Rock Island Arsenal Scope of Work

PR# 202

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Appendix E – Periodic Monitoring/Control Report & Asbestos Survey

US Army Garrison-Rock Island Arsenal
Directorate of Public Works
Engineering and Services Division
AMIM-RIP-G
1 Rock Island Arsenal
Rock Island, IL 61299-5000

PERIODIC MONITORING/CONTROL REPORT AND ASBESTOS SURVEY UPDATE

BUILDING 104

PERIODIC MONITORING/CONTROL REPORT

Building 104 was inspected on May 22, 2025. This report contains four sections: the Periodic Monitoring/Control Report, the Response Action Log, the Sampling/Testing Log, and Recommendations for Control Actions.

The Monitoring/Control Report lists the type, amount, location, and hazard ranking of asbestos containing building materials. Also included in this table are the amounts of material removed or repaired. A hazard ranking was assigned to each area of ACBM, which is listed in the last column of the Periodic Monitoring/Control table. ACBM in good condition received a hazard ranking of 1,2 or 3 depending on the potential for damage. The higher the potential for damage the higher the hazard ranking. ACBM in fair condition received hazard rankings of 4,5 or 6. ACBM in poor condition received a hazard ranking of 7.

The Asbestos Response Action Log provides detailed information about ACBM removal and repair.

The Sampling/Testing Log is a list of all samples taken of suspect asbestos containing materials in addition to those taken during Asbestos Survey.

The report concludes with a list of Recommended Control Actions for this building.

Note: Annotated floor plans, attached to each building report, show location of materials listed in the first column of the Monitoring/Control report and exact location of ACBM removal and repair listed in Response Action Report.

LOCATION AND TYPE OF MATERIAL	ACBM Type	Homogenous Material Description	Quantity	Friable	Amt. Removed	Amt. Repaired	Hazard Ranking
First floor east – mastic under floor tile	M(VAT)	MASTIC UNDER 12X12 GREEN AND WHITE CHECKED FLOOR TILE	12,036 sq. ft.	N	32	0	2
Basement NW – Floor tile under carpet	M(VAT)	12x12 Beige w/white floor tile	336	N	336	0	2
Basement – pipe insulation	TSI	CHALKY TSI ON DCW LINE	450 lin. ft.	N	0	0	1
Basement – pipe insulation	TSI	MAG TSI ON 10 PSI STEAM LINE	1200 lin. ft.	N	2	10	1
Basement – pipe insulation	TSI	MAG TSI ON 140 PSI STEAM LINE	320 lin. ft.	N	0	16	1
Basement – pipe insulation	TSI	MAG TSI ON 30 PSI STEAM LINE	590 lin. ft.	N	0	8	1
Basement – pipe insulation	TSI	TSI ON DCW LINE – CHALKY INTERIOR	130 lin. ft.	N	30	0	1

ASBESTOS RESPONSE ACTION REPORT

DATE	W0/IJO	BUILDING	TYPE OF ASBESTOS	LIN. FT. REMOVED	SQ. FT. REMOVED	AREA REPAIRED LIN. FT	AREA CLND. & ENCAPSULATED SQ. FT.
1/7/02	213-0001	104-g	TSI	0	0	4	0
1/24/02	22-2812	104-g	TSI	2	0	0	0
4/17/03	23-4544	104-1st	M(VAT)	0	2	0	0
5/4/02	22-4305	104	TSI	2	0	0	0
4/17/2003	23-4544	104-1st	M(VAT)	0	2	0	0
4/23/2003	213-0001	104	TSI	0	0	1	0
5/3/2003	23-5134	104	TSI	2	0	0	0

(continued on following page)

PERIODIC MONITORING/CONTROL REPORT AND ASBESTOS SURVEY UPDATE

BUILDING 104 (continued)

ASBESTOS RESPONSE ACTION REPORT

DATE	W0/IJO	BUILDING	TYPE OF ASBESTOS	LIN. FT. REMOVED	SQ. FT. REMOVED	AREA REPAIRED LIN. FT	AREA CLND. & ENCAPSULATED SQ. FT.
8/7/2003	213-0001	104	TSI	0	0	9	0
8/7,8,/03	23-7594	104	TSI	30	0	0	0
4/7/2004	10-000001	104	TSI	0	0	10	0
6/5/2004	2004-6248	104-1ST	M(VAT)	0	32	0	0
12/8/2004	05-1868	104	M (Win. Glazing)	0	2	0	0
12/28/2004	05-2500	104	TSI	2	0	0	0
2/3/2005	5515-10-1	104-b	TSI	0	0	2	0
3/10/2005	05-4350	104	M(VAT)	0	12	0	0
4/30/2005	05-5866	104	TSI	2	0	0	0
5/21/2005	05-6352	104	TSI	2	0	0	0
10/19/2004	06-0424	104	TSI	2	0	0	0
2/16/2006	06-4334	104	TSI	2	0	0	0
2/24/2006	5515-12-1	104	TSI	0	0	5	0
3/27/2006	06-4861	104	M(VAT)	0	336	0	0
3/30/2006	06-5532	104	TSI	2	0	0	0
10/31/2006	06-10865	104-conf	M(VAT) carpet tack	0	2	0	300
11/4/2006	06-11350	104-1	M(VAT)	0	70	0	0
1/18/2007	5515-13-1	104	TSI	0	0	2	0
3/1/2007	07-4676	104-3	M (window glaze)	0	2	2	0
3/22/2007	5515-13-1	104-b	TSI	0	9	0	0
10/28/2007	07-9070ijo	104	M (Floor covering)	0	32	0	0
11/14/2007	07-11606	104-1	M (carp. Tack)	0	2	0	0

