

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
Northern Kentucky University, Student Residence Hall
Highland Heights, Kentucky
August 2007

Material Description	Location	Quantity
Basement		
Thermal system insulation on pipes	Boiler room	150 lf.
Cementitious fittings on fiberglass insulated lines (lines greater than or equal to 8")		100 fittings
Thermal system insulation on boilers		2,800 ft. ²
Thermal system insulation on boiler breeching		900 ft. ²
Thermal system insulation on tanks		1,250 ft. ²
Coating on sink	Central supply	15 ft. ²
Fire door	Stairwell between B and C wings	1
Fire door	Stairwell between D and E wings	1
Fire door	Stairwell between E and F wings	1
First Floor		
Floor tile and mastic	A101	50 ft. ²
Suspended ceiling panels		250 ft. ²
Floor tile and mastic	A102	50 ft. ²
Floor tile and mastic	A103	50 ft. ²
Floor tile and mastic	A104	50 ft. ²
Floor tile and mastic	A105	25 ft. ²
Floor tile and mastic	A106	25 ft. ²
Floor tile and mastic (some damaged)	A wing hallway	65 ft. ²
Floor tile and mastic (some damaged)	A wing stairwell	125 ft. ²
Fire door		1
Floor tile and mastic	B101	25 ft. ²

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Material Description	Location	Quantity
First Floor (cont'd)		
Floor tile and mastic	B102	25 ft. ²
Floor tile and mastic	B103	25 ft. ²
Floor tile and mastic	B104	25 ft. ²
Floor tile and mastic	B105	25 ft. ²
Floor tile and mastic	B106	25 ft. ²
Floor tile and mastic	B107	25 ft. ²
Floor tile and mastic	B108	25 ft. ²
Floor tile and mastic	B109	25 ft. ²
Floor tile and mastic	B110	25 ft. ²
Floor tile and mastic	B wing lounge	75 ft. ²
Floor tile and mastic	B wing hallway	45 ft. ²
Floor tile and mastic	B wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	C101	25 ft. ²
Floor tile and mastic	C102	25 ft. ²
Floor tile and mastic	C103	25 ft. ²
Floor tile and mastic (some damaged)	C104	35 ft. ²
Floor tile and mastic	C105	25 ft. ²
Floor tile and mastic	C106	25 ft. ²
Floor tile and mastic	C107	25 ft. ²
Floor tile and mastic	C108	25 ft. ²
Floor tile and mastic	C109	25 ft. ²
Floor tile and mastic	C110	25 ft. ²
Floor tile and mastic	C wing lounge	50 ft. ²

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Material Description	Location	Quantity
Basement		
Thermal system insulation on pipes		150 lf.
Cementitious fittings on fiberglass insulated lines (lines greater than or equal to 8")		100 fittings
Thermal system insulation on boilers	Boiler room	2,800 ft. ²
Thermal system insulation on boiler breaching		900 ft. ²
Thermal system insulation on tanks		1,250 ft. ²
Coating on sink		15 ft. ²
Fire door		1
Fire door	Stairwell between B and C wings	1
Fire door	Stairwell between D and E wings	1
Fire door	Stairwell between E and F wings	1
First Floor		
Floor tile and mastic	A101	50 ft. ²
Suspended ceiling panels		250 ft. ²
Floor tile and mastic	A102	50 ft. ²
Floor tile and mastic	A103	50 ft. ²
Floor tile and mastic	A104	50 ft. ²
Floor tile and mastic	A105	25 ft. ²
Floor tile and mastic	A106	25 ft. ²
Floor tile and mastic (some damaged)	A wing hallway	65 ft. ²
Floor tile and mastic (some damaged)	A wing stairwell	125 ft. ²
Fire door		1
Floor tile and mastic	B101	25 ft. ²

**Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
First Floor (cont'd)		
Floor tile and mastic	B102	25 ft. ²
Floor tile and mastic	B103	25 ft. ²
Floor tile and mastic	B104	25 ft. ²
Floor tile and mastic	B105	25 ft. ²
Floor tile and mastic	B106	25 ft. ²
Floor tile and mastic	B107	25 ft. ²
Floor tile and mastic	B108	25 ft. ²
Floor tile and mastic	B109	25 ft. ²
Floor tile and mastic	B110	25 ft. ²
Floor tile and mastic	B wing lounge	75 ft. ²
Floor tile and mastic	B wing hallway	45 ft. ²
Floor tile and mastic	B wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	C101	25 ft. ²
Floor tile and mastic	C102	25 ft. ²
Floor tile and mastic	C103	25 ft. ²
Floor tile and mastic (some damaged)	C104	35 ft. ²
Floor tile and mastic	C105	25 ft. ²
Floor tile and mastic	C106	25 ft. ²
Floor tile and mastic	C107	25 ft. ²
Floor tile and mastic	C108	25 ft. ²
Floor tile and mastic	C109	25 ft. ²
Floor tile and mastic	C110	25 ft. ²
Floor tile and mastic	C wing lounge	50 ft. ²

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
First Floor (cont'd)		
Floor tile and mastic (damaged)	C wing hallway	45 ft. ²
Floor tile and mastic	C wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	D101	25 ft. ²
Floor tile and mastic	D102	25 ft. ²
Floor tile and mastic	D103	25 ft. ²
Floor tile and mastic	D104	35 ft. ²
Floor tile and mastic	D105	25 ft. ²
Floor tile and mastic	D106	25 ft. ²
Floor tile and mastic	D107	25 ft. ²
Floor tile and mastic	D108	25 ft. ²
Floor tile and mastic	D109	25 ft. ²
Floor tile and mastic	D110	25 ft. ²
Floor tile and mastic	D wing lounge	75 ft. ²
Floor tile and mastic	D wing hallway	45 ft. ²
Floor tile and mastic	D wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	E 101	25 ft. ²
Floor tile and mastic	E103	25 ft. ²
Floor tile and mastic	F101	25 ft. ²
Floor tile and mastic	F102	85 ft. ²
Floor tile and mastic	F104	25 ft. ²
Floor tile and mastic	F106	25 ft. ²
Floor tile and mastic	F107	25 ft. ²
Floor tile and mastic	F108	25 ft. ²
Floor tile and mastic	F109	25 ft. ²

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
First Floor (cont'd)		
Floor tile and mastic	F110	25 ft. ²
Floor tile and mastic	F wing hallway	65 ft. ²
Floor tile and mastic (some damaged)	F wing stairwell	35 ft. ²
Fire door	F wing stairwell	1
Floor tile and mastic	G101	85 ft. ²
Floor tile and mastic	G102	25 ft. ²
Floor tile and mastic	G103	25 ft. ²
Floor tile and mastic	G105	25 ft. ²
Floor tile and mastic	G107	25 ft. ²
Floor tile and mastic	G108	25 ft. ²
Floor tile and mastic	G109	25 ft. ²
Floor tile and mastic	G110	25 ft. ²
Floor tile and mastic	G wing hallway	45 ft. ²
Floor tile and mastic	G wing stairwell	25 ft. ²
Fire door	G wing stairwell	1
Floor tile and mastic (under carpet)	T. V. lounge	800 ft. ²
Floor tile and mastic (2 layers)	Vending	50 ft. ²
Floor tile and mastic	H wing hallway	100 ft. ²
Floor tile and mastic	J102	25 ft. ²
Floor tile and mastic	J103	25 ft. ²
Floor tile and mastic	J104	25 ft. ²
Floor tile and mastic	J107	25 ft. ²
Floor tile and mastic	J108	25 ft. ²
Floor tile and mastic	J109	25 ft. ²
Floor tile and mastic	Lounge J	75 ft. ²
Window glazing compound	Lounge J	600 lf.

