

WAS #5

**617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM**

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

- Part 1:** Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.
- Part 2:** Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.
- Part 3:** If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

THIS AREA FOR LEAD AGENCY USE ONLY

DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project:

Part 1

Part 2

Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

- A. The project will not result in any large and important impact(s) and, therefore, is one which will not have a significant impact on the environment, therefore a **negative declaration will be prepared.**
- B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore a **CONDITIONED negative declaration will be prepared.***
- C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore a **positive declaration will be prepared.**

*A Conditioned Negative Declaration is only valid for Unlisted Actions

Town of Alden Water District Number 5

Name of Action

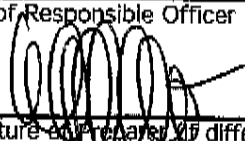
Town of Alden

Name of Lead Agency

RONALD L. SMITH
Print or Type Name of Responsible Officer in Lead Agency

TOWN SUPERVISOR
Title of Responsible Officer

Signature of Responsible Officer in Lead Agency


Signature of Preparer (if different from responsible officer)

PART 1--PROJECT INFORMATION**Prepared by Project Sponsor**

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action Town of Alden Water District Number 5

Location of Action (include Street Address, Municipality and County)

Several areas within the Township of Alden
See attached map titled "Exhibit A".

Name of Applicant/Sponsor Michael J. Metzger, P.E. Metzger Civil Engineering/ Town Engineer 1

Address 8560 Main St.

City / PO Williamsville State NY Zip Code 14221

Business Telephone (716) 633-2601

Name of Owner (if different) Town of Alden

Address 3311 Wende Road

City / PO Alden State NY Zip Code 14004

Business Telephone (716) 937-6969

Description of Action:

The Town of Alden intends to expand its water supply system by constructing Water District Number 5 to serve residents in the Town of Alden. The proposed project will consist of installing approximately 26.5 miles of waterlines and appurtenances within the public right-of-way along nineteen roads throughout the town.

Due to the geometry of existing water districts, the proposed district is composed of eight non-contiguous areas.

Please Complete Each Question--Indicate N.A. if not applicable

A. SITE DESCRIPTION

Physical setting of overall project, both developed and undeveloped areas.

- 1. Present Land Use: Urban Industrial Commercial Residential (suburban) Rural (non-farm)
- Forest Agriculture Other _____

2. Total acreage of project area: N/A acres.

APPROXIMATE ACREAGE

	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	_____ acres	_____ acres
Forested	_____ acres	_____ acres
Agricultural (Includes orchards, cropland, pasture, etc.)	_____ acres	_____ acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	_____ acres	_____ acres
Water Surface Area	_____ acres	_____ acres
Unvegetated (Rock, earth or fill)	_____ acres	_____ acres
Roads, buildings and other paved surfaces	_____ acres	_____ acres
Other (Indicate type) <u>Public Rights of Way</u>	<u>N/A</u> acres	<u>N/A</u> acres

3. What is predominant soil type(s) on project site? _____

- a. Soil drainage: Well drained _____% of site Moderately well drained _____% of site.
- Poorly drained _____% of site Varies 1

b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? N/A acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? Yes No

a. What is depth to bedrock 1.7 to >5 (in feet)

5. Approximate percentage of proposed project site with slopes:

- 0-10% 100% 10- 15% _____% 15% or greater _____%

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places? Yes No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? Yes No

8. What is the depth of the water table? 0 to >6 (in feet)

9. Is site located over a primary, principal, or sole source aquifer? Yes No principal only 2

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? Yes No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered? Yes No

According to:

U.S. Department of Interior
NY Natural Heritage Program

Identify each species:

[Empty box for identifying species]

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?)