PERIODIC MONITORING/CONTROL REPORT AND ASBESTOS SURVEY UPDATE
BUILDING 104 (continued)

ASBESTOS RESPONSE ACTION REPORT

DATE	W0/IJO	BUILDING	TYPE OF ASBESTOS	LIN. FT. REMOVED	SQ. FT. REMOVED	AREA REPAIRED LIN. FT	AREA CLND. & ENCAPSULATED SQ. FT.
10/7/2008	5515-15-1	104-b	TSI	0	0	1	0
1/13/2009	09-3289	104	TSI	2	0	0	0
1/21/10	5515-17-1	104	TSI	5	0	0	0
2/10/2010	10-4727	104-B	TSI	3	0	0	0
2/13/2010	10-4727	104-B	TSI	20	0	0	0
10/18/2010	11-0447	104	M (Window glazing)	0	2	0	0
2/9/2011	11-4226	104--3	M(window)	0	0	0	0
6/17/2011	11-8126	104	M(windows)	0	2	0	0
10/13/2011	12-203	104	TSI	2	0	0	0
10/19/2012	1504-126-1	104	TSI	0	0	0	20
1/9/2014	14-1503	104	M (win. glaz.)	1	0	0	0
3/8/2014	14-2587	104 1st ,East	M(vat)	0	180	0	0
6/28/2014	14-3978	104	M (win. glaz.)	0	2	0	0
6/29/2014	14-2486	104	M(vat)	0	2	0	0
10/4/2014	14-6480	104	M (win. glaz.)	0	2	0	0
11/6/2014	14-5456	104	M(vat)	0	178	0	0
1/15/2015	15-1706	104	M (VAT)	0	3	0	24
6/12/2015	15-4282	104	m (win glaz)	0	2	0	0
6/24/2014	1504-226-1	104	carp tack	0	0	0	100
10/5/2015	1504-226-1	104	TSI	0	0	1	40
10/26/15	1504-326-1	104-tunnel	TSI	0	0	1	100
1/8/2016	16-1442	104-bas.,east	TSI	18	0	0	0
5/28 6/1	16-4191	104	TSI	42	0	0	0

PERIODIC MONITORING/CONTROL REPORT AND ASBESTOS SURVEY UPDATE
BUILDING 104 (continued)

ASBESTOS RESPONSE ACTION REPORT

DATE	W0/IJO	BUILDING	TYPE OF ASBESTOS	LIN. FT. REMOVED	SQ. FT. REMOVED	AREA REPAIRED LIN. FT	AREA CLND. & ENCAPSULATED SQ. FT.
5/29-6/1	16-4192	104	TSI	46	0	0	0
5/30-6/1	16-4193	104	TSI	38	0	0	0
5/30-6/1	16-4417	104	TSI	38	0	0	0
5/30-6/1	16-4417	104	TSI	14	0	0	0
7/27/2016	16-5536	Bldg. 104	TSI	68	0	0	0
8/27/2016	16-5696	Bldg. 104	TSI	72	0	0	0
9/26/2016	16-3746 ijo	104-2	M (floor tile)	0	80	0	0
10/4/2017	17-4751	104-2	M(vat)	0	180	0	15
5/25/19	19-0992	104-2	M(vat)	0	28	0	2
7/9/20	20-4036	104-3	M (win glaz)	0	2	0	0
7/22/20	1504-1126-1	104-B	M (win glaz)	0	2	0	0
5/1/21	21-2787	104-B	M (win glaz)	0	2	0	0
6/27/21	1326-01	104	TSI	0	0	2	20
9/11-10/24	24-3898	104-1	Misc. (VAT)	0	85 sf VAT 280 sf mastic	0	0
5/22/25	104AAR	104-b	TSI	0	5	0	0

ASBESTOS SAMPLING/TESTING LOG (PLM)

