

RECORD OF RESOLUTIONS

Resolution No. 26-2022

Passed: August 9, 2022

A RESOLUTION AUTHORIZING THE CITY MANAGER TO SUBMIT A PROJECT APPLICATION AND EXECUTE CONTRACTS FOR OBTAINING GRANTS FROM OHIO PUBLIC WORKS COMMISSION FUNDS ALLOCATED TO THIS AREA OF THE STATE FOR THE WATER WELL #5 REPLACEMENT PROJECT.

WHEREAS, the City Council wishes to seek funds to assist in the cost of construction of the Water Well #5 Replacement project; and

WHEREAS, funds are available from Ohio Public Works Commission funds for infrastructure improvements.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF WEST CARROLLTON, MONTGOMERY COUNTY, OHIO:

SECTION 1: That the City Manager is hereby authorized to submit a project application for Ohio Public Works Commission infrastructure improvement funds for the Water Well #5 Replacement project and to provide such information as may be requested by the District 4 Public Works Integrating Committee or by the State Commission, Directors, or Administrators.

SECTION 2: That the City Manager is further authorized to execute a contract with the Ohio Public Works Commission to receive funds for the project described in the application.

SECTION 3: That the City anticipates providing matching funds as detailed in the application.

SECTION 4: That the City is willing to pay the expenses of District 4 as contained in Standing Rule VIII of the District 4 Integrating Committee (the fee amounts to 1% of the Ohio Public Works Commission funds granted to the City).

SECTION 5: That the City understands that any cost overruns on the project will not be funded by the Ohio Public Works Commission District 4 Committee.

SECTION 6: That the City agrees to meet the reporting requirements contained in Section III of the Standing Rules of the District 4 Committee.

SECTION 7: That the City Manager is further authorized to submit, if requested for funding, copies of the inventories of existing capital improvements, or infrastructure facilities, and a plan that sets forth capital improvement needs for a five-year period.

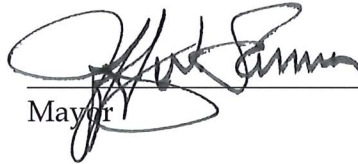
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SECTION 8: That this resolution shall be in full force and take effect immediately upon its adoption.

Passed: August 9, 2022



Mayor

Attest: 

Clerk of Council

Effective Date: August 9, 2022

CERTIFICATE

The undersigned, Clerk of Council of the City of West Carrollton, Ohio, does hereby certify that the foregoing Resolution is a true and correct copy of Resolution No. 26-2022 adopted by Council on this 9th day of August 2022.

Clerk of Council

Date: _____



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

May 19, 2021

Re: West Carrollton City Public Water System
Plan
Approval
Well Site Approval
Drinking Water Program
Montgomery County
PWS ID: OH5702812
Package Number: 1359782

Mr. Tom Scherack
Utility Superintendent
City of West Carrollton
300 East Central Avenue
West Carrollton, Ohio 45449-1806

Subject: Well Site Approval for Well# 005; Facility ID# 5756636; Community

Dear Mr. Scherack:

On August 13 and October 29, 2020, Megan Marhelski, Allison Reed, and John McDaniel participated in virtual meetings with you and Rich Norton (West Carrollton Service Director) to review a well site for proposed Well #005 to serve West Carrollton City PWS. The proposed well site is located at 101 Pierce Street in the city of West Carrollton. A map of the site showing the proposed well location is attached and is being included herein for documentation. The proposed well site complies with the requirements of the Ohio EPA in accordance with Ohio Administrative Code (OAC) Chapter 3745-9 and the proposed well site is hereby accepted subject to the following conditions.

1. The sanitary isolation radius is determined from the estimated average daily water demand of 1,212,000 gallons per day. Based upon this, the owner of the water supply shall maintain ownership or obtain an easement or lease of all land within a 300-foot radius of any permanent production well installed at this site in accordance with OAC Rule 3745-9-04. The final isolation radius will be established as a condition of the well's final plan approval.

Where this radius extends beyond the public water system's property boundary, the owner of the public water system must have a recorded easement or lease with the landowner that sanitary control will be maintained around the well within the isolation radius.

2. The use of all land within this 300-foot isolation radius must conform to the requirements of the Ohio EPA. More specifically, this land shall be maintained such that no new potential sources of contamination are established within the isolation radius as determined under OAC Rule 3745-9-04. In addition, an inner management zone and drinking water source protection area will be identified for this well in the Source Water Assessment Report that will be prepared by Ohio EPA. OAC Rule 3745-9-04 outlines additional restrictions on what can be located within the isolation radius and the drinking water source protection area.

