

**ASBESTOS ABATEMENT CON'T**

- ALL CLEARANCE AIR SAMPLING TO BE ANALYZED BY PHASE CONTRAST MICROSCOPY (PCM) SHALL BE CONDUCTED IN ACCORDANCE WITH THE NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH) METHOD 7400 ENTITLED "FIBERS," PUBLISHED IN THE NIOSH MANUAL OF ANALYTICAL METHODS, 3<sup>RD</sup> EDITION, SECOND SUPPLEMENT, AUGUST 1987. A MINIMUM OF THREE (3) SAMPLES SHALL BE TAKEN AND SHOW THAT THE CONCENTRATION OF FIBERS FOR EACH SAMPLE IS LESS THAN OR EQUAL TO 0.01 FIBERS PER CUBIC CENTIMETER OF AIR;
- ALL CLEARANCE AIR SAMPLING TO BE ANALYZED BY TRANSMISSION ELECTRON MICROSCOPY (TEM) SHALL BE CONDUCTED IN ACCORDANCE WITH THE REGULATIONS ESTABLISHED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, 40 CFR PART 763, SUBPART E, APPENDIX A; AND
- ALL CLEARANCE AIR SAMPLING MUST BE CONDUCTED BY AN ASBESTOS HAZARD ABATEMENT AIR MONITORING TECHNICIAN, OR ASBESTOS HAZARD EVALUATION SPECIALIST CERTIFIED BY THE ODH, OR A CERTIFIED INDUSTRIAL HYGIENIST OR INDUSTRIAL HYGIENIST IN TRAINING AS CERTIFIED BY THE AMERICAN BOARD OF INDUSTRIAL HYGIENE.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE FOLLOWING:

- MAINTAINING A JOB BOOK, AT THE WORK SITE, WITH A COPY OF ALL COMPANY AND WORKER DOCUMENTATION PERTINENT TO THIS PROJECT (LICENSE, NOTIFICATIONS, PHYSICALS, FIT TESTS, ETC.)
- ENSURING ALL PERSONNEL WORKING ON THIS PROJECT ARE EXPERIENCED, LICENSED, CERTIFIED AND HAVE CURRENT PHYSICAL EXAMINATIONS AND DOCUMENTATION.
- MONITORING OF OSHA PERSONNEL.
- THE CONTRACTOR AND/OR SUBCONTRACTOR SHALL SUBMIT TO THE ENGINEER AND/OR THE DEMOLITION CONTRACTOR WRITTEN NOTIFICATION THAT THE PARCEL HAS BEEN COMPLETELY ABATED AND IS SAFE TO ENTER AND/OR DEMOLISH THE NECESSARY STRUCTURES.
- PAYING PREVAILING WAGES TO ITS WORKERS PERFORMING ASBESTOS ABATEMENT WORK ON THIS PROJECT.

FEDERAL AND STATE REGULATORY AGENCIES ALLOW CATEGORY I NON-FRIABLE ASBESTOS MATERIALS TO REMAIN IN PLACE DURING NORMAL DEMOLITION ACTIVITIES. NORMAL DEMOLITION ACTIVITIES ARE DEFINED BY OEPA AS THOSE WHICH WILL NOT CUT, GRIND, SAND OR ABRASE THESE MATERIALS TO RENDER THEM FRIABLE. IF NORMAL DEMOLITION PRACTICES ARE UTILIZED, THE MATERIALS MAY REMAIN IN PLACE DURING DEMOLITION AND ALSO BE DISPOSED OF IN A CONSTRUCTION DEMOLITION AND DEBRIS LANDFILL. HOWEVER, STRUCTURES MAY NOT BE DEMOLISHED BY INTENTIONAL BURNING IF THESE MATERIALS REMAIN IN PLACE, NOR CAN THEY BE USED AS CLEAN FILL OR RECYCLED.

**PLEASE NOTE: FOR THIS PROJECT NO BURNING WILL BE ALLOWED.**

MEASUREMENT: THIS ITEM WILL BE MEASURED ON A PER UNIT BASIS AS LISTED IN THE PLANS FOR THE TYPES OF ACM INDICATED IN THE ASBESTOS ABATEMENT DOCUMENTATION.