SAMPLE #	DATE	MATERIAL TYPE	BLDG.#.	AREA	RESULTS	S.O.
104-3-CM1	3/17/2005	Carpet mastic	104	Bldg. 104, Ground floor. East	No Asbestos Detected	5515-11-02
104-3-M1	3/172005	Miscellaneous debris	104	Bldg. 104, Ground floor. East	No Asbestos Detected	5515-11-02
104-5-1	5/17/2005	Mud insulation around valve and elbow	104	Bldg. 104, Basement, North, Main steam line	25% Asbestos (Chrysotile)	05-6352
104-5-1	5/17/2005	Mud insulation around valve and elbow	104	Bldg. 104, Basement, North, Main steam line	25% Asbestos (Chrysotile)	05-6352
104-5-1	5/17/2005	Mud insulation around valve and elbow	104	Bldg. 104, Basement, North, Main steam line	25% Asbestos (Chrysotile)	05-6352
104-10-L1	10/12/2005	Linoleum	104	104, Ground, SE - Self service entrance	No Asbestos Detected	06-0164
104-10-L2	10/12/2005	Linoleum	104	104, Ground, SE - Self service entrance	No Asbestos Detected	06-0164
104-2-FT1	2/27/2006	Tan 12x12 Floor tile	104	Bldg. 104, Southeast, Merle Jones office	No Asb. Detected (pos by TEM)	5515-12-02
104-2-M1	2/27/2006	Mastic associated with above	104	Bldg. 104, Southeast, Merle Jones office	No Asbestos Detected	5515-12-02
104-2-FT2	2/27/2006	Tan 12x12 Floor tile	104	Bldg. 104, Southeast, Merle Jones office	No Asb. Detected (pos by TEM)	5515-12-02
104-2-M2	2/27/2006	Mastic associated with above	104	Bldg. 104, Southeast, Merle Jones office	No Asbestos Detected	5515-12-02
104-2-FT3	2/27/2006	Tan 12x12 Floor tile	104	Bldg. 104, Southeast, Merle Jones office	No Asb. Detected (pos by TEM)	5515-12-02
104-2-M3	2/27/2006	Mastic associated with above	104	Bldg. 104, Southeast, Merle Jones office	No Asbestos Detected	5515-12-02
104R-15-CNS1	9/25/2015	White/green/black roofing shingles	104	Bldg. 104, roof, North court yard	No Asbestos Detected	1504-326-3
104R-15-CNFP1	9/25/2015	Black felt paper under shingles	104	Bldg. 104, roof, North court yard	No Asbestos Detected	1504-326-3
104R-15-CES2	9/25/2015	White/green/black roofing shingles	104	Bldg. 104, roof, East court yard	No Asbestos Detected	1504-326-3
104R-15-CEFP2	9/25/2015	Black felt paper under shingles	104	Bldg. 104, roof, East court yard	No Asbestos Detected	1504-326-3
104R-15-CWS3	9/25/2015	White/green/black roofing shingles	104	Bldg. 104, roof, West court yard	No Asbestos Detected	1504-326-3
104R-15-CWFP3	9/25/2015	Black felt paper under shingles	104	Bldg. 104, roof, West court yard	No Asbestos Detected	1504-326-3
104-16-RT1	10/9/2015	Roofing tar with flashing around roof access way	104	Bldg. 104, roof qccess, NW	No Asbestos Detected	1504-326-3
104-16-RT2	10/9/2015	Roofing tar with flashing around roof access way	104	Bldg. 104, roof qccess, NW	No Asbestos Detected	1504-326-3
104-16-RT3	10/9/2015	Roofing tar with flashing around roof access way	104	Bldg. 104, roof qccess, NW	No Asbestos Detected	1504-326-3
104-24-FT1	4/22/2024	12x12 Gray with dark streaks floor tile	104	Bldg. 104, 1st floor, east wing	No Asbestos Detected	353
104-24-M1	4/22/2024	Mastic associated w/above	104	Bldg 104, 1st floor, east wing	PLM 2% Asb. TEM < 1% Asb.	353
104-24-FT2	4/22/2024	12x12 Gray with dark streaks floor tile	104	Bldg 104, 1st floor, east wing	No Asbestos Detected	353
104-24-M2	4/22/2024	Mastic associated w/above	104	Bldg 104, 1st floor, east wing	PLM 2% Asb. TEM < 1% Asb.	353

ASBESTOS SAMPLING TESTING LOG (TEM)

SAMPLE #	DATE	MATERIAL TYPE	BLDG.#.	AREA	RESULTS	S.O.
104-6-FT1-TEM	6/18/2004	12x12 Tan floor tile	104	Bldg. 104, 1st floor, NE	No Asbestos Detected	2004-6248
104-2-FT1-TEM	2/28/2006	12x12 Tan floor tile	104	Bldg. 104, bas. SE, Merle Jones office	16% Asbestos (Chrysotile)	06-4775
104-5-FT1	5/10/2006	Beige/Gray 12x12 floor tile	104	Bldg. 104, 3rd floor, hallway in front of Whitmore conference room	No Asbestos detected	06-7050
104-5-FT2	5/10/2006	Black 12x12 floor tile	104	Bldg. 104, 3rd floor, hallway in front of Whitmore conference room	No Asbestos detected	06-7050
104-5-FT3	5/10/2006	Red 12x12 floor tile	104	Bldg. 104, 3rd floor, hallway in front of Whitmore conference room	No Asbestos detected	06-7050

RECOMMENDATIONS

All asbestos containing materials are in good condition. Continue regular monitoring.