3. Well construction must comply with all Ohio EPA Water Well Standards, OAC Rules 3745-9-01 through 3745-9-09. You can view these rules on the internet at www.epa.ohio.gov/ddagw/rules.aspx.

The well may be drilled using the dry driven grout method. The well must be properly grouted in accordance with OAC Rule 3745-9-07, which requires that all annular spaces be completely filled with grout from the ground surface to the bottom of the annular space. All annular spaces shall be of sufficient size so that the grout can be properly placed per OAC Rule 3745-9-05).

4. Submit a copy of the Pumping Test Report conducted as required by OAC Rule 3745-9-09(B)(6) prior to submitting detail plans. Send the Pumping Test Report to Megan.Marhelski@epa.ohio.gov within 60 days of the completion of the pumping test.

In accordance with OAC Rule 3745-9-09(B), a pumping test must be performed to determine the performance of the well. The pumping test is to be conducted at the time the well is drilled. The pumping test shall be conducted in accordance with the following requirements.

- a. First a step drawdown test shall be conducted in accordance with OAC Rule 3745-9-09(B)(4)(b) with at least three progressively increasing pumping rates of approximately equal duration in order to better determine the rate to be used for the constant rate test. The constant rate pumping test shall be conducted for at least 72 hours for at least 1.5 times the anticipated permanent design pumping rate. In accordance with OAC Rule 3745-9-09(B)(4)(d), the constant rate test may be conducted at a lower pumping rate if the test is conducted at no less than 1.2 times the pump design rate and a demonstration is provided that supports the reasoning for the lower pumping rate.
 - b. In accordance with 3745-9-09(B)(5), water level measurements shall be collected at specified intervals. Additionally, the pumping test must include water level measurements from observation or surrounding wells.
 - c. Well interference should be evaluated by a qualified ground water professional. This evaluation should include a longer-term constant rate test and preparation of a ground water flow model. Therefore, Ohio EPA recommends completing a 72-hour constant rate pumping test to evaluate aquifer conditions and water level responses in the field. A draft scope of work prepared by a qualified ground water professional should be submitted to Ohio EPA for our review at least 30 days prior to the commencement of the pumping test.
5. Collect the new well chemicals at the end of the pumping test in accordance with OAC Rule 3745-9-09(C). Ensure the samples are analyzed at a laboratory certified by the State of Ohio and the sample results are submitted electronically to Ohio EPA. Notify Ohio EPA when the results are received. Ensure that Sample Monitoring Point (SMP) identifier **RS005** is used on the laboratory Sample Submission Report forms.
 6. Detail plans prepared in accordance with OAC Chapter 3745-91 of well construction, upper terminal development, chlorination facilities, and any other treatment shall be approved by the Ohio EPA prior to placing the well and any associated treatment facilities into service. As a requirement of this detail plan approval, it will be necessary to submit the following, along with the three copies of the plans:
 - a. A copy of any deed or other document showing the ownership and sanitary control of the prescribed isolation area as required by OAC Rule 3745-9-04. Submit a copy of any deed or other legal document(s) showing the ownership and sanitary control of the prescribed isolation area as required by OAC Rule 3745-9-04 to DDAGW prior to the commencement of drilling activities.
 - b. A copy of the well log that shall be filed with the Ohio Department of Natural Resources (ODNR) as required by Section 1521.05 of the Ohio Revised Code.
 - c. The well must be disinfected and bacteriologically tested in accordance with OAC Rule 3745-9-08. Results from two consecutive total coliform samples collected from the well at least 30 minutes apart and analyzed in an Ohio EPA certified lab must be provided with the detail plans.
 - d. Any applicable specifications required for Detail Plan Approval in accordance with OAC Rule 3745-91-04.
 - e. A completed copy of the attached water supply data sheet as required by OAC Rule 3745-91-05.
 - f. The Plan Approval Fees which is equal to \$150 plus 0.35% of the estimated water project cost, made payable to the Treasurer of the State of Ohio [$\$150.00 + (.0035 \times \text{estimated water project cost})$]. In addition, if the well is part of a public water system requiring a license under Chapter 6109 of the Ohio Revised Code, include a \$20 Well Log Fee in the fee calculation. Ohio EPA collects this fee for ODNR in accordance with Section 1521.05(G) of the Ohio Revised Code.
 - g. OAC Rule 3745-87-02 requires any public water system applying for Drinking Water State Revolving Fund assistance to include a written description of the asset management program

with the submission of the general or detail plans required under OAC Chapter 3745-91. The AMP must demonstrate the technical, managerial and financial capability of the system and be accepted by Ohio EPA prior to funds being allocated.