BASIS OF PAYMENT: THE CONTRACTOR WILL FURNISH ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO PROPERLY DEVELOP AND COMPLY WITH AN ASBESTOS ABATEMENT DOCUMENTATION, SUBMIT FORMS, REMOVE, TRANSPORT AND DISPOSE OF ASBESTOS CONTAINING MATERIALS. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACTOR UNIT BID PRICE SHOWN BELOW. THE FOLLOWING ITEMS HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK AS DESCRIBED ABOVE AND TABULATED FROM SHEETS 5 AND 6:

QUANTITIES FOR MONTVILLE LOCATION(S) LISTED BELOW:

ITEM SPECIAL – ASBESTOS ABATEMENT, DUCT WRAP ...**75 SF.**

ITEM SPECIAL – ASBESTOS ABATEMENT, FLOOR TILE ....**425 SF**

ITEM SPECIAL – ASBESTOS ABATEMENT, ROOFING MATERIAL .....**1840 SF.**

ITEM SPECIAL – MISC: ABATEMENT OF REGULATED UNIVERSAL AND HAZARDOUS MATERIAL

THE CONTRACTOR IS DIRECTED TO REVIEW THE HAZARDOUS MATERIALS AND WASTE SURVEY REPORT(S) DATED AUGUST 1, 2021 AND SEPTEMBER 1, 2021, WHICH WERE SUBMITTED BY HZW. THE CONTRACTOR IS ADVISED THAT HAZARDOUS MATERIALS WERE IDENTIFIED AT ALL THREE LOCATIONS. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ITEMS IDENTIFIED WITHIN THE REPORT AND OTHER ITEMS SUSPECTED OF CONTAINING HAZARDOUS MATERIAL FROM THE PROJECT SITE PRIOR TO THE DEMOLITION OF THE STRUCTURE. THE CONTRACTOR SHALL FOLLOW ALL STATE, FEDERAL AND LOCAL REGULATIONS RELATED TO THE DISPOSAL OF THE RESPECTIVE HAZARDOUS MATERIAL.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AS A LUMP SUM BID PRICE FOR ITEM SPECIAL – HAZARDOUS MATERIAL AND WASTE REMOVAL AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, MATERIALS, DISPOSAL FEES AND TRANSPORTATION COSTS NECESSARY TO PERFORM THE WORK.

ITEM SPECIAL – MISC: ABATEMENT OF REGULATED UNIVERSAL AND HAZARDOUS MATERIAL ..... **LS**

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN INCLUDED FOR DUST CONTROL PURPOSES:

616 – WATER ..... **13 M GAL**  
(0.0027 M GAL. PER SQ. YD. OF DISTURBED AREA)

ITEM 659 SEEDING AND MULCHING

THIS ITEM PERTAINS ONLY TO THE MONTVILLE LOCATION. THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SEEDING AND MULCHING ..... **240 SY**  
659, TOPSOIL ..... **27 CY**  
659, WATER..... **15 MGAL**

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL CREATED BY THE BUILDING DEMOLITION. THE AREAS SHALL INCLUDE BUT NOT BE LIMITED TO WHERE THE DRIVEWAY, SIDEWALK, RETAINING WALL, TREES, AND STRUCTURES WERE REMOVED. QUANTITY CALCULATIONS FOR THE ABOVE ITEMS ARE BASED ON THESE LIMITS.



DESIGN AGENCY



DESIGNER  
JRF

REVIEWER  
KD 09-03-2021


PROJECT ID  
115419

SHEET TOTAL  
4 6

SHEET NUM.										PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
2	3	4								01/NFP/OT	EXT	TOTAL				
<b>ROADWAY</b>																
LS										LS	201	11000	LS		CLEARING AND GRUBBING	2
	LS									LS	202	56000	LS		BUILDING DEMOLISHED, PARCEL NO. 20-008430	3
	LS									LS	202	56000	LS		BUILDING DEMOLISHED, PARCEL NO. 20-048700 / 20-048800	3
2										2	202	62700	2	EACH	SEPTIC TANK REMOVED	2
2										2	SPECIAL	20266000	2	EACH	DRILLED WATER WELL ABANDONED	2
LS										LS	202	98000	LS		REMOVAL MISC.:REMOVAL OF MISCELLANEOUS CONCRETE ITEMS	2
		LS								LS	SPECIAL	69070000	LS		ENVIRONMENTAL, ABATEMENT OF REGULATED UNIVERSAL AND HAZARDOUS MATERIAL	4
		75								75	SPECIAL	69070100	75	SF	ASBESTOS ABATEMENT, DUCT WRAP	4
		425								425	SPECIAL	69070100	425	SF	ASBESTOS ABATEMENT, FLOOR TILE	4
		1,840								1,840	SPECIAL	69070100	1,840	SF	ASBESTOS ABATEMENT, ROOFING MATERIAL	4
<b>EROSION CONTROL</b>																
		13								13	616	10000	13	MGAL	WATER	4
		27								27	659	00300	27	CY	TOPSOIL	4
		240								240	659	00500	240	SY	SEEDING AND MULCHING, CLASS 1	4
		15								15	659	35000	15	MGAL	WATER	4
		LS								1,500	832	30000	1,500	EACH	EROSION CONTROL	4
<b>INCIDENTALS</b>																
LS		LS								LS	614	11000	LS		MAINTAINING TRAFFIC	4
										LS	624	10000	LS		MOBILIZATION	4
																2

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER: JRF  
 REVIEWER: KD  
 PROJECT ID: 115419  
 SHEET: 5 TOTAL: 6