.1
196		W4	tan	Wall	dW		- 0.0	196 0.0
197		Partition	blue	Wall	dW		0.0	197 0.0
198		ceiling	W	ceiling	dW		- 0.2	198 -0.2
199		table	Blue	table post	M		0.3	199 0.3
200		W2	Blue	door	M		- 0.2	200 -0.2

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Evans

RMD LPA-1  
 FIELD FORM

ZOO level

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
001	BD - office mens	WZ	Blue	door casing	M	NI	- 0.0	201 0.0
002	BD - N/S Corridor W side	WZ	Blue	wood panel	M		1.9	202 1.9
003	BD - North Hatch	W1	W	Wall	M		1.7	203 1.7
004		Floor	Red	Floor	M		2.8	204 2.8
005		Ceiling	W	Joist	M		-0.1	205 -0.1
006		W3	W	Wall	M		-0.1	206 -0.1
007		WZ	W	Wall	M		1.7	207 1.7
008		WZ	silver	wood slats	Wood		-0.1	208 0.1
009		Fence	black	Rail	M		0.0	209 0.0
010		Ceiling	W	ceiling deck	M		-0.1	210 -0.1
011		duct work along wall	W	duct	M		2.0	211 2.0
012		FLOOR	W	Floor	M		3.1	212 3.1
013		W4	W	Wall	Wood		-0.1	213 -0.1
014	BD - Wash Ladies Rm Hatch	W1	W	Wall	Wood		-0.1	214 -0.1
015		WZ	W	door	Wood		-0.2	215 -0.2
016		W2	Grey	door casing	Wood		0.1	216 0.1
017	BD - Steward boundary	W1	tan	Wall	M		0.0	217 0.0
018		W1	tan	duct	M		-0.2	218 -0.2
019	BD - Elect Ctrl Platform	W3	Blue	Wall	M		-0.1	219 -0.1
020		FLOOR	Red	Floor	M		-0.0	220 0.0

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm <sup>2</sup> )
021	BD - Officers Mess	W4	DW	Wall	SR	NI	-0.1	221 -0.1
022		W2	DW	Wall	SR		-0.1	222 -0.1
023		W2	tan	Door	M		-0.0	223 0.0
024		W2	tan	Door casing	M		-0.1	224 -0.1
025	BD - Cargo <sup>loading</sup> Passage	W3	W	Wall	M		-0.1	225 -0.1
026		W1	blue	elevator floor	M		-0.2	226 -0.2
027		W1	W	F beam	M		-0.2	227 -0.2
028		W1	Blue	Door	M		-0.1	228 -0.1
029	MS Passage - BD - SW Side	W2	tan	Wall	dw		-0.0	229 0.0
030		W4	tan	Wall	M		-0.1	230 -0.1
031		ceiling	W	casing	dw		-0.0	231 0.0
032		W4	tan	door	M		-0.1	232 -0.1
033		W4	tan	door casing	M		-0.1	233 -0.1
034		W4	tan	wind up case	M		-0.1	234 -0.1
035							NIST Value = 1.0	235 0.9
036								236 1.0
037								237 1.0
038								
039								
040								

Calibration

*Rob Schumann*

JOB NAME: N'S Savannah  
 ADDRESS: James River, F.R. East's

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm2)
001	CALL B-R							001 0.9
002								002 0.9
003								003 0.8
004	BD-SR B-10	W1	Blue	Wall	SR	NI		004 0.1
005		W3	Blue	Wall				005 0.0
006		ceiling	W	ceiling	SR			006 0.0
007		W4	Blue	Window casing	M			007 -0.2
008		W2	Blue	Door	M			008 -0.1
009		W2	Blue	Door casing	M			009 -0.1
010	BD-SR B-16	W1	Blue	Wall	SR			010 0.1
011		W3	Blue	Wall	SR			011 0.1
012		W3	Blue	Door	M			012 -0.1
013	BD-SR B-16 Bathroom	W3	Yellow	Wall	SR			013 -0.1
014	BD-SR N/S Corridor Stains	W1	tan	Wall	M			014 -0.2
015		W3	tan	Wall	M			015 -0.3
016		Stains	tan	Stain Carriage	M			016 -0.1
017	BD-Conferece Room	W1	tan	Wall	SR			017 0.1
018		W3	tan	Wall	SR			018 0.2
019		W4	tan	door	M			019 0.0
020	BD-SE N/S Corridor	W2	tan	Wall	SR			020 0.0

