

McBURNEY WELL DRILLING

3697 TODDVILLE ROAD
TODDVILLE, IOWA 52341

PHONE 393-3320

Randy Burke
Linn County Conservation Department
1890 County Home Road
Marion, Iowa 52302

March 7, 1994

Dear Randy;

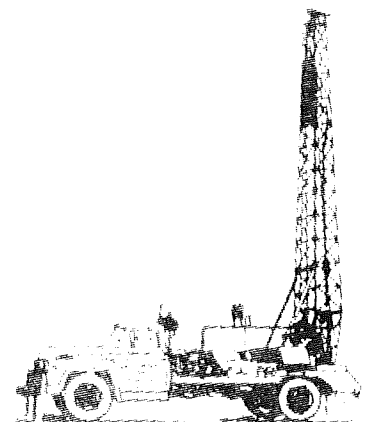
We always keep a record of every well we drill so we have records of all the wells we did for your department. The well record for Buffalo Creek Park in Coggon is as follows:

- 200 ft. deep
- 19 ft. to rock
- 60 ft. of 6" Steel
- 73 ft. of 5" steel
- 160 ft. pump setting
- 30 GPM on the bottom
- 6" finished hole size

If we can be of further assistance, please feel free to call. Thank you.

Sincerely,

Kay Sherman
Secretary



FAST ROTARY DRILLING

STATE OF IOWA
DEPARTMENT OF NATURAL RESOURCES
HENRY A. WALLACE BUILDING
DES MOINES, IOWA 50319

93 MAY 10 AM 6:58

CONSERVATION DEPT.
LINN COUNTY

CONSTRUCTION PERMIT

BUFFALO CREEK, W.S. #01-5
LINN COUNTY CONSERVATION
1890 COUNTY HOME ROAD
MARION, IA 52302

PERMIT: 93-177-W
PROJECT: W93-171

In accordance with the provisions of Sections 455B.173.9 and 455B.174.4, Code of Iowa, and Rule 567--43.3(455B) of the Iowa Administrative Code, the Director of the Department of Natural Resources does hereby issue a permit for the construction of:

WATER SUPPLY WELL RATED AT 40 GPM (200 FEET DEEP AND 6 INCH DIA.) AT
BUFFALO CREEK PARK, LINN COUNTY, IOWA.

NOTICE: The issuance of this construction permit is based SOLELY on the engineer's certification that all aspects of design included in the project meet the requirements of all applicable state and federal laws and regulations. An advisory review of the plans and specifications may be made at a later date.

The construction of the project shall be initiated within one year of issuance of this permit or this permit is no longer valid. Within thirty days after completion of construction, the permit holder shall submit a certification by a registered professional engineer that the project was completed in accordance with the approved project documents.

Pursuant to Section 455B.174.4, Code of Iowa, you have the right to appeal any condition of this permit by filing with the Director of the Department of Natural Resources a notice of appeal and request for administrative hearing within thirty days of receipt of this permit.

Contact Jacob K. Mathew at 515/281-8953 with any questions or comments.

For the Department of Natural Resources:

Larry J. Wilson, Director

By: 
ENVIRONMENTAL PROTECTION DIVISION

MAY 3, 1993

Date: _____

cc: LINN COUNTY ENGINEER
FIELD OFFICE: 1 Manchester



TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

May 3, 1993

LARRY J. WILSON, DIRECTOR

BUFFALO CREEK, W.S. #01-5
LINN COUNTY CONSERVATION
1890 COUNTY HOME ROAD
MARION, IA 52302

93 MAY 10 AM 6:58
CONSERVATION DEPT.
LINN COUNTY

RE: Site Survey for Water Supply Project # W93-171

Gentlemen:

Enclosed is a report of a well site survey for the above referenced project. The survey was conducted by an environmental specialist from our field office located in Manchester.

Based on the contents of this report we are hereby approving the sanitary aspects of the proposed site subject to the following conditions:

1. The well must be located no closer than 100 feet from the bathrooms and associated cement vaults.
2. All potential sources of contamination listed in Table A chapter 43 of Iowa Administrative Code must be prohibited within the distances as indicated therein, from the well during the life of the well.
3. An earth berm of at least 15 feet diameter around the well must be formed to divert drainage away from it.

More detailed engineering investigations may warrant additional consideration in the future.

Please note that section 455B.183, Code of Iowa, and Subrule 567--43.3(4) of the IAC also requires that construction permit must be obtained from this Department prior to commencing construction of any water main extension or storage facilities. If plans and specifications have not been submitted, they must be prepared by a registered professional engineer holding a valid Iowa registration and submitted to this Department to obtain the permit.

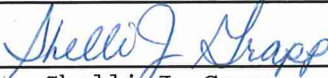

Contact Jacob K. Mathew at 515/281-8953 or the field office in Manchester at 319/927-2640 if you have any questions or comments.

Sincerely,

DENNIS J. ALT, SUPERVISOR
WATER SUPPLY SECTION

cc: LINN COUNT ENGINEER
Field office: 1 Manchester

IOWA DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION DIVISION
 REPORT OF INVESTIGATION DNR FORM 57

INVESTIGATION DATE Current: 04-23-93		FROM: FIELD OFFICE #1 817 West Fayette Street Manchester, Iowa 52057 Telephone: 319/927-2640	
FACILITY: Buffalo Creek Park			
		Persons Contacted:	
TO: Jacob Mathew Water Supply Section DNR, Des Moines		Randy Burke, Planner	
RE: Well Site Survey			
SUSPENSE DATE		SIGNATURE	
			
		Inspector: Shelli J. Grapp	
			
		Reviewer: Ron Stellick	
		DATE	
		4-23-93	
		4-23-93	
DISTRIBUTION: Field Office: Central Office			

File

Date Copy Mailed: APR 23 1993

OBSERVATIONS/RECOMMENDATIONS

The proposed well site is for a deep well located in an area in the park that is currently maintained as lawn. The observations made and comments received during this visit are noted below:

1. The county owns the land within 200 feet of the well site.
2. Drainage must be away from the well in all directions for a minimum radius of 15 feet. Since the proposed site is on a slope, it may be necessary to develop the area surrounding the site to meet this requirement.
3. All of the required separation distances specified in Table A of IAC 567--43.3(7)b(1) are currently met.
4. Mr. Burke indicated that the site they were planning to use was a general location, with the exact site not yet identified. There should be no problem with this as long as the 200 foot radius of control is maintained and the the well is located at least 100 feet from the bathrooms where there are cement vaults.

If Items 2 and 4 are adequately addressed, the proposed well site is recommended for approval from a sanitary standpoint.