Flood Response Resource Availability List

The following list includes all the resources you inventoried during the activity in Lesson Five; however, there are many resources that are not currently available for the flood response because they are currently being used elsewhere or are not functional. Any items that are immediately followed by the words (Do Not Consider) should not be considered when choosing your response actions.

**County Highway Department**

The County Highway Department has 34 full-time (Do Not Consider) 29 full-time and 17 part-time employees. The full time staff is comprised of: 5 administrative/clerical workers (Do Not Consider) 3 administrative/clerical workers, 1 cartographer/surveyor, 3 field supervisors 2 field supervisors, 2 mechanics, 1 yardmaster, and 22 field employees (Do Not Consider) 20 field employees. All 17 part-time employees are field workers.

Equipment owned by the department includes:

- 8-5 CY dumps
- 7-8 CY dumps
- 1-5 CY 4 WD articulated wheeled loader
- 1-2.5 CY wheeled loaders
- 1-D-2 100 HP dozer (Do Not Consider)
- 1-D-7 200 HP dozer (Do Not Consider)
- 1-D-7 CY street sweeper
- 1-1.5 CY wheeled loader w/18" backhoe
- 1-1 CY backhoe-crawler mounted
- 1-1 ton two-axle self powered steam roller
- 1-125 HP (10,000) road grader (Do Not Consider)
- 1-4,000 gal. water truck

- 1-24 foot stake truck
- 2-1,000 watt light towers with generators
- 1-4,000 lb. forklift (rough terrain)
- 1-8,000 lb. forklift (rough terrain) (Do Not Consider)
- 300- 10 foot 30" Jersey barriers
- 230 tons sand
- 77 tons ¾" gravel
- 35 tons 1-1/2 gravel
- 320 tons road salt
- 15,000 sandbags (empty)
- 1271 grain sacks (24" x 48") (empty) (Do Not Consider)
- 982 grain sacks (24" x 48") (empty)
**Peabody City Fire Department**

The fire department is staffed by one full-time inspector and 39 volunteers. Fire Explorer Post 169 has 14 active members. Food and beverage service is provided at fire scenes by the 12 members of the Peabody City Fire Biffs Club.

The equipment inventory of the fire department includes:

- 1-85’ Peter Pirsch aerial ladder
- 1-750 GPM Seagrave engine company
- 1-1250 GPM Emergency One engine company
- 1-4,000 gallon tanker
- 1-4 WD brush truck W/250 GPM pump & 500 gal. tank
- 1-Type 2 ambulance
- 1-Type 3 ambulance
- 1-750 GPM civil defense fire pumps (stored at wastewater plant)

**Peabody City Police Department**

The Peabody City Police Department patrols the city and township. It has 5-911 dispatchers, 2 administrative officers, 3 detectives, 3 juvenile officers, 23 patrol officers, 2 jail cooks, and 14 jailers. The jail has 45 cells for men, 9 cells for women, and 15 juvenile detention beds. There is a police auxiliary of 12 men and women who can write municipal tickets and direct traffic, but who do not have arrest powers. The department has an active explorer post of 19 boys and girls.

The police department vehicle inventory includes:

- 5-marked squad cars
- 4-unmarked squad cars
- 1-4 WD patrol unit
- 1-prisoner transport van *(Do Not Consider)*
- 1-evidence collection van
**Peabody City Public Works Department**

The Public Works Department has 1 Director, 1 Clerk/Steno, and 8 full time field employees. **(Do Not Consider) 6 full time field employees.**

Equipment stored at the wastewater plant yard includes:

1-3 CY dump/plow and sander attachment. **(Do Not Consider)**
3-5 CY dumps w/plow and sander attachment
1-2.5 CY wheeled loader
1-7 CY street sweeper
1-190 CFM air compressor. **(Do Not Consider)**

1-paving breaker (jackhammer) w/bits:
- 15” Moil point
- 3” Chisel
- 5” Asphalt cutter
- Tamping pad

2-1 ton pick-up trucks. **(Do Not Consider)**
1-1 ton pick-up truck
1-brush chipper-trailer mounted (12” diameter capacity)
1-750 GPM civil defense fire pump. (# CDP-1)
20,000 burlap sandbags (empty)
205 tons sand. **(Do Not Consider)**
150 tons sand
100 tons salt (2.02 tons/CY)

**Wastewater Plant**

The wastewater plant has 22 employees including 12 field workers.