Yes No

Describe:

[Empty box for describing land forms]

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

Yes No

If yes, explain:

[Empty box for explaining use]

14. Does the present site include scenic views known to be important to the community? Yes No

[Empty box for scenic views]

15. Streams within or contiguous to project area:

Ellicott Creek and Cayuga Creek

a. Name of Stream and name of River to which it is tributary

[Empty box for stream names]

16. Lakes, ponds, wetland areas within or contiguous to project area:

Very small portion of route within approximately 30' of
NYS Freshwater Wetlands CR-4, CR-9, class 2 and CR-16, class 2

b. Size (in acres):

[Empty box for size in acres]

17. Is the site served by existing public utilities? Yes No
- a. If YES, does sufficient capacity exist to allow connection? Yes No
- b. If YES, will improvements be necessary to allow connection? Yes No
18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? Yes No
19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 6177? Yes No
20. Has the site ever been used for the disposal of solid or hazardous wastes? Yes No

B. Project Description

1. Physical dimensions and scale of project (fill in dimensions as appropriate).

- a. Total contiguous acreage owned or controlled by project sponsor: N/A acres.
- b. Project acreage to be developed: N/A acres initially; N/A acres ultimately.
- c. Project acreage to remain undeveloped: N/A acres.
- d. Length of project, in miles: 26.5 (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. N/A %
- f. Number of off-street parking spaces existing N/A; proposed N/A
- g. Maximum vehicular trips generated per hour: N/A (upon completion of project)?
- h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially	_____	_____	_____	_____
Ultimately	_____	_____	_____	_____

- i. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; _____ length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 139,900 ft.

2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? N/A tons/cubic yards.

3. Will disturbed areas be reclaimed Yes No N/A

a. If yes, for what intended purpose is the site being reclaimed?

grass

b. Will topsoil be stockpiled for reclamation? Yes No

c. Will upper subsoil be stockpiled for reclamation? Yes No

4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? N/A acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

Yes No

6. If single phase project: Anticipated period of construction: 12 months, (including demolition)

7. If multi-phased:

a. Total number of phases anticipated _____ (number)

b. Anticipated date of commencement phase 1: _____ month _____ year, (including demolition)

c. Approximate completion date of final phase: _____ month _____ year.

d. Is phase 1 functionally dependent on subsequent phases? Yes No

8. Will blasting occur during construction? Yes No

9. Number of jobs generated: during construction 20 ; after project is complete 0

10. Number of jobs eliminated by this project 0

11. Will project require relocation of any projects or facilities? Yes No

If yes, explain:

12. Is surface liquid waste disposal involved? Yes No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount _____

b. Name of water body into which effluent will be discharged _____

13. Is subsurface liquid waste disposal involved? Yes No Type _____

14. Will surface area of an existing water body increase or decrease by proposal? Yes No

If yes, explain:

15. Is project or any portion of project located in a 100 year flood plain? Yes No

16. Will the project generate solid waste? Yes No

a. If yes, what is the amount per month? _____ tons

b. If yes, will an existing solid waste facility be used? Yes No

c. If yes, give name _____ ; location _____

d. Will any wastes not go into a sewage disposal system or into a sanitary landfill? Yes No

e. If yes, explain:

[Empty rectangular box for explanation]

17. Will the project involve the disposal of solid waste? Yes No

a. If yes, what is the anticipated rate of disposal? _____ tons/month.

b. If yes, what is the anticipated site life? _____ years.

18. Will project use herbicides or pesticides? Yes No

19. Will project routinely produce odors (more than one hour per day)? Yes No

20. Will project produce operating noise exceeding the local ambient noise levels? Yes No during construction ¹

21. Will project result in an increase in energy use? Yes No

If yes, indicate type(s)

fuel for construction equipment

22. If water supply is from wells, indicate pumping capacity N/A gallons/minute.

23. Total anticipated water usage per day 200K gallons/day, 200K = 200,000 ²

24. Does project involve Local, State or Federal funding? Yes No

If yes, explain:

New York State Shared Municipal Service Grant
United States Department of Agriculture Rural Development Grant and Loan

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Water District</u> <u>Establishment</u>	<u>Aug. 2008</u>
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
City, Town Zoning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
City, County Health Department	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Waterline Extension</u>	<u>Oct. 2009</u>
Other Local Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
Other Regional Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>ECDEP</u> <u>Recommendation</u>	<u>May, 2008</u>
State Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>NYS DEC</u> <u>Stream Crossing Permit</u>	<u>Oct. 2009</u>
Federal Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>USDA</u> <u>Rural Development</u> <u>Funding</u>	<u>May, 2008</u>

