

APR
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No April Fool this but under control over night

PSYCHONEUROIMMUNOLOGY:
REPRESSION OF THE IMMUNE SYSTEM
BY AN IMMUNOSUPPRESSANT COUPLED
WITH PSYCHOLOGICAL CONDITIONING

HYPOTHESIS

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BY JANE DUNNAN

A potentially disastrous situation developed Tuesday, April 1, at the city water plant, but due to the efforts of state and city personnel, engineers, and a 24-hour vigil, the situation was brought under control.

BY WEDNESDAY MORNING, a gaping hole was discovered in the top of the dam at the lower lake, measuring approximately four feet by five feet around and eight feet deep. Two flows of water which were very close to each other at this point in the dam had eroded the structure causing the break. Both flows from the lake were from different directions, one from the easterly direction and the other from the south. They were visible and still flowing Thursday morning at the base of the dam, but much diminished due to the lowering of the lake level. By Friday night both flows had ceased.

ALERTED to the gravity of the situation, City Superintendent Gayle VanLandingham called Secretary Clyde Baldwin of the Division of Water in Frankfort, who dispatched Russell Hensad who arrived in Carlisle about 11 a.m. Wednesday. Arriving from Lexington were Ben Fister of GRW Engineers, and Craig Avery of Fuller, Mosbarger, Scott-May, Civil Engineers, Lexington, who specialize in working on dams. All agreed that the lake should be lowered. This was achieved by cutting off the pump from Licking River, and pumping solely from the lake. Starting about 3 o'clock Wednesday afternoon, a 24-hour monitor was initiated with lake levels checked every 30 minutes. By 7 a.m. Thursday morning the flow into the hole had subsided considerably and the lake level was down about one and one-half inches.

A SPECIAL CALLED MEETING of Council was held Wednesday evening with all members, except Councilman Clarence Cord, present. Hensad, Fister, Craig and Don Hassall of Bluegrass ADD attended the meeting.

Council voted to go ahead with Phase II of the comprehensive, long-range plan for updating the water plant. The plan was drafted in 1979. Phase I of that plan — was complete

Tamila Anderson Fair winner here

Miss Tamila Anderson, daughter of Mr. and Mrs. Lyle Anderson, a junior at Nicholas County High School, won first place overall honors at the annual 23rd Kentucky Northeast Regional Science Fair held at Morehead State University in April 5. Approximately 40 schools participated in the fair.

Tamila, whose first place project was entitled "Psychoneuroimmunology: Repression of the immune system by an immunosuppressant coupled with psychological conditioning." She also won the American Microbiology Association Award, the U.S. Marine Award, and Best Biology Award.

Miss Anderson will travel to Dallas, TX May 11-12 to take part in the International Science and Engineering Fair.

Miss Kathy Green, biology teacher at Nicholas County High School, was the sponsor for the project. She won the Outstanding High School Teacher Award.

Other winners and awards were: Patricia Browning, daughter of Mrs. Linda Tedder, first place Army Life Science Award, and first place award in Behavioral and Social Science category. Also fourth place overall Science Fair award medal.

Angela Buckner, daughter of Mrs. Paula Buckner, American Nursing Association Secretary's Award, first place Navy Science Award, first place award in Medicine and Health category, and third place overall Science Fair award medal.

"Cindy Harmon, daughter of Dr. and Mrs. Allan Harmon, Air Force Honorable Mention, and first place

award in Zoology category. Michelle Mattes, daughter of Mr. and Mrs. Kenneth Mattes, Chemistry Association Outstanding Chemical Analysis Award.

Honor Society Inductees

The Nicholas County High School Chapter of the National Honor Society initiated seven juniors and one senior into its ranks in ceremonies at the high school last Thursday. Pictured above, Lynn Reynolds, daughter of Mr. and Mrs. Sam Reynolds, lights a candle during her initiation. Matthew Guthrie, a senior Society member looks on.



Recognized

Senior members of the Nicholas County High School chapter of the National Honor Society are Amy McFarland, Michelle Clark, Angie Buckner and Matthew Guthrie. —Guthrie Photo



A 'hole' lot of talk

Steve McKinley, engineer with GRW Engineers of Lexington, is discussing the condition of the hole in the dam at the city lake with City Superintendent Gayle VanLandingham and City Councilman Barry Barton. This picture was taken last Thursday morning. —Guthrie Photo

in 1979, but Phase II, which is the engineering survey and core drilling, was never undertaken due to expense involved. Phase I survey termed the dam "high hazard" but not an emergency.

Following the meeting Councilman and the Mayor Lee Bentz regrouped at the water plant to view the situation first hand. That night Mayor Bentz contacted three residents, Elze Shoen, Randall Blair and John Hall, all who live below the dam on the Lower Jackson Road due to the dam break.

THURSDAY MORNING, engineers began core drilling along the full length of the dam to determine its structural soundness. Soil was

tested as it was brought up in the testful cylinders. One other weak spot was detected in the 1910 dam, but not of the same degree as the present breach.

It was determined that the hole could be repaired by grouting to the existing walls of the dam.

That night, (Thursday) VanLandingham went to Winchester to get auction pipe belonging to the state. It was initiated Friday and water was drained from the lake into Brandy Fork Creek lowering the level considerably. The state had suggested the lowering of the level to four or five feet to lessen the pressure on the dam. Then in case of rain, which was predicted, the level would not become too high. VanLandingham

commented that the one good coming from the situation was that the creek needed the water that drained from the lake.

The pipes were left in place over the weekend and pumping was from the lake.

MONDAY VANLANDINGHAM stated pumping was directly from the river into the filtration plant. The level of the lake will remain down as recommended by Hensad. Core samples were still being taken Tuesday.

VanLandingham reports that thaws will neither water hauling nor city water customers were inconvenienced in any way, nor was water service interrupted since the hole was discovered.



Dry bed, almost

The water level of the city lake was lowered four or five feet last week in order to prevent possible flooding through a hole that was discovered in the dam. A suction pipe, visible in the foreground, was one of several used to lower the water level. This shot was taken Sunday afternoon. —Guthrie Photo

Rep. Arnold announces road shoulder repairs

State Rep. Adrian Arnold, Mt. Sterling, recently announced that the state will stabilize the shoulders and backstop the three-mile section of KY 36 in Nicholas County, from downtown Carlisle to U.S. 58.

Arnold said the road repairs resulted from concerns about the safety of the existing shoulders and the need for improvement. "This project will strengthen and widen the shoulders and provide an adequate area for motorists to pull off the roadway if necessary," Arnold said. "If the right-of-way can be obtained, I have also requested turn lanes at Nicholas County Hospital and Blue Grass Industries."

State Transportation Secretary C. Leslie Dawson said the project should begin this spring and is estimated to cost \$140,000. He also commented, "Other road improvements are needed in the area, and we will be in contact with Rep. Arnold and other local officials to discuss their further needs."

"This road improvement should help attract industry to locate in Nicholas County," Arnold said.

Arnold further stated that the county judge, mayor and many citizens of Nicholas County had been in touch with him requesting that money be appropriated for improvements on this road, where numerous accidents

have happened over the years.

"I'm very pleased that we were able to get the money for the improvements. I had to work hard to see that this was done, and it's very rewarding to know that that hard work paid off," Arnold stated.

Democratic Party meeting Saturday

The Nicholas County Democratic Executive Committee will meet at Nicholas County Courthouse April 12, at 1 p.m. in the small courtroom, according to Kimball Booth, Nicholas County chairman.