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Material Description	Location	Quantity
Floor tile and mastic	Study J	75 ft. ²
Window glazing compound		600 lf.
Floor tile and mastic	J wing hallway	75 ft. ²
Floor tile and mastic	Dining hall	2,200 ft. ²
Floor tile and mastic	Chapel	1,100 ft. ²
Suspended ceiling panels		1,100 ft. ²
Floor tile and mastic	Hallway outside chapel	300 ft. ²
Floor tile and mastic	Storage next to mechanical room	500 ft. ²
Performed block pipe insulation	Mechanical room	50 lf.
Suspended ceiling panels	Storage next to computer room	160 ft. ²
Floor tile and mastic	K wing hallway	600 ft. ²
Floor tile and mastic	Stairwell between A and H wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between B and C wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between D and E wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between E and F wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between G and H wings	25 ft. ²
Fire door		1
Second Floor		
Floor tile and mastic	A201	25 ft. ²
Suspended ceiling panels		250 ft. ²
Floor tile and mastic	A202	25 ft. ²

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
Second Floor (cont'd)		
Floor tile and mastic	A203	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	A204	25 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	A205	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	A206	25 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	A207	25 ft. ²
Suspended ceiling panels		250 ft. ²
Floor tile and mastic	A208	25 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	A209	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	A210	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	A wing stairwell	100 ft. ²
Fire door		1
Floor tile and mastic	A wing hallway	45 ft. ²
Suspended ceiling panels		360 ft. ²
Floor tile and mastic	B202	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	B203	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	B204	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	B205	25 ft. ²
Suspended ceiling panels		320 ft. ²

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
 Northern Kentucky University, Student Residence Hall
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Material Description	Location	Quantity
Second Floor (cont'd)		
Floor tile and mastic	B206	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	B207	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	B208	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	B209	25 ft. ²
Floor tile and mastic	B210	25 ft. ²
Floor tile and mastic	B wing lounge	75 ft. ²
Floor tile and mastic		25 ft. ²
Fire door	B wing stairwell	1
Floor tile and mastic		25 ft. ²
Floor tile and mastic	B wing hallway	45 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	C201	25 ft. ²
Floor tile and mastic	C202	25 ft. ²
Floor tile and mastic	C203	25 ft. ²
Floor tile and mastic	C204	25 ft. ²
Floor tile and mastic	C205	25 ft. ²
Floor tile and mastic	C206	25 ft. ²
Floor tile and mastic	C207	25 ft. ²
Floor tile and mastic	C208	25 ft. ²
Floor tile and mastic	C209	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	C210	25 ft. ²
Floor tile and mastic	C wing lounge	50 ft. ²
Floor tile and mastic		25 ft. ²
Fire door	C wing stairwell	1
Floor tile and mastic		25 ft. ²

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Material Description	Location	Quantity
Second Floor (cont'd)		
Floor tile and mastic	C wing hallway	45 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 201	360 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 202	320 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 203	320 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 204	240 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 205	320 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 206	240 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	D 207	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	D 208	25 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	D 209	25 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D 210	240 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	D wing lounge	75 ft. ²
Fire door		1
Floor tile and mastic	D wing stairwell	1
Floor tile and mastic	D wing hallway	45 ft. ²
Floor tile and mastic	F201	25 ft. ²
Floor tile and mastic	F202	85 ft. ²
Floor tile and mastic	F204	25 ft. ²
Floor tile and mastic	F206	25 ft. ²

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Material Description	Location	Quantity
Floor tile and mastic	F207	25 ft. ²
Floor tile and mastic	F208	25 ft. ²
Floor tile and mastic	F209	25 ft. ²
Floor tile and mastic	F210	25 ft. ²
Fire door	F wing stairwell	1
Floor tile and mastic	F wing hallway	65 ft. ²
Floor tile and mastic	G201	85 ft. ²
Suspended ceiling panels	G201	360 ft. ²
Floor tile and mastic	G202	25 ft. ²
Suspended ceiling panels	G202	320 ft. ²
Floor tile and mastic	G203	25 ft. ²
Suspended ceiling panels	G203	320 ft. ²
Floor tile and mastic	G205	25 ft. ²
Suspended ceiling panels	G205	320 ft. ²
Floor tile and mastic	G207	25 ft. ²
Suspended ceiling panels	G207	320 ft. ²
Floor tile and mastic	G208	25 ft. ²
Suspended ceiling panels	G208	240 ft. ²
Floor tile and mastic	G209	25 ft. ²
Suspended ceiling panels	G209	320 ft. ²
Floor tile and mastic	G210	25 ft. ²
Suspended ceiling panels	G210	240 ft. ²
Fire door	F wing stairwell	1
Floor tile and mastic	F wing hallway	45 ft. ²
Floor tile and mastic	H201	85 ft. ²
Floor tile and mastic	H203	240 ft. ²