C. Zoning and Planning Information

1. Does proposed action involve a planning or zoning decision? Yes No

If Yes, indicate decision required:

- | | | | |
|---|---|--|--------------------------------------|
| <input type="checkbox"/> Zoning amendment | <input type="checkbox"/> Zoning variance | <input type="checkbox"/> New/revision of master plan | <input type="checkbox"/> Subdivision |
| <input type="checkbox"/> Site plan | <input type="checkbox"/> Special use permit | <input type="checkbox"/> Resource management plan | <input type="checkbox"/> Other |

2. What is the zoning classification(s) of the site?

N/A

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

N/A

4. What is the proposed zoning of the site?

N/A

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

N/A

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? Yes No

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

N/A

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile? Yes No

9. If the proposed action is the subdivision of land, how many lots are proposed? _____

a. What is the minimum lot size proposed? _____

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? Yes No

The proposed waterlines will be constructed as Water District Number 5.

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection)? Yes No

a. If yes, is existing capacity sufficient to handle projected demand? Yes No

12. Will the proposed action result in the generation of traffic significantly above present levels? Yes No

a. If yes, is the existing road network adequate to handle the additional traffic. Yes No

D. Informational Details

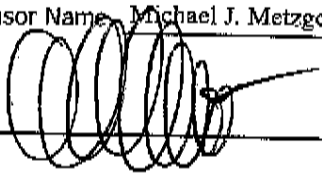
Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

E. Verification

I certify that the information provided above is true to the best of my knowledge.

Applicant/Sponsor Name Michael J. Metzger, P.E. Metzger Civil Engineering ¹

Date 9/22/08

Signature 

Title Town Engineer

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment.

	1	2	3
	Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

- Construction or expansion of a sanitary landfill. Yes No
- Construction in a designated floodway. Yes No
- Other impacts: Yes No

2. Will there be an effect to any unique or unusual land forms found on the site? (i.e., cliffs, dunes, geological formations, etc.)

NO YES

- Specific land forms: Yes No

Impact on Water

3. Will Proposed Action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)

NO YES

Examples that would apply to column 2

- Developable area of site contains a protected water body. Yes No
- Dredging more than 100 cubic yards of material from channel of a protected stream. Yes No
- Extension of utility distribution facilities through a protected water body. Yes No
- Construction in a designated freshwater or tidal wetland. Yes No
- Other impacts: Yes No

4. Will Proposed Action affect any non-protected existing or new body of water?

NO YES

Examples that would apply to column 2

- A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease. Yes No
- Construction of a body of water that exceeds 10 acres of surface area. Yes No
- Other impacts: Yes No

Waterline construction through non-protected ditches and tributaries.

1	2	3
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

5. Will Proposed Action affect surface or groundwater quality or quantity?

NO YES

Examples that would apply to column 2

- Proposed Action will require a discharge permit. Yes No
- Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action. Yes No
- Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity. Yes No
- Construction or operation causing any contamination of a water supply system. Yes No
- Proposed Action will adversely affect groundwater. Yes No
- Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity. Yes No
- Proposed Action would use water in excess of 20,000 gallons per day. Yes No
- Proposed Action will likely cause siltation or other discharge into an existing body of water to the extent that there will be an obvious visual contrast to natural conditions. Yes No
- Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons. Yes No
- Proposed Action will allow residential uses in areas without water and/or sewer services. Yes No
- Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities. Yes No
- Other impacts: Yes No

1	2	3	
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change	

6. Will Proposed Action alter drainage flow or patterns, or surface water runoff?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action would change flood water flows | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action may cause substantial erosion. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action is incompatible with existing drainage patterns. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow development in a designated floodway. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON AIR

7. Will Proposed Action affect air quality?

NO YES

Examples that would apply to column 2

- | | | | | |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action will induce 1,000 or more vehicle trips in any given hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in the incineration of more than 1 ton of refuse per hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow an increase in the amount of land committed to industrial use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow an increase in the density of industrial development within existing industrial areas. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON PLANTS AND ANIMALS

8. Will Proposed Action affect any threatened or endangered species?

NO YES

Examples that would apply to column 2

- | | | | | |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Reduction of one or more species listed on the New York or Federal list, using the site, over or near the site, or found on the site. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Removal of any portion of a critical or significant wildlife habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

9. Will Proposed Action substantially affect non-threatened or non-endangered species?

NO YES

Examples that would apply to column 2

• Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will Proposed Action affect agricultural land resources?