7. Additional treatment or another water source may be required depending on the results of the chemical analysis. Please note that if the proposed water system will include treatment then the corresponding waste stream(s) will need to be properly disposed. You will need to contact the Division of Surface Water at (937) 285-6357 to discuss waste disposal methods.
8. Section 1521.16 of the Ohio Revised Code requires any facility with the capacity to withdraw 100,000 or more gallons per day register with the ODNR's Water Withdrawal Facilities Registration Program. If the capacity of the pump is greater than 70 gallons per minute, or the proposed pump in combination with the other well pumps in the well field is greater than 70 gallons per minute, the facility must register with the ODNR Water Withdrawal Facility Registration Program.

The capacity of the well pump(s) at this facility can withdraw over 70 gallons per minute or the proposed pump in combination with the other well pumps in the wellfield can withdraw over 70 gallons per minute, therefore you will be required to register with ODNR's Water Withdrawal Facility Registration (WWFR) Program. Please contact ODNR at (614) 265-6745 for registration information or see the ODNR webpage for WWFR information at: <http://water.ohiodnr.gov/water-use-planning/water-withdrawal-facilities-registration>.

9. A community water system that provides water to a political subdivision of Ohio and serves a minimum of two hundred and fifty people must develop a drinking water source protection plan or update a previously endorsed drinking water source protection plan (i.e., wellhead protection plan) when the system receives plan approval for use of the well, as required by OAC Rule 3745-91-10.
 - a. West Carrollton's drinking water source protection plan was endorsed by the Ohio EPA on March 9, 1998. In accordance with OAC Rule 3745-91-10, the protection plan shall be updated within two years of receiving plan approval for the use of Well #005.
 - b. In accordance with OAC Rule 3745-91-10, the protection plan update must include education and outreach, drinking water shortage and emergency response, potential contaminant source control strategies and the need for an early warning ground water monitoring program. This should provide a description of the protective strategies and contingencies the city will implement to protect against and respond to potential contamination of West Carrollton's drinking water source by the potential contaminant sources in and around the drinking water source protection area.
 - c. As part of the protection plan update and in accordance with OAC Rule 3745-87-03, West Carrollton shall review their source water assessment to determine if revisions to the drinking water source protection area and/or potential contaminant source inventory are necessary. If revisions are necessary, the city shall contact Megan Marhelski at Megan.Marhelski@epa.ohio.gov to discuss updating the source water assessment.
 - d. In accordance with OAC Rule 3745-87-03, West Carrollton shall estimate the remaining useful life of the current wellfield and identify the funding mechanism and project costs (including design/construction) associated with the development a new water source, which may include wellfield development or water purchase. This evaluation shall be included in the contingency planning section of the protection plan.
10. The following conditions will be added to the plan approval for Well# 005.
 - a. Well# 005 will be considered a replacement well for Well# 001. Well# 005 is to be sized and rated to the current capacity of Well# 001. Approved design capacity of the wellfield will not increase. Our files indicate the current capacity of Well #001 is 1,000 gallons per minute (gpm). Therefore, the approved capacity of Well #005 will be limited to 1,000 gpm.
 - b. Well# 001 must be properly abandoned in accordance with OAC 3745-9-10 within one year of the date for the director's final action approving Well# 005. A copy of the well sealing report that is required by section 1521.05 of the Revised Code shall be submitted to Megan.Marhelski@epa.ohio.gov and John.McDaniel@epa.ohio.gov within thirty days of sealing Well# 001.

This site approval shall become void three years from the date of this letter unless a formal plan approval has been issued.

If a Water Supply Revolving Loan Account (WSRLA) loan is desired, it will be necessary to comply with the requirements of Ohio Revised Code Section 6109.22. If compliance with WSRLA requirements necessitates any revisions to the plans as herein approved, a resubmittal and approval of the plans will be required before construction.