JOB NAME: N's Savannah  
 ADDRESS: James River Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
021	BD-SE N/S Corridor ↓	W4	tan	Wall	SR	N1	-0.2	021 -0.2
022		W4	tan	Vent	M		-0.1	022 -0.1
023	BD-SR B-S3	W1	Blue	Wall	SR		-0.4	023 -0.4
024		W3	Blue	Wall	SR		-0.1	024 -0.1
025		W2	Blue	Window cover	M		-0.5	025 -0.5
026		W2	Blue	Window casing	M		-0.2	026 -0.2
027		W4	Blue	door	M		-0.1	027 -0.1
028	BD-SE N/S Corridor #23 fire Sta	W2	Red	Fire hose holder	M		-0.0	028 0.0
029	BD-SR B-37	W1	Green	Wall	SR		-0.1	029 -0.1
030		W3	Green	Wall	SR		-0.0	030 0.0
031		W1	Green	Door	M		-0.0	031 0.0
032	Hand nail in wall outside B-37	W4	Black	Rail	M		0.6	032 0.6
033	BD - Elevator Door near B17	W4	Blue	Door	M		-0.2	033 -0.2
034	CD - Crews Passage adj to Storage Steward	W2	Green	Wall	M		-0.1	034 -0.1
035		W4	Green	Wall	SR		0.1	035 0.1
036		W3	Green	Door	M		0.4	036 0.4
037		ceiling	W	Ceiling	SR		-0.0	037 0.0
038		R/W2	Black	nailing	M		0.0	038 0.0
039		W1	Blue	Door ctrl. Panel	M		-0.1	039 -0.1
040	CD-SR C4	W1	Green	Wall	SR		0.2	040 0.2

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	CD - ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
041	CD - SR C-4	W3	Green	Wall	SR	N1	-0.1	041 -0.1
042	↓	W3 partition wall	Green	pipe	M		-0.0	042 0.0
043		W4	Grey	window casing	M		-0.2	043 -0.2
044		W2	Grey	Door	M		-0.0	044 0.0
045		CD - SR C-4 Bathroom	W3	Grey	Wall	M		-0.2
046	↓	ceiling	W	I beam	M		-0.1	046 -0.1
047		W2	Yellow	Shore power elect. box	M		2.4	047 2.4
048	CD - SR C-4 Hall outside SR-C4	W1	Orange	Railings	M		1.6	048 1.6
049	↓	W1	W	Wall	M		-0.0	049 0.0
050		ceiling	W	pipe	fiberglass		-0.1	050 -0.1
051	CD - N/S Corridor E side	Floor	Green	Floor	M		-0.6	051 0.6
052	↓	W2	Green	Wall	M		-0.2	052 -0.2
053		W4	Green	cablo	M		3.9	053 3.9
054		W4	Blue	door	M		0.0	054 0.0
055		W4	Blue	panel	M		-0.1	055 -0.1
056		CD - SR - C11	W1	Green	Wall	SR		0.3
057	↓	W3	Green	Wall	SR		0.0	057 0.0
058		W3	Green	Pipe	M		0.2	058 0.2
059		W4	Green	window sill	M		-0.2	059 -0.2
060		ceiling	W	ceiling	SR	↓	-0.0	060 0.0

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO.	RESULT (mg/cm2)
061	CD - Mach. Load Passage adj to Cell	W1	Green	Wall	M	NI		061	0.4
062		W3	Green	Wall	M			062	0.0
063		floor	Red	floor	M			063	3.4
064		W1	Red	Wall base board	M			064	-0.1
065		W2	Green	side Port Door	M			065	0.1
066		ceiling	Green	ceiling	M			066	0.0
067		ceiling	yellow	I beam	M			067	2.6
068		W3	Green	Pipe	M			068	-0.0
069		W3	Green	Pipe housing	M			069	0.1
070		ceiling	Green	I beam	M			070	2.7
071	CD - Machine Spool	W2	Green	Elevator shaft	M			071	8.1
072		W4	Green	Wall	M			072	-0.2
073		floor	Red	floor	M			073	2.8
074		W4	Red	Duct	M			074	-0.2
075		W2	orange	Duct	cal-mag			075	0.1
076		stairs	red	stair carriage	M			076	0.1
077		pipe	red	light	M			077	0.0
078		ceiling	Green	I beam	M			078	0.1
079		W3	Green	Door	M			079	-0.1
080		W4	Green	cable	M		same as shot 53	080	1.9



JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO.	RESULT (mg/cm <sup>2</sup> )
081	CD - Mech. Ceiling Gallery	W1	W	Wall	M	M	-0.4	081	-0.4
082		W3	Green	Wall	M		0.0	082	0.0
083		W2	Green	door ceiling	M		-0.1	083	-0.1
084	CD - Passageway near C-22	W2	Green	Wall	M		-0.1	084	-0.1
085		W4	Green	Wall	M		-0.1	085	-0.1
086		ceiling	W	ceiling	SR		-0.1	086	-0.1
087		W2	black	hand nail	M		-0.6	087	0.6
088	CD - SR C-20	W1	Green	Wall	SR		0.1	088	0.1
089		W3	Green	Wall	SR		0.2	089	0.2
090		W4	Green	Window Sill	M		-0.1	090	-0.1
091		ceiling	W	ceiling	SR		-0.1	091	-0.1
092		W1	Green	door	M		-0.1	092	-0.1
093	CD - SR C-20 Bathroom	W1	W	Wall	M		-0.2	093	-0.2
094		W2	W	pipe	fiber joints		-0.1	094	-0.1
095	CD - SR C-20	W2	Green	door ceiling	M		-0.1	095	-0.1
096	CD - Service Sink Locker	W1	W	Wall	M		-0.1	096	-0.1
097		W1	gray	shelf	M		-0.1	097	-0.1
098		W4	W	cable	M		3.6	098	3.6
099	CD - SR C-15	W1	Green	Wall	SR		-0.2	099	0.2
100	CD - SR ↓	W3	Green	Wall	SR		0.1	100	0.1

JOB NAME: NS Savannah  
 ADDRESS: James R. H. F. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm <sup>2</sup> )		
101	CD - SR C-15 ↓	ceiling	W	ceiling	SR	BN1		101 -0.2		
102		W2	Green	window casing	M			102 0.0		
103	CD - SR C-15 Bathroom ↓	wall	W	wall	M	↓		103 -0.1		
104		W4	W	pipe	fiber glass			104 -0.2		
105		ceiling	W	I beam	M			105 -0.1		
106		ceiling	W	ceiling deck	M			106 -0.1		
107		floor	W	baseboard tile	ceramic			107 -0.2		
108		CD N/S Perimeter near C-21 ↓	W2	Green	wall		M	↓		108 -0.2
109			W4	Green	wall		M			109 -0.1
110	W4		Green	door	M		110 0.0			
111	CD - CO2 Room ↓	ceiling	W	ceiling	SR	↓		111 -0.1		
112		W1	tan	wall	M			112 0.3		
113		W3	tan	wall	M			113 -0.1		
114		floor	red	floor	M			114 -0.2		
115		ceiling	tan	pipe	M			115 0.2		
116	CD - Main Laundry ↓	W4	Green	door	M	↓		116 -0.1		
117		W2	tan	wall	M			117 0.0		
118		ceiling	tan	duct	M			118 0.0		
119		W4	Grey	washer	M			119 0.0		
120		ceiling	W	I beam	M		120 0.1			

