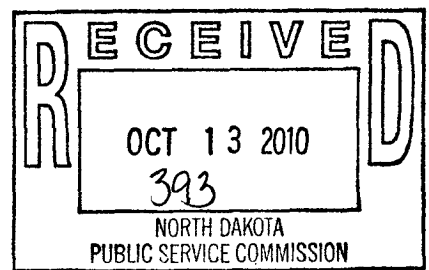


Material Testing Services, LLC



October 11, 2010

Attn: Mr. Tim Oswald:
AML Division
ND Public Service Commission
600 East Blvd Ave, Dept. 408
Bismarck, ND 58505-0480

re: **Structural Inspections**
2010 Williams County Road 9 AML Project Phase V
Williston, North Dakota
Laboratory Number W10-056

Dear Mr. Oswald:

As required, we have completed the structural inspections for the referenced project. An initial or pre-grouting structural inspection was performed on the Lynch property on June 21, 2010. Final or post-grouting inspections were performed on the Lynch and Kihle properties on October 1, 2010. The pre-grout inspection was conducted on the Kihle residence during the 2009 contract on August 10, 2010. Enclosed are the notes and video of the Lynch property taken during the initial inspection. Notes and video taken from the Kihle property were enclosed in the 2009 report.

James & Terri Kihle (5225 134th Avenue Northwest)

An initial property inspection of the Kihle residence was conducted August 10th, 2009. The house and detached garage were viewed. The interior and exterior spaces were viewed. Cracks from past movement were noted. The structures appeared to be in fair condition.

The post grouting inspection was conducted on October 1st, 2010. During the post grouting inspection, the structures were rechecked to determine if existing cracks had changed or if additional cracks had formed. In our opinion, the property at the completion of the grouting was in the same or similar condition as found prior to grouting. In addition, Mr. James Kihle stated that he had not noticed any changes.

Dorothy and Nick Lynch 13175 50th Lane Northwest)

An initial property inspection of the Lynch residence was conducted June 21st, 2010. There was a house, an abandoned house, garage, and some sheds at the property. Only the house was thoroughly checked. The other structures were in very poor condition. Cracks from past movement were noted. The house structure appeared to be in fair condition.

The post grouting inspection was conducted on October 1st, 2010. During the post grouting inspection, the structures were rechecked to determine if existing cracks had changed or if additional cracks had formed. In our opinion, the property at the completion of the grouting was in the same or similar condition as found prior to grouting. In addition, Mr. Nick Lynch stated that he had not noticed any changes.

Please call if you have any questions or need additional information.

Sincerely,
MATERIAL TESTING SERVICES, LLC

A handwritten signature in black ink, appearing to read "S. Wald".

Steven A. Wald, PE
Managing Partner

Enc: Notes, DVD

53 AM-10-39 Filed 10/13/2010 Pages: 4
Structural Survey Report for Williams County Rd 9 Phase 5 Project
Material Testing Services, LLC

P.O. Box 634
Minot, North Dakota 58702
701-852-5553

P.O. Box 14516
Grand Forks, North Dakota 58208
701-746-6398

P.O. Box 1093
Williston, North Dakota 58802
701-572-4226

NICK LYNEA 6/21/10

HL - HAIRLINE

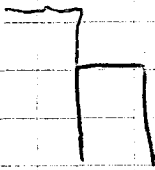
UPSTAIRS
1ST ROOM



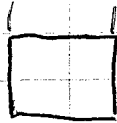
CLOSET DOOR, HL ON RT SIDE



- OTHER DOOR TO RT OF CLOSET (COULDN'T OPEN)
CRACK ON (HL) LEFT SIDE (BATHROOM)



MAIN DOOR, $\approx \frac{1}{8}$ " CRACK ON LEFT SIDE



NORTH WINDOW, CRACKS & LOOSE TAPE AT TOP
HL TO $\frac{1}{16}$ "