Second Floor (cont'd)

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
Suspended ceiling panels	H203	240 ft. ²
Floor tile and mastic		85 ft. ²
Suspended ceiling panels	H204	320 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	H205	85 ft. ²
Floor tile and mastic	H206	45 ft. ²
Floor tile and mastic	H wing hallway	240 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K201	240 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	K202	280 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K203	240 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K204	240 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	K205	280 ft. ²
Suspended ceiling panels		25 ft. ²
Floor tile and mastic	K206	280 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K207	280 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K208	280 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K209	240 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	K210	25 ft. ²
Suspended ceiling panels	K211	280 ft. ²

Second Floor (cont'd)

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
Floor tile and mastic	K212	25 ft. ²
Floor tile and mastic	K213	25 ft. ²
Floor tile and mastic	K214	25 ft. ²
Floor tile and mastic	K215	85 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K216	85 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K217	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K218	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K219	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K220	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K221	25 ft. ²
Suspended ceiling panels		280 ft. ²
Floor tile and mastic	K222	25 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	K223	140 ft. ²
Floor tile and mastic		600 ft. ²
Floor tile and mastic	Stairwell between A and H wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between B and C wings	25 ft. ²
Fire door		1

Second Floor (cont'd)

**Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
Second Floor (cont'd)		
Floor tile and mastic	Stairwell between D and E wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between E and F wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between G and H wings	25 ft. ²
Fire door		1
Third Floor		
Floor tile and mastic	A301	50 ft. ²
Suspended ceiling panels		600 ft. ²
Floor tile and mastic		50 ft. ²
Suspended ceiling panels	A303	50 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	A305	280 ft. ²
Floor tile and mastic (2 layers)	A wing lounge	3,500 ft. ²
Floor tile and mastic		100 ft. ²
Fire door	A wing stairwell	1
Floor tile and mastic (under carpet)	A wing hallway	550 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	B301	360 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	B302	320 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	B303	25 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	B304	240 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	B305	320 ft. ²

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Material Description	Location	Quantity
Floor tile and mastic	B306	25 ft. ²
Floor tile and mastic	B307	25 ft. ²
Floor tile and mastic	B308	25 ft. ²
Floor tile and mastic	B309	25 ft. ²
Suspended ceiling panels	B309	320 ft. ²
Floor tile and mastic	B310	25 ft. ²
Suspended ceiling panels	B310	360 ft. ²
Floor tile and mastic	B wing lounge	75 ft. ²
Floor tile and mastic	B wing stairwell	25 ft. ²
Fire door	B wing stairwell	1
Floor tile and mastic	B wing hallway	45 ft. ²
Floor tile and mastic	C301	25 ft. ²
Suspended ceiling panels	C301	360 ft. ²
Floor tile and mastic	C302	25 ft. ²
Suspended ceiling panels	C302	320 ft. ²
Floor tile and mastic	C303	25 ft. ²
Suspended ceiling panels	C303	320 ft. ²
Floor tile and mastic	C304	25 ft. ²
Suspended ceiling panels	C304	240 ft. ²
Floor tile and mastic	C305	25 ft. ²
Suspended ceiling panels	C305	320 ft. ²
Floor tile and mastic	C306	25 ft. ²
Floor tile and mastic	C307	25 ft. ²
Suspended ceiling panels	C307	320 ft. ²
Floor tile and mastic	C308	25 ft. ²
Floor tile and mastic	C309	25 ft. ²

Third Floor (cont'd)

**Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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August 2007**

Material Description	Location	Quantity
Third Floor (cont'd)		
Suspended ceiling panels	C309	320 ft. ²
Floor tile and mastic	C310	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	C wing lounge	50ft. ²
Floor tile and mastic		25 ft. ²
Fire door	C wing stairwell	1
Floor tile and mastic		45 ft. ²
Floor tile and mastic	D301	25 ft. ²
Suspended ceiling panels		360 ft. ²
Floor tile and mastic	D302	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	D303	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	D304	25 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	D305	320 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	D306	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	D307	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	D308	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	D309	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	D310	25 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	D wing lounge	75 ft. ²