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	ROOM	SUBSTRATE	COMPONENT	COLOR	LOCATION	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
121	CD - Stoves	Leading Passage	M	Wall	W	Reactor	NI	-0.0	121 0.0
122	CD - Frozen Foods		M	Floor	Black	Floor		-0.3	122 -0.3
123	CD - Up Stairwell	Adj to Fossil	M	Stain coming	Grey	Stains		-0.1	123 -0.1
124			M	Stair heel	Green	Stains		-0.1	124 -0.1
125			M	Wall	BNE	W2		-0.0	125 0.0
126			M	hand rail	Black	railing		-0.0	126 0.0
127	DD - Machine Room	P8	M	compressor	yellow	compressor		7.1	127 7.1
128		P9	M	Turbine	Green	Turbine		1.6	128 1.6
129			M	Turbine	Red	Turbine		-0.1	129 -0.1
130			M	Floor	Red	Floor		0.2	130 0.2
131			M	Group Ctrl Bx	Blue	Group Ctrl Bx		-0.2	131 -0.2
132			M	Wall	Green	W4		-0.2	132 -0.2
133			M	Group Ctrl	Red	Group Ctrl		-0.3	133 0.3
134			M	Stairwell	Red	Stairwell		-0.1	134 -0.1
135			M	valve	W	valve		-0.2	135 -0.2
136			M	valve handle	Black	valve		0.1	136 0.1
137			M	Beam	Green	Beam		-0.1	137 -0.1
138			M	Generator back	Black	Generator		-0.0	138 0.0
139			M	Dirt	Black	Dirt		-0.0	139 0.0
140			M	Wall	Green	W3		-0.0	140 0.0

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT	(mg/cm2)
141	DD - Machine Room	WZ	Green	Wall	M	NI	-0.1	141	-0.1
142	14'D - Machine Room	WZ reactor vessel	Black	Wall trim	M		-0.1	142	-0.1
143	P-10	hand rail	Yellow	vessel	M		0.0	143	0.0
144		pipe	Orange	rail	M		5.9	144	5.9
145		reactor pipe	W	pipe	M		-0.0	145	0.0
146		I-beam	Yellow	pipe	M		-0.1	146	-0.1
147		pipe	Green	I-beam	M		-0.0	147	0.0
148		pipe	Red	pipe	M		0.4	148	0.4
149		Dirt	Silver	fitting	M		0.2	149	-0.2
150		Generator	Green	Generator	M		-0.1	150	-0.1
151	P-11	condensate tank	Yellow	tank	M		3.8	151	3.8
152	14'D - Shaft Alley	WZ	Green	Wall	M		-0.1	152	-0.1
153		WZ	Green	I-beam	M		-0.0	153	0.0
154		shaft casing	Yellow	shaft casing	M		-0.0	154	0.0
155		shaft housing	Grey	housing	M		-0.1	155	-0.1
156		hand rail	Orange	rail	M		2.1	156	2.1
157	14'D - Machine Room	Pipe	Yellow	pipe	M		2.2	157	2.2
158	DD - ME Control Room	WZ	Green	Wall	M		0.1	158	0.1
159		control panel	Green	panel	M		-0.1	159	-0.1
160		control panel	Grey	panel	M		-0.0	160	0.0

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST LOCATION	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
161	AD - fusser's office	W2	tan	wall	wall	N1	-0.1	161 -0.1
162		W1	tan	wall	wall		0.0	162 0.0
163		W1	orange	door	M		1.0	163 1.0
164							Calibration on bare metal surface w/ NIST Film	164 0.8
165							Calibration on bare metal surface w/ NIST Film	165 1.0
166							Calibration on bare metal surface w/ NIST Film - NIST SRM 2573 = 1.04	166 0.7
167							Calibration on bare metal surface w/ NIST Film	167 1.1
168							Calibration on bare metal surface w/ NIST Film	168 0.9
169							Calibration on bare metal surface w/ NIST Film - NIST SRM 2573 = 1.04	169 1.0
170	DD - Control Center	W3	Green	wall	M	N1	0.2	170 0.2
171		W3	Green	wire	M		2.3	171 2.3
172	DD - Work Shop Room	W2	Green	wall	M		-0.1	172 -0.1
173		W3	Green	wall	M		-0.2	173 -0.2
174		ceiling	Green	ceiling	M		0.2	174 0.2
175		support pole	Green	pole	M		0.0	175 0.0
176		Floor	Green	floor	M		-0.2	176 -0.2
177		ceiling	Green	wire	M		1.5	177 1.5
178	DD - Engine Spare Storage	ceiling	silver	I beam	M		-0.2	178 -0.2
179		W4	silver	wall	M		-0.0	179 0.0
180	DD MS-DA Equip. Rm	W4	red	wall	M		0.0	180 0.0