Should there be any questions regarding the requirements, meaning, or interpretation of any of the above which we may clarify, please contact the Division of Drinking and Ground Waters, Southwest District Office, Ohio Environmental Protection Agency.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Treasurer of the State of Ohio", which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, OH 43215

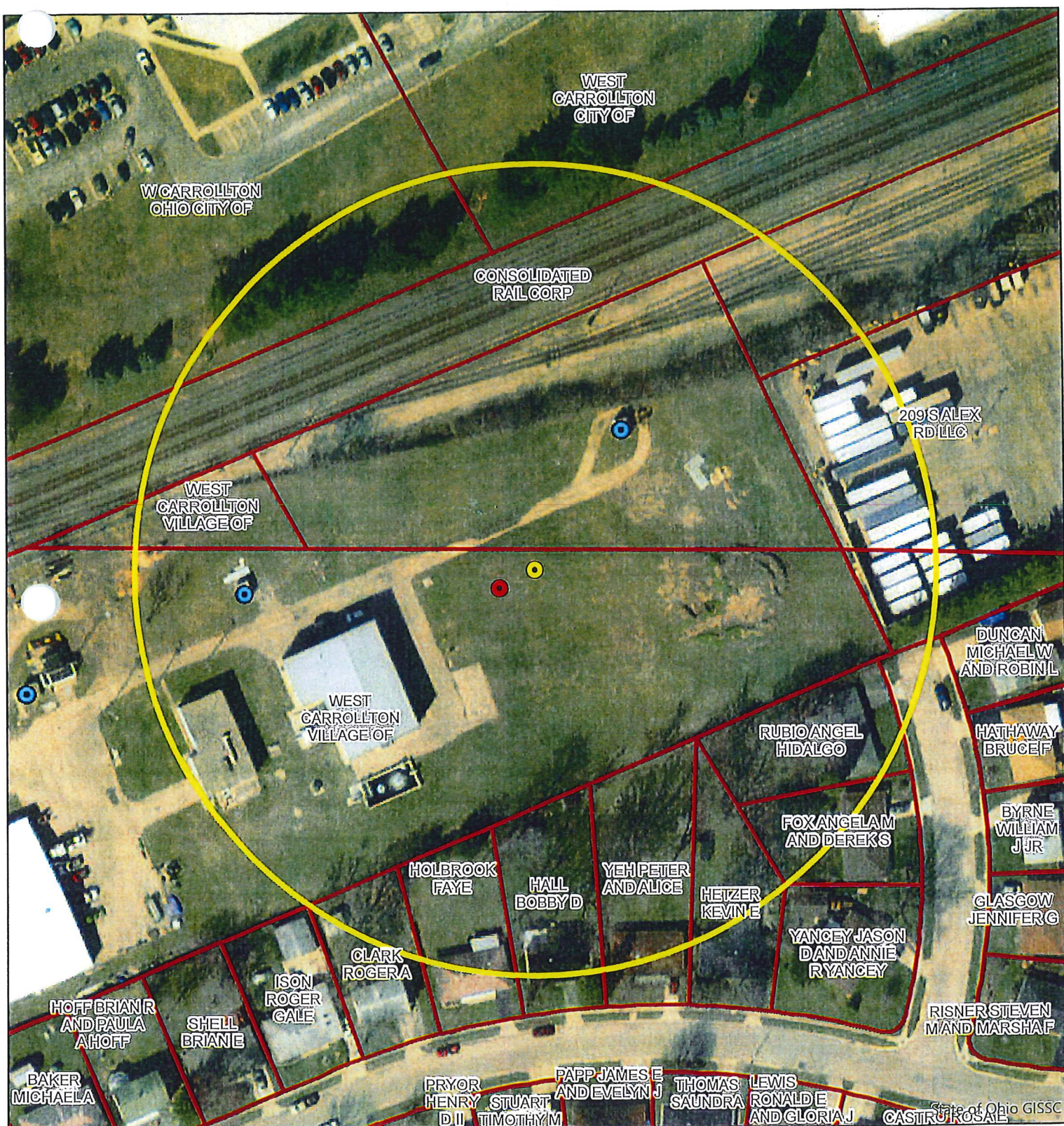
Sincerely,



Laurie A. Stevenson
Director

Enclosures: Well Site Map, Fact Sheet, Water Supply Data Sheet

ec: Megan Marhelski, SWDO-DDAGW
John McDaniel, SWDO-DDAGW
Katie, Moore, SWDO-DDAGW
John Weaver, NWDO-DDAGW
Jeff Davidson, Manager, SWDO-DDAGW
John McGinnis, Manager, SWDO-DDAGW
Montgomery County Health Department



0 50 100 Feet

Active Wells for Public Water Systems

Previous Well Site (Not Approved)

Well Site #5 (newest)

Sanitary Isolation Radius - Well Site #5 (300 ft)

Statewide Parcels

hio
Ohio Environmental
Protection Agency

Preliminary Well Site

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