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Material Description	Location	Quantity
Floor tile and mastic	D wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	D wing hallway	45 ft. ²
Floor tile and mastic	F301	25 ft. ²
Floor tile and mastic	F302	85 ft. ²
Floor tile and mastic	F304	25 ft. ²
Floor tile and mastic	F306	25 ft. ²
Floor tile and mastic	F307	25 ft. ²
Floor tile and mastic	F308	25 ft. ²
Floor tile and mastic	F309	25 ft. ²
Floor tile and mastic	F310	25 ft. ²
Floor tile and mastic	F wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	F wing hallway	65 ft. ²
Floor tile and mastic	G301	85 ft. ²
Suspended ceiling panels		360 ft. ²
Floor tile and mastic	G302	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	G303	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	G305	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	G307	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	G308	25 ft. ²
Suspended ceiling panels		240 ft. ²

Third Floor (cont'd)

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
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Material Description	Location	Quantity
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Third Floor (cont'd)

Floor tile and mastic	G309	25 ft. ²
Suspended ceiling panels		320 ft. ²
Floor tile and mastic	G310	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	G wing stairwell	25 ft. ²
Fire door		1
Floor tile and mastic	G wing hallway	45 ft. ²
Floor tile and mastic		85 ft. ²
Suspended ceiling panels	H301	320 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	H303	25 ft. ²
Floor tile and mastic		25 ft. ²
Suspended ceiling panels	H304	320 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	H305	25 ft. ²
Floor tile and mastic	H306	25 ft. ²
Floor tile and mastic	H wing hallway	45 ft. ²
Floor tile and mastic		25 ft. ²
Floor tile and mastic	K301	25 ft. ²
Floor tile and mastic	K302	280 ft. ²
Floor tile and mastic		240 ft. ²
Suspended ceiling panels	K303	240 ft. ²
Floor tile and mastic		240 ft. ²
Floor tile and mastic	K304	85 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K305	25 ft. ²
Floor tile and mastic	K306	85 ft. ²
Floor tile and mastic	K307	25 ft. ²
Floor tile and mastic	K308	25 ft. ²
Floor tile and mastic	K309	25 ft. ²

**Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007**

Material Description	Location	Quantity
Floor tile and mastic	K310	25 ft. ²
Floor tile and mastic	K311	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K312	25 ft. ²
Floor tile and mastic	K313	25 ft. ²
Floor tile and mastic	K314	25 ft. ²
Floor tile and mastic	K315	25 ft. ²
Floor tile and mastic	K316	25 ft. ²
Floor tile and mastic	K317	25 ft. ²
Suspended ceiling panels		240 ft. ²
Floor tile and mastic	K318	25 ft. ²
Floor tile and mastic	K319	25 ft. ²
Floor tile and mastic	K320	25 ft. ²
Floor tile and mastic	K321	25 ft. ²
Floor tile and mastic	K322	25 ft. ²
Suspended ceiling panels		280 ft. ²
Floor tile and mastic	K323	25 ft. ²
Floor tile and mastic	k wing hallway	
Floor tile and mastic	Stairwell between A and H wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between B and C wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between D and E wings	25 ft. ²
Fire door		1
Floor tile and mastic	Stairwell between E and F wings	25 ft. ²
Fire door		1

Third Floor (cont'd)

Table 1. Inventory of Asbestos-Containing Materials Specified for Removal
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

Material Description	Location	Quantity
Third Floor (cont'd)		
Floor tile and mastic	Stairwell between G and H wings	25 ft. ²
Fire door		1

