

**DDESS Facility Assessment
Mudge Elementary
Fort Knox, KY**

Pre-Survey Questionnaire

Please circle Yes or No and describe problem and area of the building where present if applicable.

- What are the biggest problems at the building? Do you receive continual complaints about your building systems? **Typical complaints from this facility center around HVAC systems, with minor adjustments often needed.**
- Please list approximate age of building and building additions.
Main building constructed 1961-34,700 sq. ft., Media Center constructed 1987-3,900 sq. ft., Gym constructed 1997-6895 sq. ft., Chiller Building constructed 1986-600 sq. ft, Freezer Building constructed 1995, 300 sq. ft.

- Are you aware of any structural problems in the building related to columns, beams, floor slabs, roof decking, load bearing walls or foundations? Y or N

Description: **"D" Cluster foundation has settled twice in recent history in the same area and was repaired around 1990 and then again in 1998 by drilling caissons under foundation. Repairs are still needed to CMU in this area. Minor cracks have since been found in "B" Cluster and the main building.**

- Are you aware of any roof problems or roof leaks? Y or N
- Is/are your roof/roofs still under warranty? Y or N. If yes, how much longer?

Description:

Roof on entire facility is in need of replacement and PSC has design ready, awaiting funding.

- Are all your doors and windows operable? Y or N
If No, give examples and locations where they are not operable:

6) Gas Piping

Descriptions:

believe this may be due to clay pipe sewer line being broken or clogged. Kitchen equipment (stoves, ovens, etc.) are in need of replacement. traps at this facility. Have received several complaints concerning maintenance issues (gas etc, workers, traps, etc.)

- Have vertical transportation systems been inspected (elevators, chairlifts)? Y or N. Can you make available Inspection Reports? Y or N. **NOT APPLICABLE**

Description:

- Have you had any problems with your fire alarm or security systems? Y or N
How are they monitored? **Security system is monitored by MP station via dedicated line. Fire Alarm system is monitored by fire station by Monaco BT2-3 transceiver.**
Phone lines are not reliable.

Description: Fire panel is Notifier AFP-200 with addressable devices.
Security panel is Sonitrol 3500.

- On the outside of your building, are you aware of any dangerous or maintenance problem areas around the building whether due to traffic, storm water, tripping hazards, etc? Y or N

Description: In recent history, we have had a couple of injuries due to "storm drain cleanouts" being removed or damaged by mowing equipment and some minor injuries due to persons stepping into these holes.

- Are you aware or do you suspect the presence of mold in your building? Y or N
- Has an indoor air quality study been done on this facility and do you have a test report? Y or N If yes, please provide.

Description:

- Have you had continual problems with the following plumbing items:
Please give examples and locations where "Y"

- | | | |
|----------------------|----------------------------------|-----------------------|
| 1) Sewer Lines | <input checked="" type="radio"/> | <input type="radio"/> |
| 2) Bathroom Fixtures | <input checked="" type="radio"/> | <input type="radio"/> |
| 3) Water Pipes | <input checked="" type="radio"/> | <input type="radio"/> |
| 4) Kitchen Equipment | <input checked="" type="radio"/> | <input type="radio"/> |
| 5) Grease Traps | <input checked="" type="radio"/> | <input type="radio"/> |
| 6) Gas Piping | <input checked="" type="radio"/> | <input type="radio"/> |

Descriptions:

We have had some recurring problems with external sewer lines in the area of the kitchen. We believe this may be due to clay pipe sewer line being broken or collapsed partially. Some major kitchen equipment (stoves, ovens, etc.) are in need of replacement. We do not have grease traps at this facility. Have received several complaints concerning bathroom fixtures, mainly maintenance issues (gaskets, washers, traps, etc.)

- Do you get many complaints of "too hot", "too cold" and "stuffy" and if so, what part of the building?
 Y or N

Description:

The majority of these complaints are from the original building areas which are served by an aging pneumatic control system. We are in the process of a design for DDC controls.

- Have recurring mechanical equipment problems been experienced? Y or N Has a piece of equipment recently failed or been replaced? Y or N

Descriptions:

- Have you experienced continual or maintenance related problems with breakers, fuses, or overloaded circuits? Y or N

Examples:

Recently, this facility has had some problems with lights/power flickering. Local utility company has tried to assist tracing down and acknowledges a problem, but still unable to find.

- Do you have any utility metering information that you can provide us? Y or N

- Do you have adequate lighting and power for your classrooms, labs and library? Y or N

Examples

There is not adequate power in this facility to support the number of recently added LAN drops. Major power upgrades are needed.

RETURN TO:

Parkhill, Smith & Cooper, Inc.

c/o Allan Wolf

4222 85th St.