NO YES

Examples that would apply to column 2

• The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction activity would excavate or compact the soil profile of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Construction of waterlines in agricultural districts may induce development pressures to convert ag lands to other purposes.

IMPACT ON AESTHETIC RESOURCES

11. Will Proposed Action affect aesthetic resources? (If necessary, use the Visual EAF Addendum in Section 617.20, Appendix B.)

NO YES

Examples that would apply to column 2

• Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES

12. Will Proposed Action impact any site or structure of historic, prehistoric or paleontological importance?

NO YES

Examples that would apply to column 2

• Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Any impact to an archaeological site or fossil bed located within the project site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

• Other impacts:

IMPACT ON OPEN SPACE AND RECREATION

13. Will proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?

NO YES

Examples that would apply to column 2

- The permanent foreclosure of a future recreational opportunity. Yes No
- A major reduction of an open space important to the community. Yes No
- Other impacts: Yes No

IMPACT ON CRITICAL ENVIRONMENTAL AREAS

14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6NYCRR 617.14(g)?

NO YES

List the environmental characteristics that caused the designation of the CEA.

Examples that would apply to column 2

- Proposed Action to locate within the CEA? Yes No
- Proposed Action will result in a reduction in the quantity of the resource? Yes No
- Proposed Action will result in a reduction in the quality of the resource? Yes No
- Proposed Action will impact the use, function or enjoyment of the resource? Yes No
- Other impacts: Yes No

1	2	3
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

IMPACT ON TRANSPORTATION

15. Will there be an effect to existing transportation systems?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Alteration of present patterns of movement of people and/or goods. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in major traffic problems. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON ENERGY

16. Will Proposed Action affect the community's sources of fuel or energy supply?

NO YES

Examples that would apply to column 2

- | | | | | |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two family residences or to serve a major commercial or industrial use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

NOISE AND ODOR IMPACT

17. Will there be objectionable odors, noise, or vibration as a result of the Proposed Action?

NO YES

Examples that would apply to column 2

- | | | | | |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Blasting within 1,500 feet of a hospital, school or other sensitive facility. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Odors will occur routinely (more than one hour per day). | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will remove natural barriers that would act as a noise screen. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Proposed Action will set an important precedent for future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will create or eliminate employment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

20. Is there, or is there likely to be, public controversy related to potential adverse environment impacts?

NO YES

If Any Action in Part 2 Is Identified as a Potential Large Impact or If you Cannot Determine the Magnitude of Impact, Proceed to Part 3

Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

Responsibility of Lead Agency

Part 3 must be prepared if one or more impact(s) is considered to be potentially large, even if the impact(s) may be mitigated.

Instructions (If you need more space, attach additional sheets)

Discuss the following for each impact identified in Column 2 of Part 2:

1. Briefly describe the impact.
2. Describe (if applicable) how the impact could be mitigated or reduced to a small to moderate impact by project change(s).
3. Based on the information available, decide if it is reasonable to conclude that this impact is **important**.

To answer the question of importance, consider:

- ! The probability of the impact occurring
- ! The duration of the impact
- ! Its irreversibility, including permanently lost resources of value
- ! Whether the impact can or will be controlled
- ! The regional consequence of the impact
- ! Its potential divergence from local needs and goals
- ! Whether known objections to the project relate to this impact.

See attached.



State Environmental Quality Review Act**NEGATIVE DECLARATION**
Notice of Determination of Non-Significance

This notice is issued pursuant to Part 617 of the implementing regulations pertaining to Article 8 (State Environmental Quality Review Act - SEQRA) of the Environmental Conservation Law.

The Town of Alden Town Board, as SEQRA Lead Agency, has determined that the proposed action described below will not have a significant effect on the environment, and that a Draft Environmental Impact Statement will not be prepared.

