

REQUEST FOR BOARD ACTION

**HENDERSON COUNTY
BOARD OF COMMISSIONERS**

MEETING DATE: June 27, 2006

SUBJECT: Water and Sewer Line Extension

ATTACHMENTS: **Elkamet, Inc.** Project Summary
County's Review Sheet

SUMMARY OF REQUEST:

The City of Hendersonville has requested County comments on a proposed water and sewer line extension project to serve Elkamet, Inc.

A City of Hendersonville Project Summary sheet, with backup documents and a County review sheet with staff comments are attached for Board review and action.

COUNTY MANAGER'S COMMENTS:

Recommend that the Board take action to support the referenced water and sewer line extension.

**City of Hendersonville - Project Summary
Water Line Extension
Elkamet, Inc.**

Date: April 24, 2006

This is a project to extend existing water lines to provide water service to a proposed industrial site located on Mills Street.

This project is under the reviewing jurisdiction of: **Henderson County.**

This project requires approximately **1,675** linear feet of water line sized as following:

Description:	Approximate Length
8" DIP CL 350	1,675 lf

Fire Protection will be provided by the installation of one (1) fire hydrant.

The entire cost of the proposed water line extension is to be paid for by Elkamet Inc., of Hendersonville NC.

Water pressure and flow in this area is as follows:

Static Pressure:	70 PSI
Residual:	65 PSI
Flow:	890 GPM

Based on the above information, the Water & Sewer department is capable of supporting the additional connections and recommends approval of the project contingent upon approval of the final plans and specifications from the Water & Sewer Department.

A motion is needed to approve and accept this project. Suggest wording is as follows:

I move to accept this water line extension project and to authorize the City manager to execute the water line extension agreement on behalf of the City.

Water & Sewer Department:	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Date: <u>5-9-06</u>
Hendersonville City Council:	<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Date: _____

The undersigned represents this utility extension line request has been evaluated in light of the adopted land use plan for the municipality or Henderson County. In the absence of such a plan for the general area to be served, this extension has been evaluated in terms of its future impact on existing land uses.	
Reviewing Jurisdiction:	
Signing Official:	_____
Date of Review:	_____
<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	
Narrative Comments Provided: <input type="checkbox"/> Yes <input type="checkbox"/> No	

HENDERSON COUNTY REVIEW OF CITY WATER LINE EXTENSIONS

Project Name: Elkamet, Inc.
 Size of Water Line (Main & Distribution Pipe Size): 8" DIP CL 350 - 1,675 lf.;
 County Staff Reviewing Extension: Rocky Hyder, Fire Marshal; Matt Card, Subdivision Admin.; Rodney Tucker, Project Mgr.

Has the project been reviewed under the **County Subdivision Ordinance**? Yes No N/A
 Date reviewed: _____
 Action: _____
 Conditions: _____
 Comments: _____

Has the project been reviewed under the **County Manufactured Park Ordinance**? Yes No N/A
 Date reviewed: _____
 Action: _____
 Conditions: _____
 Comments: _____

Has the project been reviewed under the **County Zoning Ordinance (i.e. Special-Use or Conditional-Use Permit)?** Yes No N/A
 Date reviewed: _____
 Action: _____
 Conditions: _____
 Comments: _____

Is the project subject to **any other County Land Use Ordinance**? Yes No N/A
 If yes, explain: _____

Does the project conform with the **2020 Henderson County Comprehensive Plan (CCP)**? Yes No N/A

Does the project have **adequate hydrant location and spacing**? Pursuant to Section 508.5 of the North Carolina Fire Prevention Code, every portion of the building must be within 400' of a fire hydrant. Yes No N/A

Description of **hydrant type and thread**: Mueller Centurion – National Standard Thread
 Does the estimated flow rate (gpm) meet **fire protection standards**? 840 gallons per minute from one fire hydrant does not provide adequate flow for fire protection purposes (at least one additional hydrant needed). Yes No N/A

BOARD OF COMMISSIONERS APPROVAL

Approved Date of Board Review: _____
 Not Approved Comments: _____
 Conditional Approval (See Comments)

City of Hendersonville - Project Summary
Sewer Line Extension
Elkamet, Inc.

Date: April 24, 2006

This is a project to extend existing sewer lines to provide sewer service to a proposed industrial site located on Mills Street.

This project is under the reviewing jurisdiction of: **Henderson County**.
However, this project will require annexation to be eligible for sewer service.

This project requires approximately **648** linear feet of sewer line sized as following:

Description:	Approximate Length
8" PVC SDR 35	585 lf
8" DIP CL 350	63 lf

Pump station required: yes No

The amount of wastewater generated by this project will be approximately **1,800** gallons per day.

The entire cost of the proposed sewer line extension is to be paid for by Elkamet Inc., of Hendersonville NC.

Based on the above information, the Water & Sewer department is capable of supporting the additional connections and recommends approval of the project contingent upon approval of the final plans and specifications from the Water & Sewer Department.

A motion is needed to approve and accept this project. Suggest wording is as follows:

I move to accept this sewer line extension project and to authorize the City manager to execute the sewer line extension agreement on behalf of the City.

Water & Sewer Department: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Date: <u>5-10-06</u>
Hendersonville City Council: <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Date: _____

The undersigned represents this utility extension line request has been evaluated in light of the adopted land use plan for the municipality or Henderson County. In the absence of such a plan for the general area to be served, this extension has been evaluated in terms of its future impact on existing land uses.

Reviewing Jurisdiction: Henderson County

Signing Official: _____

Date of Review: _____

Approved Disapproved

Narrative Comments Provided: Yes No

**HENDERSON COUNTY
REVIEW OF CITY SEWER LINE EXTENSIONS**

Project Name: Elkamet, Inc.
Size of Sewer Line: 8" PVC SDR 35 – 585 lf.; 8" DIP CL 350 – 63 lf.
County Staff Reviewing Extension: Gary Tweed, Co. Eng.; Matt Card, Subdivision Admin.; Rodney Tucker, Project Mgr.

Has the project been reviewed under the **County Subdivision Ordinance**? Yes No N/A

Date reviewed: _____
Action: _____
Conditions: _____
Comments: _____

Has the project been reviewed under the **County Manufactured Park Ordinance**? Yes No N/A

Date reviewed: _____
Action: _____
Conditions: _____
Comments: _____

Has the project been reviewed under the **County Zoning Ordinance (i.e. Special-Use or Conditional-Use Permit)**? Yes No N/A

Date reviewed: _____
Action: _____
Conditions: _____
Comments: _____

Is the project subject to **any other County Land Use Ordinance**? Yes No N/A

If yes, explain:

Does the project conform with the **2020 Henderson County Comprehensive Plan (CCP)**? Yes No N/A

Since this project will be connecting to the City of Hendersonville Sewer system, I have no objection to the project.
Signed: Gary Tweed, County Engineer.

BOARD OF COMMISSIONERS APPROVAL

- Approved
- Not Approved
- Conditional Approval (See Comments)

Date of Board Review: _____
Comments: _____