Lubbock, TX 79423

Return by: _____

ANNE

DDESS Facility Assessment
Mudge Elementary
Fort Knox, Kentucky

Pre-Survey Questionnaire

Please circle Yes or No and describe problem and area of the building where present if applicable.

Leak - walkway - In front of main building doors leading to clusters where cluster walkways join main walkway.
Leak - main building - area near Rooms 1-3, Room 11, Cluster C - Room 19 leaking duct Gym - urinal leaks in boys bathroom

Cracks - The Leaks from precipitation and the major cracks in the buildings are inconsistent from room to room. The biggest problems are heating system and air conditioning are in consistent from room to room. The biggest problems are heating and air conditioning problems.

Please list approximate age of building and building additions.

41 years old (1961) Library Gym

Main building
walkway area near
rooms 1, 2, 3, 4

Cluster B
Room 15

Cluster D

Room 25

Gym

Office and
through floor
cracking and
missing.

Cluster C

Rm 19

Are you aware of any structural problems in the building related to columns, beams, floor slabs, roof decking, load bearing walls or foundations? Yes No See cracks listing on left column of this page.

Description:

See cracks listed on left hand side. All clusters have outside cracks, as well as the main building. The gym has floors in office and bathroom cracking and coming up.

Are you aware of any roof problems or roof leaks? Yes No
Is/are your roof/roofs still under warranty? Yes No If yes, how much longer?
Roofing over walkway and on buildings needs replacement

Description:

See leaks listing at the top of the page. Also, the drains by the front door of main building and near Room 7 (outside) are constantly clogged.

Are all your doors and windows operable? Yes No
If No, give examples and locations where they are not operable:

Toilets in main building office, nurses office and do not flush well and need continual maintenance

- Have vertical transportation systems been inspected (elevators, chairlifts)? Y or N. Can you make available Inspection Reports? Y or N. *N/A*

Description:

- Have you had any problems with your fire alarm or security systems? Y or N
How are they monitored?

Description:

- On the outside of your building, are you aware of any dangerous or maintenance problem areas around the building whether due to traffic, storm water, tripping hazards, etc? Y or N

Description: *Storm water - main building - front door because of clogged drain water pours over the overhang*

Storm water - safety hazard with children and adults moving from building to building. Clogged drain on outside causes water to be held in area outside nurse's office

- Are you aware or do you suspect the presence of mold in your building? Y or N
- Has an indoor air quality study been done on this facility and do you have a test report? Y or N. If yes, please provide. *February, 1999*

Description:

- Have you had continual problems with the following plumbing items: Please give examples and locations where "Y"

- | | | |
|----------------------|------------------------------------|-------------------------|
| 1) Sewer Lines | <input type="radio"/> Y | <input type="radio"/> N |
| 2) Bathroom Fixtures | <input checked="" type="radio"/> Y | <input type="radio"/> N |
| 3) Water Pipes | <input type="radio"/> Y | <input type="radio"/> N |
| 4) Kitchen Equipment | <input checked="" type="radio"/> Y | <input type="radio"/> N |
| 5) Grease Traps | <input type="radio"/> Y | <input type="radio"/> N |
| 6) Gas Piping | <input type="radio"/> Y | <input type="radio"/> N |

Descriptions:

Drain in the kitchen backs up frequently (near the dishwasher)? In kitchen
Toilets in main building office, nurses office and next to nurse's office do not flush well and need continual maintenance.

- Do you get many complaints of "too hot", "too cold" and "stuffy" and if so, what part of the building? Y or N

Description: both heat and cooling. This is the major complaint in this building is the inconsistencies in

Too hot - Rooms 9, 5, 7 main building Cluster B(1) 13, 17
Too cold - Room 20, 21 (Cluster) Room 6
 Gym - No
 Air conditi.
 Temperatures
 reach 90°
 with fan
 blowing

- Have recurring mechanical equipment problems been experienced? Y or N Has a piece of equipment recently failed or been replaced? Y or N

Descriptions:

- Have you experienced continual or maintenance related problems with breakers, fuses, or overloaded circuits? Y or N

Examples: Night custodian reports lights that flicker, power surges and electricity goes off frequent.

- Do you have any utility metering information that you can provide us? Y or N

- Do you have adequate lighting and power for your classrooms, labs and library? Y or N

Examples Not enough outlets for classrooms in all buildings. Need recessed lighting - All buildings have old florescent lighting.

RETURN TO:

Parkhill, Smith & Cooper, Inc.
 c/o Allan Wolf
 4222 85th St.
 Lubbock, TX 79423

Return by: (Jan. 6th to On Site Survey Team)
 6075