

Part 2 - PROJECT IMPACTS AND THEIR MAGNITUDE

Responsibility of Lead Agency

General Information (Read Carefully)

- In completing the form the reviewer should be guided by the question: Have my responses and determinations been **reasonable**? The reviewer is not expected to be an expert environmental analyst.
- The **Examples** provided are to assist the reviewer by showing types of impacts and wherever possible the threshold of magnitude that would trigger a response in column 2. The examples are generally applicable throughout the State and for most situations. But, for any specific project or site other examples and/or lower thresholds may be appropriate for a Potential Large Impact response, thus requiring evaluation in Part 3.
- The impacts of each project, on each site, in each locality, will vary. Therefore, the examples are illustrative and have been offered as guidance. They do not constitute an exhaustive list of impacts and thresholds to answer each question.
- The number of examples per question does not indicate the importance of each question.
- In identifying impacts, consider long term, short term and cumulative effects.

Instructions (Read carefully)

- Answer each of the 20 questions in PART 2. Answer **Yes** if there will be **any** impact.
- Maybe** answers should be considered as **Yes** answers.
- If answering Yes to a questions then check the appropriate box (column 1 or 2) to indicate the potential size of the impact. If the impact threshold equals or exceeds any example provided, check column 2. If impact will occur but threshold is lower than example, check column 1.
- Identify that an impact will be potentially large (column 2) does not mean that it is also necessarily significant. Any large impact must be evaluated in PART 3 to determine significance. Identifying an impact in column 2 simply asks that it be looked at further.
- If reviewer has doubt about size of the impact then consider the impact as potentially large and proceed to PART 3.
- If a potentially large impact checked in column 2 can be mitigated by change(s) in the project to a small to moderate impact, also check the **Yes** box in column 3. A **No** response indicates that such a reduction is not possible. This must be explained in PART 3.

IMPACT ON LAND

1. Will the proposed action result in a physical change on the project site? ☐ NO ☒ YES

Examples that would apply to column 2

- Any construction on slopes of 15% or greater, (15 foot rise per 100 foot of length), or where the general slopes in the project area exceed 10%.
- Construction on land where the depth to the water table is less than 3 feet.
- Construction of paved parking area for 1,000 or more vehicles.
- Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.
- Construction that will continue for more than 1 year or involve more than one phase or stage.
- Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e. rock or soil) per year.
- Construction or expansion of a sanitary landfill.
- Construction is in a designated floodway.

Other impacts: Excavation will occur along the alignment of the watermain.

2. Will there be an effect to any unique or unusual landforms found on the site? (i.e., cliffs, dunes, geological formations, etc.) ☒ NO ☐ YES

Specific land forms: _____

1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact be Mitigated by Project Change
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IMPACT ON WATER

3. Will the proposed action affect any water body designated as protected?
(Under Articles 15, 24, 25 of the Environmental Conservation Law, EC)
- ☐ NO ☒ YES

Examples that would apply to column 2

- Developable area of site contains a protected water body
- Dredging more than 100 cubic yards of material from channel of a protected stream.
- Extension of utility distribution facilities through a protected water body.
- Construction in a designated freshwater or tidal wetland. *(Possible; see Attachment)*
- Other impacts: _____

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.
- Construction of a body of water that exceeds 10 acres of surface area.
- Other impacts: _____

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.
- Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action.
- Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity.
- Construction or operation causing any contamination of a water supply system.
- Proposed Action will adversely affect groundwater.
- Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity.
- Proposed Action would use water in excess of 20,000 gallons per day.
- 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 the natural conditions.
- Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons.
- Proposed Action will allow residential uses in areas without water and/or sewer Services.
- Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing water treatment and/or storage facilities.
- Other impacts: _____

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.

1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact be Mitigated by Project Change	
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- Proposed Action may cause substantial erosion.
- Proposed Action is incompatible with existing drainage patterns.
- Proposed Action will allow development in a designated floodway.
- Other impacts: _____

IMPACT ON AIR

7. Will proposed action affect air quality? ☒ NO ☐ YES

Examples that would apply in column 2

- Proposed Action will induce 1,000 or more vehicle trips in any given hour.
- Proposed Action will result in the incineration of more than 1 ton of refuse per hour.
- Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour.
- Proposed action will allow an increase in the amount of land committed to industrial use.
- Proposed action will allow an increase in the density of industrial development within existing industrial areas.
- Other impacts:

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 site or found on the site.
- Removal of any portion of a critical or significant wildlife habitat.
- Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.
- Other impacts: _____

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.
- Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will the 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.).

[illegible]

- Construction activity would excavate or compact the soil profile of agricultural land.
- 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
- 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).
- Other impacts: **Agricultural lands may be disturbed during construction but will be restored to their original condition (see Attachment)**

IMPACT ON AESTHETIC RESOURCES

IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES

IMPACT ON OPEN SPACE AND RECREATION

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 6 NYCRR 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 with the CEA?
- Proposed Action will result in a reduction in the quantity of the resource?
- Proposed Action will result in a reduction in the quality of the resource?
- Proposed Action will impact the use, function or enjoyment of the resource?
- Other impacts:

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.
- Proposed Action will result in major traffic problems.
- Other impacts: Some inconveniences to motorists may be experienced during construction. Impacts will be temporary and minor.

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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.
- 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.