Equipment stored at the plant yard includes:

1-1.5 CY loader with 18” backhoe. **(Do Not Consider)**
1-4 ton forklift (rough terrain)
1-5 ton dump
1-high pressure jet rodder
2-1 ton pick-up trucks
1-750 GPM civil defense fire pump. (#CDP-1)
15,000 plastic sandbags (empty)
**Acme Hardware**
1-4,000 lb. forklift (no price given for use) *(Do Not Consider)*

**Gas & Go Quick Mart**
1-3 CY dump w/plow & sander attachment @ $75.00/hour

**Taggets Food Store**
1-4,000 lb. forklift (no price given for use)

**Willy’s Heavy Equipment Sales and Services**
Willy’s heavy equipment is the regional sales and service center for Binfold construction equipment. They have both new and used equipment on site, and they are willing to rent used equipment at the prevailing market rate but will not supply operators.

Equipment on site includes:
- 1-3 CY dump (new)
- 1-8 CY dump (new) *(Do Not Consider)*
- 1-8 CY dump (used)
- 1-12 CY dump (used)
- 1-2.5 CY loader (new) ¹⁰
- 1-200 HP D-7 dozer (used) ¹¹ *(Do Not Consider)*
- 1-460 HP D-9 dozer (new) ¹²
- 1-24 CY 350 HP scraper/hauler ¹³ (used) *(Do Not Consider)*
- 1-15 ton 9 wheel rubber tired roller (used) ¹⁴
- 1-2 CY backhoe crawler (used) ¹⁵
- 1-100 HP vibrating roller ¹⁶ (used)
- 1-8,000 fork lift (rough terrain) (new)
- 1-1,000 watt lighting tower w/generator (new) *(Do Not Consider)*
- 1-4” trailer mounted trash pump (new) ¹⁷
- 1-15 HP 12” trencher (new)
Gnorski Construction Company

The Gnorski Construction Company is general and heavy construction contractor. They maintain all of the water lines for the Peabody City Water Department. Gnorski uses union hall labor for special projects and maintains a steady workforce of 2 office workers, 5 engineers, 8 field workers, and 1 mechanic.

Equipment stored on site includes:

1-32 CY 550 HP scraper/hauler @ $460.00/hour ($10,000 min.)\(^{18}\) (Do Not Consider)
1-15 CY 200 HP scraper/hauler @ $200.00/hour ($6,000.00 min.)\(^{19}\) (Do Not Consider)
1-D-4 100 HP dozer @ $40.00/hour ($850.00 min.)\(^{20}\)
2-D-9 460 HP dozers @ $175.00/hour ($2,000.00 min.)\(^{21}\)
1-60 ton Crawler cable crane w/2 CY clamshell bucket @ $155.00/hour\(^{22}\) (Do Not Consider)
1-45 ton hydraulic truck crane @ $195.00/hour
1-60” double drum sheepsfoot towed roller 5’ wide @ $109.00/day, $315.00/week, $1310.00/month\(^{23}\)
1-15 ton 9-wheel tired roller compactor @ $125.00/hour\(^{24}\)
1-5 CY wheeled articulated Loader @ $75.00/hour\(^{25}\)
2-1.5 CY wheeled loaders w/ 18” backhoes @ $52.00/hour\(^{26}\)
1-3 CY dragline w/150 ton crawler @ $102.00/hour\(^{27}\)
1-2 CY Backhoe crawler @ $83.00/hour\(^{28}\)
9-12 CY Dumps @ $ 80.00/hour
2-5 CY Dumps @ $65.00/hour
1-Asphalt paver @ $65.00/hour
1-8 ton Two axle steel drum diesel steam roller @ $125.00/hour
2-6,000 lb forklifts @ $275/day (No operator) (Do Not Consider)
1-8,000 lb forklift (rough terrain) @ $333.00/day (No operator)
4-8,000 watt lighting towers w/ generators @ $129.00/day; $373.00/week; $1040.00/month (No operator)
2-4” Trash pumps w/hoses\(^{29}\) @ $72.99/day; $243.00/week; 656.00/week (No operator)
2-3” Trash pumps w/hoses\(^{30}\) @ $48.00/day; $160.00/week; $444.00/month (No operator) (Do Not Consider)
1- Low boy heavy equipment hauler w/truck @ $265.00/hour
**McIntosh Trucking**

Macintosh Trucking is a general cartage firm that has a number of vehicles including:

4-16 foot U-Drive moving vans @ $55.00 day
2-24 foot U-Drive moving vans @ $70.00 day **(Do Not Consider)**
8-10 foot Utility trailers, 1 ton capacity, 2" ball @ $35.00/day
3-Semi-trailer moving vans w/crew @ $95.00/hour **(Do Not Consider)**
1-Semi-trailer moving van w/crew @ $95.00/hour
5-5 CY Dumps @ $65.00/hour **(Do Not Consider)**
2-5 CY Dumps @ $65.00/hour
6-12 CY Dumps @ $92.50/hour

**Muller Sand & Gravel**

The Muller Sand & Gravel Company is the sole supplier of aggregates in McKay County. Muller has two hopper loading lanes capable of delivering 2.5 tons/minute/lane. If necessary, they can also pile load vehicles using their two wheeled front end loaders. All trucks are weighed at a single scale to determine billing loads. Muller also has dump trucks that can be used to deliver aggregates anywhere in the country. In an emergency, the pit can operate at night, but portable lighting units must be acquired for illumination.