TABLE 2.
Confirmatory Bulk Sample PLM Analytical Results

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Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	% Asbestos
GBBN-A-01	Preformed block material on boiler - boiler #1	23% Amosite 4% Chrysotile
GBBN-A-02	Preformed block material on boiler - boiler #1	23% Amosite 4% Chrysotile
GBBN-A-03	Preformed block material on boiler - boiler #1	23% Amosite 4% Chrysotile
GBBN-A-04	Preformed block material on boiler - boiler #2	21% Amosite 5% Chrysotile
GBBN-A-05	Preformed block material on boiler - boiler #2	23% Amosite 4% Chrysotile
GBBN-A-06	Preformed block material on boiler - boiler #2	21% Amosite 5% Chrysotile
GBBN-A-07	Preformed block material on boiler - boiler #3	20% Amosite 21% Chrysotile
GBBN-A-08	Preformed block material on boiler - boiler #3	20% Amosite 21% Chrysotile
GBBN-A-09	Preformed block material on boiler - boiler #3	20% Amosite 21% Chrysotile
GBBN-A-10	Gasket on boiler - boiler 1	ND
GBBN-A-11	Gasket on boiler - boiler 1	ND
GBBN-A-12	Gasket on boiler - boiler 2	ND
GBBN-A-13	Gasket on boiler - boiler 2	ND
GBBN-A-14	Gasket on boiler - boiler 3	ND
GBBN-A-15	Gasket on boiler - boiler 3	ND
GBBN-A-16	Firebrick in boiler - boiler 1	ND
GBBN-A-17	Firebrick in boiler - boiler 1	ND
GBBN-A-18	Firebrick in boiler - boiler 2	ND

Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBBN-A-19	Firebrick in boiler - boiler 2	ND
GBBN-A-20	Firebrick in boiler - boiler 3	ND
GBBN-A-21	Firebrick in boiler - boiler 3	ND
GBBN-A-22	Material between metal jackets on boiler - boiler 3	ND
GBBN-A-23	Material between metal jackets on boiler - boiler 3	ND
GBBN-A-24	Boiler breeching	20 Amosite 21 Chrysotile
GBBN-A-25	Boiler breeching	15 Amosite 31 Chrysotile
GBBN-A-26	Boiler breeching	20 Amosite 21 Chrysotile
GBBN-A-27	Preformed block material on large tank	20 Amosite 21 Chrysotile
GBBN-A-28	Preformed block material on large tank	15 Amosite 31 Chrysotile
GBBN-A-29	Preformed block material on large tank	23 Amosite 4 Chrysotile
GBBN-A-30	Preformed block pipe insulation (Type 1 - lightweight)	ND
GBBN-A-31	Preformed block pipe insulation (Type 1 - lightweight)	ND
GBBN-A-32	Preformed block pipe insulation (Type 1 - lightweight)	ND
GBBN-A-33	Preformed block pipe insulation (Type 2 - fluffy)	23 Amosite 4 Chrysotile
GBBN-A-34	Preformed block pipe insulation (Type 2 - fluffy)	23 Amosite 4 Chrysotile
GBBN-A-35	Preformed block pipe insulation (Type 2 - fluffy)	23 Amosite 4 Chrysotile
GBBN-A-36	Cementitious fitting on fiberglass insulated line - 2" line	ND

Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBBN-A-37	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-38	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-39	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-40	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-41	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-42	Cementitious fitting on fiberglass insulated line - 6" line	ND
GBBN-A-43	Cementitious fitting on fiberglass insulated line - 6" line	ND
GBBN-A-44	Cementitious fitting on fiberglass insulated line - 6" line	ND
GBBN-A-45	Cementitious fitting on fiberglass insulated line - 8" line	ND
GBBN-A-46	Cementitious fitting on fiberglass insulated line - 8" line	ND
GBBN-A-47	Cementitious fitting on fiberglass insulated line - 8" line	36.75 Chrysotile
GBBN-A-48	Cementitious fitting on fiberglass insulated line - 12" line	1.58 Chrysotile
GBBN-A-49	Cementitious fitting on fiberglass insulated line - 12" line	ND
GBBN-A-50	Cementitious fitting on fiberglass insulated line - 12" line	ND
GBBN-A-51	Preformed block insulation on suspended tank - tank 1	9 Amosite 57 Chrysotile
GBBN-A-52	Preformed block insulation on suspended tank - tank 2	12 Amosite 39 Chrysotile
GBBN-A-53	Preformed block insulation on suspended tank - tank 3	23 Amosite 22 Chrysotile
GBBN-A-54	Preformed block insulation on suspended tank - tank 4	9 Amosite 57 Chrysotile
GBBN-A-55	Preformed block insulation on suspended tank - tank 5	12 Amosite 39 Chrysotile

Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBBN-A-56	Performed block insulation on suspended tank - tank 6	12 Amosite 39 Chrysotile
GBBN-A-57 (A)	9-in ² Floor tile (FT 1) - gray with red, white and brown streaks and black dots	4 Chrysotile
GBBN-A-57 (B)	Mastic on FT 1	12 Chrysotile
GBBN-A-58 (A)	9-in ² Floor tile (FT 1) - gray with red, white and brown streaks and black dots	4 Chrysotile
GBBN-A-58 (B)	Mastic on FT 1	9 Chrysotile
GBBN-A-59 (A)	9-in ² Floor tile (FT 2) - gray with red, white and brown streaks	4 Chrysotile
GBBN-A-59 (B)	Mastic on FT 2	9 Chrysotile
GBBN-A-60 (A)	9-in ² Floor tile (FT 2) - gray with red, white and brown streaks	4 Chrysotile
GBBN-A-60 (B)	Mastic on FT 2	9 Chrysotile
GBBN-A-61	12-in ² Floor tile (FT 3) - gray marbled	ND
GBBN-A-62	12-in ² Floor tile (FT 3) - gray marbled	ND
GBBN-A-63	12-in ² Floor tile (FT4) - beige marbled	ND
GBBN-A-64	12-in ² Floor tile (FT4) - beige marbled	ND
GBBN-A-65 (A)	9-in ² Floor tile (FT 5) - red with brown and white streaks	4 Chrysotile
GBBN-A-65 (B)	Mastic on FT 5	9 Chrysotile
GBBN-A-66 (A)	9-in ² Floor tile (FT 5) - red with brown and white streaks	4 Chrysotile
GBBN-A-66 (B)	Mastic on FT 5	12 Chrysotile
GBBN-A-67	12-in ² Floor tile (FT 8) - black	ND
GBBN-A-68	12-in ² Floor tile (FT 9) - white	ND
GBBN-A-69	12-in ² Floor tile (FT 10) - white with gray and black streaks	ND
GBBN-A-70	12-in ² Floor tile (FT 10) - white with gray and black streaks	ND
GBBN-A-71	Linoleum (FT 11) - green	ND

Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBBN-A-72	Linoleum (FT 11) - green	ND
GBBN-A-73	Drywall/joint compound	ND
GBBN-A-74	Drywall/joint compound	ND
GBBN-A-75	12-in ² Floor tile (FT 6) - tan marbled	ND
GBBN-A-76	12-in ² Floor tile (FT 6) - tan marbled	ND
GBBN-A-77	2-ft ² Suspended ceiling panel (CT 1) - dot pattern	4 Amosite 2 Chrysotile
GBBN-A-78	2-ft ² Suspended ceiling panel (CT 1) - dot pattern	4 Amosite 2 Chrysotile
GBBN-A-79	2-ft ² Suspended ceiling panel (CT 2) - random fissure	ND
GBBN-A-80	2-ft ² Suspended ceiling panel (CT 2) - random fissure	ND
GBBN-A-81	2-ft ² Suspended ceiling panel (CT 3) - lateral fissure	ND
GBBN-A-82	2-ft ² Suspended ceiling panel (CT 3) - lateral fissure	ND
GBBN-A-83	Hockey pucks	ND
GBBN-A-84	Hockey pucks	ND
GBBN-A-85	Covebase	ND
GBBN-A-86	Covebase	ND
GBBN-A-87	Window glazing compound - thin bead	ND
GBBN-A-88	Window glazing compound- thin bead	4 Chrysotile
GBBN-A-89	Window caulking	ND
GBBN-A-90	Window caulking	ND
GBBN-A-91	Window glazing - wide bead	ND
GBBN-A-92	Window glazing compound - wide bead	4 Chrysotile
GBBN-A-93	Cloth vibration isolators	ND

Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBBN-A-94	Cloth vibration isolators	ND
GBBN-A-95	Coating on stainless sink	6 Chrysotile
GBBN-A-96	Coating on stainless sink	6 Chrysotile
GBBN-A-97	Carpet mastic	ND
GBBN-A-98	Carpet mastic	ND
GBBN-A-99	Hard plaster - rough texture	ND
GBBN-A-100	Hard plaster - rough texture	ND
GBBN-A-101	Hard plaster - rough texture	ND
GBBN-A-102	Hard plaster - rough texture	ND
GBBN-A-103	Hard plaster - rough texture	ND
GBBN-A-104	Hard plaster - rough texture	ND
GBBN-A-105	Hard plaster - rough texture	ND
GBBN-A-106	Hard plaster - troweled finish	ND
GBBN-A-107	Hard plaster - troweled finish	ND
GBBN-A-108	Hard plaster - troweled finish	ND
GBBN-A-109	Hard plaster - troweled finish	ND
GBBN-A-110	Hard plaster - troweled finish	ND
GBBN-A-111	Hard plaster - bumpy texture	ND
GBBN-A-112	Hard plaster - bumpy texture	ND
GBBN-A-113	Hard plaster - bumpy texture	ND
GBBN-A-114	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-115	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-116	Cementitious fitting on fiberglass insulated line - 2" line	ND



Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBBN-A-117	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-118	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-119	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-120	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-121	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-122	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-123	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-124	Hard plaster - stucco texture	ND
GBBN-A-125	Hard plaster - stucco texture	ND
GBBN-A-126	Hard plaster - stucco texture	ND
GBBN-A-127	Hard plaster - swirled finish	ND
GBBN-A-128	Hard plaster - swirled finish	ND
GBBN-A-129	Hard plaster - swirled finish	ND
GBBN-A-130	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-131	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-132	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-133	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-134	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-135	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-136	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-137	Cementitious fitting on fiberglass insulated line - 4" line	ND
GBBN-A-138	Cementitious fitting on fiberglass insulated line - 2" line	ND
GBBN-A-139	Cementitious fitting on fiberglass insulated line - 4" line	ND

Table 2. Confirmatory Bulk Sample PLM Analysis Results
 Northern Kentucky University, Student Residence Hall
 Highland Heights, Kentucky
 August 2007

I.D.	Sampled Material	Asbestos
GBN-A-140	Cementitious fitting on fiberglass insulated line - 6" line	ND

* Result of point-count analysis

TABLE 3
Cost Estimate for the Removal and Disposal
of Asbestos-Containing Materials

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Cost Estimate for Removal of Asbestos-Containing Materials
Northern Kentucky University, Student Residence Hall
Highland Heights, Kentucky
August 2007

Material	Quantity	Estimated Unit Price	Estimated Removal Cost
TSI on Pipes	200 lf.	\$15.00/lf.	\$3,000
TSI on Boilers	2,800 ft. ²	\$10.00/ft. ²	\$28,000
TSI on Boiler Breaching	900 ft. ²	\$10.00/ft. ²	\$9,000
TSI on Tank	1,250 ft. ²	\$10.00/ft. ²	\$12,500
Cementitious Fittings on Fiberglass Insulated Pipes	100 fittings	\$35.00/fitting	\$350
Floor Tile and Mastic	20,915 ft. ²	\$3.00/ft. ²	\$62,745
Suspended Ceiling Panels	27,870 ft. ²	\$3.00/ft. ²	\$83,610
Sink with asbestos coating	2	\$250.00/ft. ²	\$500
Fire Doors	107 doors	\$95.00/door	\$10,165
Window Glazing Compound	1,200 lf	\$5.00/lf.	\$6,000
SUBTOTAL			215,870
10 Contingency			21,587
TOTAL			237,457

* Unit prices (including labor and other direct costs) from estimators employed by local licensed asbestos abatement contractors. Cost estimate does not include third-party oversight and clearance monitoring.

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FIGURE 1
Asbestos-Containing Materials Specified
for Removal From the Basement Level

FIGURE 2
Asbestos-Containing Materials Specified
for Removal from the First Floor

FIGURE 3
Asbestos-Containing Materials Specified
for Removal From the Second Floor

FIGURE 4
Asbestos-Containing Materials Specified
for Removal From the Third Floor