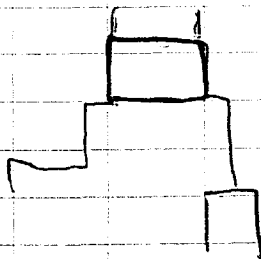


SOUTH WINDOW
HL CRACKS AT BOTTOM & TOP

- MINOR HL CRACKS VIEWED ALONG BEAM OR SUPPORT WALL SEVERAL
- CRACK ON RT SIDE OF STAIRWAY (ON WALL), $\approx \frac{1}{16}$ ", AND LEFT SIDE

BEDROOM (EAST ROOM) UPSTAIRS

- TAPE LOOSE & CRACK IN SE CORNER, FLOOR TO CEILING



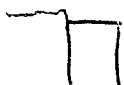
- SOUTH WINDOW, CRACKS BELOW WINDOW AND ABOVE WINDOW
 $\approx \frac{1}{16}$ "



- N. WINDOW - HL CRACK ON WEST SIDE



CLOSET DOOR, RT SIDE, HL (BOTH SIDES)



BATHROOM DOOR INTO WEST ROOM, CRACK AT TOP

- CRACK IN SW CORNER OF RETURN - ABOVE - HL

EFFICIENCY LINE-22-203



NICK LYNCH 6/21/10

- WOOD FRAME HOUSE, WOOD FOUNDATION WALLS ON CONCRETE FTG
- INTERMEDIATE SUPPORTS WERE CONCRETE BLOCK ON CONCRETE FTG PAD (CRAWL SPACE) - BLOCKS WERE NOT STACKED PLUMB
- HOUSE IS IN FAIR CONDITION
- OUT BUILDINGS ARE IN VERY POOR CONDITION

- ① GARAGE
- ② OLD HOUSE
- ③ SHEDS

- SEWER SYSTEM ON EAST SIDE

- WATER ↓ TELEPHONE SERVICE ON NORTH SIDE OF HOUSE, RUNNING
E-W ELECTRICITY

- WELL ↓ RURAL WATER

- NICK LYNCH PRESENT

- ARRIVE - 9:20 LEAVE: 11:00 6/21/10

- GRAVEL ROADS/DRIVEWAY

- REINSPECT OR POST GRADING 10/1/10

- HOUSE APPEARED IN SAME CONDITION



NICOLE LYNCH 6/21/10



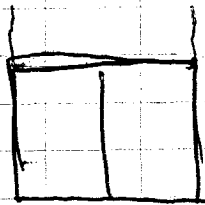
CRACKS ABOVE DOOR INTO UTILITY / BSMT ($< \frac{1}{16}$ ")



LAUNDRY ROOM DOOR, BOTH SIDES, HAIRLINE TO $\frac{1}{16}$ "



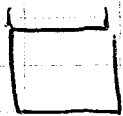
KITCHEN SINK WINDOW, $\frac{1}{16}$ " CRACK BELOW WINDOW



PATIO DOOR, HAIRLINE VERT CRACKS ABOVE DOOR

- LOOSE TAPE ABOVE TV IN LIVING ROOM (SE CORNER)

$\approx \frac{1}{16}$ " CRACK ON N WALL (LEFT OF WINDOW) IN MAIN FLOOR BEDROOM, FLR TO CEILING



HAIRLINE TO $\frac{1}{16}$ " CRACKS ABOVE EAST WINDOW IN MAIN FLOOR BEDROOM

- HAIRLINE CRACK IN NE CORNER OF MAIN FLOOR BEDROOM



CRACKS ABOVE CLOSET DOOR IN MAIN FLR BED BOTH SIDES

- HAIRLINE CRACKS ABOVE BATHROOM DOOR AT CORNERS, ONLY EXTENDS UP A COUPLE INCHES

- CRACK IN SW CORNER OF ENTRANCE AT CEILING, DOWN ABOUT 3' FEET OR MORE