The pit supplies:

- Sand (1.35 CY/ton) @ $13.50/ton
- ¾” gravel (1.4 CY/ton) @ $12.50/ton
- 1-1/2 gravel (1.4 CY/ton) @ 12.75/ton
- Pit run (1.4 CY/ton) @ $11.75/ton
- 1-2.5 CY loader (90 CY/hour)
- 1-1.5 CY loader (55 CY/hour)
- 8-12 CY dumps @ $76.50/hour + load
- 4-8 CY dumps @ $65.00/hour + load
- 4-5 CY dumps @ $60.00/hour + Load
Racor Industrial Complex
2-4,000 lb. forklift (no price given for use)

Witt Lumber
Witt Lumber carries a variety of construction materials, as listed below.
2 x 4 x 8 @ 1.92 (579 on hand) (Do Not Consider) (271 on hand)
2 x 4 x 10 @ 2.47 (431 on hand)
2 x 4 x 12 @ 2.79 (631 on hand) (Do Not Consider) (451 on hand)
2 x 4 x 14 @ 3.47 (211 on hand) (582 on hand)
1 x 12 x 12 @ 3.47 (211 on hand)
1 x 12 x 12 @ 9.48 (533 on hand) (Do Not Consider) (345 on hand)
7/8 plywood @ 17.88/sheet (410 on hand) (Do Not Consider) (322 on hand)
7/8 marine grade plywood @ 79.85/sheet (27 on hand)
8' x 100' 8 mil. plastic @ 41.10/roll (53 on hand) (Do Not Consider) (34 on hand)
8' x 100' 6 mil. plastic @ 37.56/roll (71 on hand)
Plastic sandbags @ .65 ea. (22,632 on hand) (Do Not Consider) (18,245 on hand)*
Grain sacks (24x48) @ 1.75 (3,142 on hand) (Do Not Consider) (4,691 on hand)

Vehicle Fleet:
3-16' Stake Trucks
2-24" Stake Trucks
3-8,000 lb. Fork lifts
1-4,000 lb. Fork lift (Do Not Consider)

*Country Highway first refusal contract @ 20,000

American Red Cross
McKay County is served by the Tri-County chapter which has an office in Grunde County, 45 miles from Peabody City. The chapter has 4 full-time staff and 19 active disaster volunteers.
Chapter equipment includes:
2-station wagons (Do Not Consider)
1-station wagon
1-utility van
50-cots
100-blankets
**Salvation Army Center**
The Salvation Army has 3 full-time staff and a supporting congregation of 22.
The center has:
1-mobile feeding unit
1-utility van

**Hamilton Park Zoo**
The Hamilton Park Zoo has 4 full-time employees supplemented by 20 volunteers who each average 6 hours a week.
Equipment owned by the zoo includes:
1- ¾ CY wheeled loader
1-150 HP tractor *(Do Not Consider)*
2-1 ton pick-up trucks
1-3 CY dump

**Navy Reserve Center**
The Navy Reserve Center is in the process of being decommissioned, but still has a few pieces heavy equipment on site. The center is staffed by 2 full-time Petty Officers who support a drill component of 60 men and women.
Navy equipment includes:
2-2.5 ton trucks (general purpose military)
2- Humvees *(Do Not Consider)*
1-1,500 gallon water buffalo
1-15 CY 200 HP self powered scraper/hauler
2-8 CY dumps
1-125 HP (10,000 lb.) road grader
1-2 CY drag line w/60 ton crawler crane
1-4 ton forklift (rough terrain)
1- Low boy heavy equipment trailer w/cab
1-1,000 watt light tower w/gasoline generator *(Do Not Consider)*
**Equipment Notes**