CALIBRATION  
 CALIBRATION

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	LOCATION	ROOM	COMPONENT	COLOR	LOCATION	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)
181	DD-Engine spares in Rack	P13	W3	orange wall	M	N1	2.5	181	2.5	
182	DD-Chute Passage - W side	W4	ved chute	M	0.0	182	0.0			
183	PD - stores #1	W4	W wall	M	0.0	183	0.0			
184	DD-Bulk Store	W1	W wall	M	-0.0	184	0.0			
185	DD-Stevedore Dry Store Rm P14	W1	orange wall	M	2.4	185	2.4			
186	14' In - Chute Passage E side	W2	tan wall	M	-0.1	186	-0.1			
187		W2	tan pipe	col- mng	0.0	187	0.0			
188		W2	tan pipe	larger	M	0.2	188	0.2		
189		W4	tan door	M	-0.1	189	-0.1			
190		W4	tan I beam	M	-0.1	190	-0.1			
191	CALIBRATION									
192							NIST Value = 1.0	191	0.9	
193								192	0.9	
194								193	0.9	
195										
196										
197										
198										
199										
200										

*L.B. Schornagel*

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS NIST $V_{loc} = 1.0$	TEST NO./RESULT (mg/cm <sup>2</sup> )
001	CALIBRATION	Strbrd.	Red	Hull	M	NI		001 1.0
002		Strbrd.	W	Hull	M	NI		002 0.8
003		Strbrd.	W	Hull	M	NI		003 0.9
004		Strbrd.	Blue	upper Hull	M	NI		004 5.8
005		Strbrd.	W	upper Hull	M	NI		005 0.4
006		Strbrd.	W	upper Hull	M	NI		006 0.4
007		Strbrd.	Blue	upper Hull	M	NI		007 0.1
008	CALIBRATION	Strbrd.	Red	upper Hull	M	NI	Calibration on bare metal using NIST film - 60 sec. calibrations	008 1.2
009		Strbrd.	Red	upper Hull	M	NI		009 0.9
010		Strbrd.	Red	upper Hull	M	NI		010 0.8
011		Strbrd.	Red	upper Hull	M	NI		011 0.0
012		Strbrd.	Red	upper Hull	M	NI		012 -0.1
013		Strbrd.	Red	upper Hull	M	NI		013 0.0
014		Strbrd.	Red	upper Hull	M	NI		014 0.1
015		Strbrd.	Red	upper Hull	M	NI		015 -0.1
016		Strbrd.	Red	upper Hull	M	NI		016 -0.2
017		Strbrd.	Red	upper Hull	M	NI		017 -0.1
018	CALIBRATION	Strbrd.	Red	upper Hull	M	NI	Calibration on bare metal using NIST film - 60 sec. calibrations	018 0.2
019		Strbrd.	Red	upper Hull	M	NI		019 -0.2
020		Strbrd.	Red	upper Hull	M	NI		020 -0.1
021	CALIBRATION	Strbrd.	Red	upper Hull	M	NI	Calibration on bare metal using NIST film - 60 sec. calibrations	021 1.2
022		Strbrd.	Red	upper Hull	M	NI		022 0.9
023		Strbrd.	Red	upper Hull	M	NI		023 0.8
024		Strbrd.	Red	upper Hull	M	NI		024 0.0
025		Strbrd.	Red	upper Hull	M	NI		025 -0.1
026		Strbrd.	Red	upper Hull	M	NI		026 0.0
027		Strbrd.	Red	upper Hull	M	NI		027 0.1
028		Strbrd.	Red	upper Hull	M	NI		028 -0.1
029		Strbrd.	Red	upper Hull	M	NI		029 -0.2
030		Strbrd.	Red	upper Hull	M	NI		030 -0.1