Name of Action: Town of Alden Water District No. 5

SEQRA Status: Type I Action

Description of Action: The Town of Alden intends to expand its water supply system by constructing Water District Number 5 to serve residents in the Town of Alden. The proposed project will consist of installing approximately 26.5 miles of waterlines and appurtenances within the public right-of-way along nineteen roads throughout the Town. Due to the geometry of existing water districts, the proposed district is composed of eight non-contiguous areas.

Location: These waterlines are proposed to be constructed along the following roads as outlined on the next page.

LIST OF ROADS IN WATER DISTRICT NUMBER 5

1. Kieffer Road
2. Three Rod Road from the town line north to Cary Road, and from Cayuga Creek to the southerly limits of Water District No. 4
3. Cayuga Creek Road from the town line north to Three Rod Road
4. Old Three Rod Road
5. Exchange Street
6. Henskee Road
7. Sullivan Road from the town line north to #976 Sullivan Road
8. County Line Road
9. Broadway from the town line west to the Village line
10. Town Line Road from Schlemmer Road to Ellicott Creek
11. Zoeller Road
12. Genesee Street from Reinhardt Road to the easterly town line
13. Crittenden Road
14. Uebelhoer Road
15. Rundel Road
16. North Road from Peter's Corners Road to the easterly town line
17. South Newstead Road
18. Balance of Cary Road currently unserved
19. Old Crittenden Road

Reasons Supporting This Documentation:

1. **Impact on Land:** The proposed construction will be completed in one phase. It is anticipated that construction will begin in the spring of 2010 and will last two construction seasons. However, due to the linear nature of this project, it is anticipated that actual construction will not occur at any one place for more than one (1) year. All construction sites will be secured so that there are no exposed hazards to the general public.

Waterline installation will occur in areas where slopes are greater than 15% but this will be avoided where possible and limited mainly to creek embankments. As there will be no permanent features remaining on the surface upon completion of construction, since it is an underground utility, potential impacts are limited. Construction will occur quickly in these areas, most likely within hours at each location, minimizing impacts from exposed trenches. Furthermore, proper construction practices will be followed including compaction and surface stabilization methods.

Construction of the waterline will involve working in areas where the water table may be less than 3 feet. As this is an underground utility project, often times, the construction effort is so quick that groundwater levels have limited impacts on the operation, especially in areas where the soils are dense or compact and groundwater permeability is slow. Limited dewatering may be required in trenches in more granular soils and proper discharge locations will be used, and siltation control methods employed to minimize surface water impacts.

The new waterline will pass through some areas that are designated as 100 year floodplain. Floodplains have been researched and areas located for consideration during the design phase. All national and local floodplain regulations will be adhered to. As this is an underground utility installation, construction will occur rapidly with restoration immediately thereafter. No surface features will remain or fill placed in the floodplain

areas above the existing surface levels. Therefore, flood waters will not be impeded. Furthermore, weather forecasts will be monitored to ensure that construction does not occur during times of expected flooding conditions.

2. **Impact on Water:** The project will result in an increase in water usage (200,000 gpd ultimately) being supplied by a public water supply system (Erie County Water Authority, ECWA). The ECWA has determined that they are capable of supplying this quantity of water. An Article 15, title 15 Water Supply Permit will be applied for through the New York State Department of Environmental Conservation (NYSDEC).

Homes in the area of the water improvement will be able to be removed from groundwater systems (private wells) which have limited capacity and quality problems. These quality problems were outlined in the Map, Plan and Report.

Water used for flushing of the new lines will be discharged into the ditches currently located along the roadway. The amount of water and duration of discharge will be minimal. This action is not anticipated to have any adverse effects on the drainage ditch. Effects of erosion will be limited during construction and the flushing process. Any and all existing drainage swales and ditches will be replaced to the condition they were prior to construction. Waterline chlorination water will be disposed of properly or neutralized prior to discharge.

Waterline construction will involve crossing protected water bodies including Cayuga and Ellicott creeks. Coordination and communication with the NYSDEC will continue and application made for an Article 15, title 5 Environmental Conservation Law permit for all protected stream crossings. Furthermore, restoration in these areas will be made quickly and all proper soil erosion and siltation control practices will be followed.