1. 5 CY Loader-loose material moved 50 feet to pile or dumped in truck, 218 CY/hour
2. 1.5 CY Loader-loose material moved 50 feet to pile or dumped in truck, 55 CY/hour
3. D-4 Dozer-150 foot push undistributed soil to pile, 29 CY/hour
4. D-7 Dozer-150 foot push undistributed soil to pile, 78 CY/hour
5. 1.5 CY Loader operation-loose material moved 50 feet to pile or dumped in truck, 55 CY/hour; backhoe operation 18” wide trench 3 to 5 feet deep; Light soil-60 LF/hour; Medium soil-55 LF/hour; Heavy or wet soil-35 LF/hour
6. 1 CY Backhoe-soil moved adjacent to excavation or loaded into dump trucks
   - Light soil-69 CY/hour; Most soils-57 CY/hour; Wet soil or loose rock-46 CY/hour
7. 125 HP Road grader-general area rough grading with D-4 Dozer, 2420 yd²/hour; general area rough grading with D-8 dozer, 4840 yd²/hour; general site grading alone 3388 yd²/hour
8. 2.5 CY Loader operation – loose material moved 50 feet to pile or dumped in truck, 90 CY/hour
9. 1.5 CY Loader operation-loose material moved 50 feet to pile or dumped in truck, 55 CY/hour; backhoe operation 18” wide trench 3 to 5 feet deep; Light soil-60 LF/hour; Medium soil-55 LF/hour; Heavy or wet soil-35 LF/hour
10. 2.5 CY Loader operation – loose material moved 50 feet to pile or dumped in truck, 90 CY/hour
11. D-7 Dozer-150 foot push undistributed soil to pile, 78 CY/hour
12. D-9 Dozer-150 foot push undistributed soil to pile, 205 CY/hour
13. 24 CY scraper/hauler pushed by D-8 355 HP dozer; 1,000 foot haul- 225 CY per hour; 2,500 foot haul- 150 CY per hour; 4,000 foot haul- 113 CY per hour (Work done in clay, shale or soft rock will reduce output by 10% to 20%)
14. 15 ton 9- wheel tired roller compactor; 6” lifts 500 CY/hour; 8” lifts 750 CY/hour; 10” lifts 1,000 CY/hour
15. 2 CY Backhoe crawler - Soil moved adjacent to excavation or loaded into trucks; Light soil-100 CY/hour Most soils-85 CY/hour; Wet soil or loose rock-70 CY/hour
16. -100 HP Vibrating roller; 6” Lifts- 500 CY/hour; 8’ Lifts – 750 CY/hour; 10’ Lifts – 1,000 CY/hour
17. 4” Trash pump; 5’ Lift 1475 GPM; 8’ Lift 1250 GPM
18. 32 Cy scraper/hauler pushed by D-9 Dozer - 1,000 foot haul, 315 CY/hour; 2,500 foot haul, 219 CY/hour; 4,000 foot haul, 158 CY/hour (Work done in clay, shale or soft rock will reduce output by 10% to 20%)
19. 15 CY scraper/hauler pushed by D-8 355 HP dozer - 1,000 foot haul-135 CY per hour; 2,500 foot haul-90 CY per hour; 4,000 foot haul-68 CY per hour (Work done in clay, shale or soft rock will reduce output by 10% to 20%)
20. D-4 Dozer-150 foot push undistributed soil to pile, 29 CY/hour
21. D-9 Dozer-150 foot push undistributed soil to pile, 205 CY/hour
22. 60 Ton Crawler w/clamshell output to cast excavated soil next to site or load into trucks - Loam or light clay-78 CY per hour; Sand or gravel – 85 CY per hour; Heavy clay- 28 CY per hour; Unclassified soil-36 CY per hour
23. Sheepfoot roller towed behind D-7 dozer - 6” Lifts 185 CY/hour; 8” Lifts 245 CY/hour;
24. 15 ton 9- wheel tired roller compactor - 6” lifts 500 CY/hour; 8” lifts 750 CY/hour; 10” lifts 1,000 CY/hour
25. 5 CY Loader-loose material moved 50 feet to pile or dumped in truck, 218 CY/hour
26. 1.5 CY Loader-loose material moved 50 feet to pile or dumped in truck, 55 CY/hour
27. 3 CY dragline w/150 ton crawler crane - Soil moved adjacent to excavation or loaded into trucks: Loam or light clay-116 CY per hour; Sand or gravel-113 CY per hour; Heavy clay- 70 CY per hour; Unclassified soil-53 CY per hour
28 2 CY Backhoe crawler - Soil moved adjacent to excavation or loaded into trucks: Light soil-100 CY/hour; Most soils-85 CY/hour; Wet soil or loose rock-70 CY/hour.

29 4” Trash pump; 5’ Lift 1475 GPM; 8’ Lift 1250 GPM

30 3” Trash pump; 5’ Lift 1150 GPM; 8’ Lift 950 GPM

31 ¾ CY loader-loose material moved 50 feet to pile or dumped in truck, 32 CY/ hour

32 15 CY scraper/hauler pushed by D-8 355 HP dozer - 1,000 foot haul-135 CY per hour; 2,500 foot haul-90 CY per hour; 4,000 foot haul-68 CY per hour (Work done in clay, shale or soft rock will reduce output by 10% to 20%)

33 125 HP road grader-general area rough grading with D-4 dozer, 2420 yd²/hour; general area rough grading with D-8 dozer, 4840 yd²/hour; general site grading alone 3388 yd²/hour

34 2 CY dragline w/60 ton crawler crane - Output to cast excavated soil next to site or load into trucks: loam or light clay-88 CY per hour; sand or gravel-85 CY per hour; heavy clay-48 CY per hour; unclassified soil-36 CY per hour