JOB NAME: N5 Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm2)	
021	Bosun Stairs-BD	ceiling	Red	Match	M	NI	0.1	021 0.1	
022	BD - Stairwell to AD	<del>W4</del> W2 yellow	Red	Wall	M	↓	3.04	022 3.0	
023	CD - Capt. Workshop	<del>W4</del> tan	tan	Wall	M		0.2	023 0.2	
024	CD - Capt. Workshop	W3	W	Wall	M		-0.1	024 -0.1	
025	BD - Stairwell to AD	<del>W3</del> W3	Black	Wall over Stairwell	M		-0.0	025 0.0	
026	Hold Deck - HP Stairs Post	W1	Silver	Wall	M	0.3	0.3	026 0.3	
027		Floor	Red	Floor	M	-0.1	-0.1	027 -0.1	
028	CALIBRATION							Calibration on bare metal using NIST film SRM 2573: 1.04	028 1.1
029								029 1.2	
030								030 1.1	
031									
032									
033									
034									
035									
036									
037									
038									
039									
040									

*Rob Schumacher*



JOB NAME: NS Savannah  
 ADDRESS: Fort Emotis, VA

RMD LPA-1  
 FIELD FORM

TEST	ROOM	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT (mg/cm2)
001	CALLIBRATION						NIST Value = 1.0	001 0.9
002		WS	Green	Wall	M			002 0.9
003		WS	Blue	electric panel	M			003 0.9
004		ceiling	Yellow	Duct	M			004 -0.1
005		Platform	W	edge	M			005 0.0
006		Ceiling	Green	Beam	M			006 -0.1
007		Reactor	tan	reactor wall	Insulation			007 -0.2
008		Ceiling	Red	Duct	M			008 0.0
009		surge tank	yellow	ballast	insulation tank			009 8.2
010		Hand rail	Orange	rail	M			010 -0.1
011		Ladder	tan	side rail	M			011 -0.1
012		W1	yellow	pipe	M			012 1.0
013		contain. vesicle	tan	vesicle top	M			013 -0.2
014		ceiling	green	ceiling deck	M			014 -0.1
015		Level A	W1	green	Wall	M		015 0.0
016		ceiling	green	ceiling	M			016 -0.1
017		Floor	dark red	Floor	M			017 -0.0
018		reactor	tan	reactor wall	M			018 -0.1
019								019 -0.6
020								020 0.3

JOB NAME: NS Savannah  
 ADDRESS: James River, Ft. Eustis

RMD LPA-1  
 FIELD FORM

TEST NO.	LOCATION	COLOR	COMPONENT	SUBSTRATE	CONDITION	COMMENTS	TEST NO./RESULT(mg/cm <sup>2</sup> )					
021	A Deck reactor	tan	wall	insulation			021 >9.9					
022	↓ W3	orange dust	M				022 -0.1					
023	<del>B Deck</del> W2	green cable	M				023 1.0					
024	C Deck platform	yellow platform	M				024 0.6					
025	CALLIBRATION						NIST Value = 1.0	025 0.9				
026												026 0.8
027												027 0.9
028												
029												
030												
031												
032												
033												
034												
035												
036												
037												
038												
039												
040												

**CERTIFICATE OF ANALYSIS**



**Client:** Aerosol Monitoring & Analysis, Inc.  
**Address:** PO Box 646, 1331 Ashton Road  
 Hanover, Maryland 21076

**Job Name:** NS Savannah, James River  
**Job Location:** Ft. Eustis, VA  
**Job Number:** 05121  
**P.O. Number:** Not Provided

**Chain Of Custody:** 131706  
**Date Submitted:** 4/11/2005  
**Person Submitting:** Patrick Dincher  
**Date Analyzed:** 4/12/2005

**Report Date:** 15-Apr-05  
**1<sup>st</sup> Revision**

**Attention:** Gary Urban

**Summary of Atomic Absorption Analysis for Lead**

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Air Volume (L)	Area Wiped (ft <sup>2</sup> )	Reporting Limit	Final Result	Comments
0531896	051210406 01P	Flame	Paint Chip	****	N/A	0.01 %Pb	3.2 %Pb	
0531897	051210406 02P	Flame	Paint Chip	****	N/A	0.01 %Pb	0.71 %Pb	
0531898	051210406 03P	Flame	Paint Chip	****	N/A	0.01 %Pb	0.034 %Pb	
0531899	051210406 04P	Flame	Paint Chip	****	N/A	0.01 %Pb	0.3 %Pb	
0531900	051210406 05P	Flame	Paint Chip	****	N/A	0.01 %Pb	3.9 %Pb	

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B  
 Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids : EPA 600/R-93/200(M)-7421; Water:

N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms ug/L = parts per billion

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

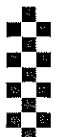
Air and Wipe results are not corrected for any blank results

See QC Summary for analytical results of quality control samples associated with these samples.