While waterline construction will be mainly limited to public road rights-of-way, ultimate construction will occur in close proximity to, and possibly in, regulated wetlands. Total avoidance will be attempted in all situations. A Freshwater Wetland Permit pursuant to Article 24 of New York State Environmental Conservation Law will be applied for for any unavoidable contact and full restoration will be required. As noted above, proper soil erosion and siltation control measures will be implemented. Close contact will also continue with the US Army Corps of Engineers on potential federal wetland impacts and permitting and NYS Section 401 Water Quality Certification will be sought if required.

Non-protected water courses will be protected to the maximum extent possible through proper utilization of soil erosion and siltation control measures.

As noted above, proper soil erosion and siltation control measures will be followed and NYSDEC general SPDES permit GP-O-08-001 coverage will be obtained for Stormwater Management.

3. **Impacts on Agricultural Land Resources:** Much of the proposed project is located within Agricultural District No. 1, 7 and 16. A Preliminary Notice of Intent has been completed for this project. The waterline is not being constructed for growth, but to service existing homes in need. There may be growth associated with the installation of the waterline but subdivisions and site plans will be individually evaluated as to their impacts on agriculture.

The Town of Alden has embraced the concept of agricultural land preservation. As such, they are currently exploring steps to help protect this valuable resource, while ensuring the rights of property owners. Efforts are underway to map the USDA Prime Farmland Soil types and develop possible restrictions on water service laterals to minimize development pressures. Furthermore, the Town of Alden is currently revising their Comprehensive Plan. The Town Board and Comprehensive Plan Committee are on the same page with the need to provide a safe and reliable water supply to the residents of the Town of Alden while balancing this need with other town goals such as preserving the character of the

community and agricultural lands. Strengthening of zoning regulations and the absence of municipal sanitary sewers are two factors that have been identified as excessive growth limits.

4. **Impacts on Archaeological and Historic Resources:** The New York State Office of Parks, Recreation and Historic Preservation has been contacted and project information exchanged between the town and OPHRHP. OPHRHP has concluded that the project will have no impact on Cultural Resources.
5. **Impact on Transportation:** Impacts on transportation will only occur during construction of the waterline. Any impacts will be minor and temporary in nature due to construction activities.
6. **Impacts on Energy:** To provide water to the Town of Alden, the ECWA pumping stations will use additional energy to pump water. The Water Authority is presently involved in energy savings studies and projects that in the long term will help to reduce energy usage by their facilities. The Town of Alden is currently working with all involved natural gas utility companies operating within the town on potential impacts to and from the many gas wells, collector lines and transmission lines throughout the town.
7. **Noise and Odor Impacts:** Noise impacts will occur during the construction of the waterline due to construction equipment but will be temporary in nature.
8. **Impact on Public Health:** Presently there are health concerns about well water in certain areas of the Town. This project will eliminate the need for the use of potentially

contaminated well water and the potential public health concern related to this well water use.

9. **Impact on Growth and Character of the Community:** The Town of Alden does not anticipate a large population increase whether or not the waterline is installed. The majority of the project areas are zoned rural agriculture which is intended to preserve and protect agricultural areas and to provide limited rural residential development, together with other nonintensive compatible activities. Residential districts and a few scattered commercial properties are also present within the project area. If expansion does occur in this area, developers would have to follow the regulations and protocol set forth in the Town of Alden's Zoning Ordinance, Land Use Regulations and Comprehensive Plan (once the revision of same is completed). Furthermore, a critical component to large scale development is the presence of a municipal sanitary sewer system which the Town of Alden has no plans or desire to construct.

The Town of Alden Town Board concludes that the project will not adversely affect the natural resources of the State and/or health, safety and welfare of the public and is consistent with social and economic considerations. In reaching this decision, the Alden Town Board carefully considered all "criteria" for Determination of Significance listed in the SEQR Regulations (6 NYCRR 617.11)

For Further Information:

Contact Person: Michael J. Metzger, P.E.
Alden Town Engineer
Metzger Civil Engineering, PLLC
8560 Main Street
Williamsville, New York 14221