- Other impacts: _____

1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact be Mitigated by Project Change
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NOISE AND ODOR IMPACTS

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.
- Odors will occur routinely (more than one hour per day).
- Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures.
- Proposed Action will remove natural barriers that would act as a noise screen.
- Other impacts: _____

IMPACT ON PUBLIC HEALTH

18. Will Proposed Action affect public health and safety? ☐ NO ☒ YES
Positive Impact

Examples that would apply to column 2

- Proposed Action may cause a risk of explosion or release of hazardous substances (i.e. oil, pesticides, chemicals, radiation, etc.) in the event of accident or upset conditions, or there may be a chronic low level discharge or emission.
- Proposed Action may result in the burial of "hazardous wastes" in any form (i.e., toxic, poisonous, highly reactive, radioactive, irritating, infectious, etc.)
- Storage facilities for one million or more gallons of liquefied natural gas or other flammable liquids.
- Proposed Action may result in the excavation or other disturbance within 2,000 feet of a site used for the disposal of solid or hazardous waste.
- Other impacts: **Project will eliminate the reliance on private wells that produce an inadequate supply of poor quality water. Fire protection will also be improved (see Attachment).**

IMPACT ON GROWTH AND CHARACTER OF COMMUNITY OR NEIGHBORHOOD

19. Will proposed action affect the character of the existing community? ☐ NO ☒ YES
Positive Impact

Examples that would apply to column 2

- The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%.
- The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project.
- Proposed Action will conflict with official adopted plans or goals.
- Proposed Action will cause a change in the density of land use.
- Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community.
- Development will create a demand for additional community services (e.g. schools, police and fire, etc.)
- Proposed Action will set an important precedent for future projects.
- Proposed Action will create or eliminate employment.
- Other impacts: **The project will provide a safe, reliable public water supply to residents in the Town of Oakfield Water District No. 3.**

20. Is there, or is there likely to be, public controversy related to potential adverse environmental 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

[illegible]

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

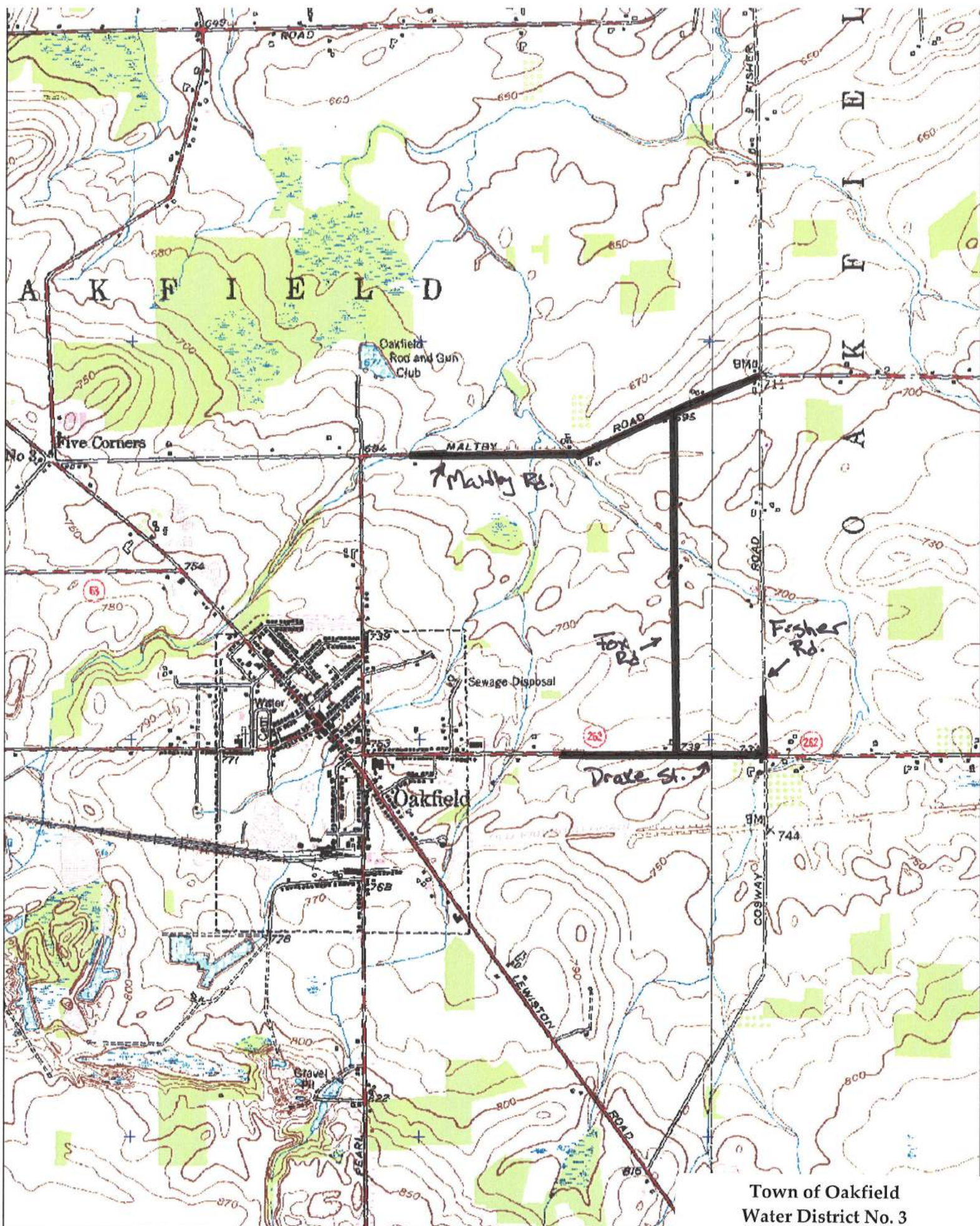
Discuss the following for each impact identified in Column 2 of Part 2:

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.

(Continue on attachments)



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 700 ft Scale: 1: 24,000 Detail: 1:3-2 Datum: W

Town of Oakfield
Water District No. 3
USGS Location Map
Oakfield Quadrangle