*[Signature]*  
 Analyst: Julie Joseph

Technical Manager: G Edward Carney

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Federal Government.





## Lead Paint Sampling Survey Sheet

Date Collected April 6, 2005 Address: James River Reserve Fleet Company: AMA/ERM  
 Job Number 05121 Telephone No.: (410) 684-3327  
 Job Site NS Savannah Contact Person: Gary Urban / Brent Williams Samples Taken By: Rob Schoenagel  
 Chain of Custody #: 131706

Sample Number	Paint Color	Location	Component	Substrate	Condition of the Material	Results	Photo	Comments
05121 0406 01P	Red/Orange	Deck A - Corridor outside of State Room	Wall 4	Metal	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor		<input type="checkbox"/> Yes # _____ <input checked="" type="checkbox"/> No	
05121 0406 02P	White	Navigation Bridge Deck outside of Pilot House	Exterior wall of Pilot House	Metal	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor		<input type="checkbox"/> Yes # _____ <input type="checkbox"/> No	
05121 0406 03P	White	Wall 1 of Veranda - Promenade Deck	Wall 1	Metal	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor		<input type="checkbox"/> Yes # _____ <input type="checkbox"/> No	
05121 0406 04P	Blue	B Deck - Cent. Mess Room	Wall 3	Metal	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor		<input type="checkbox"/> Yes # _____ <input type="checkbox"/> No	
05121 0406 05P	Red	B Deck - Cargo Hold #4	Floor	Metal	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor		<input type="checkbox"/> Yes # _____ <input type="checkbox"/> No	
					<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor		<input type="checkbox"/> Yes # _____ <input type="checkbox"/> No	



**AMA Analytical Services, Inc.**  
 AHA (#8863) NVLAP (#1143) NY ELAP (10920)  
 4471 Forbes Blvd. • Lanham, MD 20706  
 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643  
 www.amalab.com

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquiries) **131706**

**Mailing/Billing Information:**

1. Client Name: AMA  
 2. Address 1: 1331 Ashton Road  
 3. Address 2: Hagerstown MD 21074  
 4. Address 3: \_\_\_\_\_  
 5. Phone #: 410 684 5337 Fax #: 410 684 5334  
 1. Job Name: N.S. Savannah, Dennis R. Jr.  
 2. Job Location: Ft. Eustis VA  
 3. Job #: 05121 P.O. #: N/A  
 4. Contact Person: Gayle Urban @ phone # 410 684 5337  
 5. Submitted by: Patricia Urban Signature: \_\_\_\_\_ @ Email Copy: \_\_\_\_\_

**Reporting Information (Results will be provided as soon as technically feasible):**

Date & Time Results Required: 4/13/05 @ 0900  
 Immd.  24hr  48hr  72hr  5 Day +  Immd. After-Hours\*  24hr After-Hours\*  Late-Night\* (\*must be pre-scheduled)  
 Verbal: \_\_\_\_\_ @ cell # \_\_\_\_\_ Fax Copy:  Urban @ fax # 410 684 5334  Email Copy: \_\_\_\_\_

**Asbestos Analysis**

PCM/Air - Please Indicate Filter Type:  
 MCE Porosity \_\_\_\_\_ in a 25mm 37mm  
 NIOSH 7400 \_\_\_\_\_ (QTY)  
 Fiberglass \_\_\_\_\_ (QTY)  
 TEM/Air - Please Indicate Filter Type:  
 MCE Porosity \_\_\_\_\_ in a 25mm 37mm  
 AHERA \_\_\_\_\_ (QTY)  
 NIOSH 7402 \_\_\_\_\_ (QTY)  
 Other (specify) \_\_\_\_\_ (QTY)  
 PLM/Bulk  
 EPA 600 - Visual Estimate \_\_\_\_\_ (QTY)  
 EPA Point Count \_\_\_\_\_ (QTY)  
 NY State Friable \_\_\_\_\_ (QTY)  
 Grav. Reduction ELAP 198.1 \_\_\_\_\_ (QTY)  
 Other (specify) \_\_\_\_\_ (QTY)

**TEM/Bulk**

ELAP 198.4/Chatfield \_\_\_\_\_ (QTY)  
 NY State PLM/TEM \_\_\_\_\_ (QTY)  
 Residual Ash \_\_\_\_\_ (QTY)  
**TEM/Dust**  
 Qual. (pres/abs) Vacuum/Dust \_\_\_\_\_ (QTY)  
 Quan. (s/area) Vacuum D5755-95 \_\_\_\_\_ (QTY)  
 Quan. (s/area) Dust D6480-99 \_\_\_\_\_ (QTY)  
**TEM/Water**  
 Qual. (pres/abs) \_\_\_\_\_ (QTY)  
 ELAP 198.2/EPA 100.2 \_\_\_\_\_ (QTY)  
 EPA 100.1 \_\_\_\_\_ (QTY)

**Lead Analysis**

Paint Chip 5 (QTY)  
 Dust Wipe (wipe type) \_\_\_\_\_ (QTY)  
 Air \_\_\_\_\_ (QTY)  
 Soil/Solid \_\_\_\_\_ (QTY)  
 TCLP \_\_\_\_\_ (QTY)  
 Drinking Water \_\_\_\_\_ (QTY)  
 Waste Water \_\_\_\_\_ (QTY)  
 Dust Wipe Furnace (wipe type) \_\_\_\_\_ (QTY)

**Miscellaneous Analysis**

Radon \_\_\_\_\_ (QTY)  
 Other (specify) \_\_\_\_\_ (QTY)

**SAMPLE ANALYSIS INFORMATION**

CLIENT ID NUMBER	SAMPLE LOCATION	DATE	VOLUME (LITERS)	WIPE AREA	ANALYSIS	MATRIX	WATER AND OTHER	CLIENT CONTACT							
					TEM	PCM	PLM	LEAD	OTHER	AIR	BULK	WIPE	DATE/TIME	CONTACT	BY
05121040601P	Ft. Eustis, VA	4-13-05													
05121040605P															
ADND															

**LABORATORY STAFF ONLY (CUSTOMER)**

1. Date/Time RCVD: 4/11/05 @ 0900 Via: SAFTA By (Print): Gayle Urban Sign: \_\_\_\_\_  
 2. Date/Time Analyzed: \_\_\_\_\_ @ \_\_\_\_\_ Via: \_\_\_\_\_ By (Print): \_\_\_\_\_ Sign: \_\_\_\_\_  
 3. Results Reported To: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 4. Comments: \_\_\_\_\_

## CERTIFICATE OF ANALYSIS



Client: Environmental Resource Management, Inc.  
 Address: 200 Harry S. Truman Drive, Suite 400  
 Annapolis, Maryland 21401

Job Name: NS Savannah  
 Job Location: Fort Eustis, VA  
 Job Number: 0028178  
 P.O. Number: Not Provided

Chain Of Custody: 127633  
 Date Submitted: 4/29/2005  
 Person Submitting: Brent Williams  
 Date Analyzed: 4/29/2005  
 Report Date: 29-Apr-05

### Summary of Atomic Absorption Analysis for Lead

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Air Volume (L)	Area Wiped (ft <sup>2</sup> )	Reporting Limit	Final Result	Comments
0535026	RC-Pressure	Flame	Paint Chip	****	N/A	0.01 %Pb	0.23 %Pb	
0535027	RC - Cooling Tanks	Flame	Paint Chip	****	N/A	0.01 %Pb	0.95 %Pb	
0535028	RC - Reactor	Flame	Paint Chip	****	N/A	0.01 %Pb	4.9 %Pb	
0535029	RC - Second Cont.	Flame	Paint Chip	****	N/A	0.01 %Pb	0.64 %Pb	

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B  
 Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids : EPA 600/R-93/200(M)-7421; Water: SM-3113B  
 N/A = Not Applicable    mg/Kg = parts per million (ppm) by weight    ug/L = parts per million (ppm)  
 %Pb = percent lead by weight    ug = micrograms    ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.  
 Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.  
 Air and Wipe results are not corrected for any blank results

Analyst: Daniel P. Swanson

Technical Manager: G Edward Carney

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