NOTE: This plat is for well location purposes only and does not represent a complete boundary survey. Corners and lines pertinent to locating the well are from field survey. Other lines and features are from tax maps, aerial photographs and/or deeds.

Survey was performed with dual-frequency (L1+L2) GPS equipment. An RTK unit was used and processed against a NYSDOT CORS-corrected network base to achieve xy coordinates with accuracy of ±1 foot.

True Latitude: NORTH
Surface 42.144879°

True Longitude: WEST
Surface -76.454102°

True Latitude: NORTH
Bottom 42.152963°

True Longitude: WEST
Bottom -76.458247°
SPACING MAP
SNYDER E 1A
(MARCELLUS FORMATION)

Scale: 1" = 1000'

PROPOSED TRUE VERTICAL DEPTH OF BOTTOM HOLE LOCATION: 3653 ft.

PROPOSED TRUE MEASURED DEPTH OF BOTTOM HOLE LOCATION: 6600 ft.

TARGET FORMATION: MARCELLUS

LEGEND

PROPOSED LEASE
TAX PARCEL

DISCLAIMER

THE GEOLOGICAL FEATURES AND BOUNDARIES OF THIS MAP ARE THE SOLE INTERPOLATION OF ARROWPOINT LAND SURVEYORS, FOR URDA ENGINEERING, PLLC WHICH WAS BASED UPON THE MOST RECENT SOURCES AVAILABLE AT THE TIME.

ARROWPOINT LAND SURVEYORS, AND URDA ENGINEERING, PLLC EXPRESSLY DISCLAIMS RESPONSIBILITY FOR ANY ACTION, ACTIVITY, OR DECISION UNDERTAKEN BY A THIRD PARTY ON THE BASIS OF THE INFORMATION DEPICTED ON THIS MAP.

CALL OR WRITE:
URDA ENGINEERING, PLLC
ARROWPOINT LAND SURVEYORS
PO BOX 142
WINDSOR, NY 13865

1295 UNIVERSITY AVENUE, SUITE 240
ROCHESTER, NY 14607

(607) 760-6545
(585) 755-0408

DATE:
MAY 15, 2015

REVISION 2

STATE OF NEW YORK

G. D. ALLEN, COMMISSIONER
COUNTY OFFICIALS' DAYS

[Diagram of proposed location]
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES
ENVIRONMENTAL ASSESSMENT FORM
Attachment to Drilling Permit Application

WELL NAME AND NUMBER
SNYDER E 1A

NAME OF APPLICANT
Tioga Energy Partners, LLC

ADDRESS OF APPLICANT
P.O. Box 22222

DESCRIPTION OF PROJECT (Briefly describe type of project or action)
Utilize same bore hole as Utica formation Snyder E 1 Well and drill horizontal natural gas well in the Marcellus Shale. Utilize existing farm/landowner road with improvements.
Well Pad and Well Top Hole location:
233 Hamilton Valley Rd, Town of Barton, Tioga County, NY; TM#102.00-1-24; Owner: Ernest J. Snyder
Access Rd.: Hamilton Valley Rd, Town of Barton, Tioga County, NY; TM#102.00-1-22 & 2-16.1; Owner: Howard & Beryl Chrisfield

PROJECT SITE IS THE WELL SITE AND SURROUNDING AREA WHICH WILL BE DISTURBED DURING CONSTRUCTION OF SITE, ACCESS ROAD, AND PIT AND ACTIVITIES DURING DRILLING AND COMPLETION AT WELLHEAD.

LAND USE AND PROJECT SITE
1. Project Dimensions. Total Area of Project Site = 152896 sq. ft.
   Approximate square footage for items below:
   a. Access Road (length x width)
      During Construction (sq. ft.)
      N/A
   b. Well Site (length x width)
      After Construction (sq. ft.)
      58747
      N/A
      28350

2. Characterize Project Site Vegetation and Estimate Percentage of Each Type Before Construction:
   - % Agricultural (cropland, hayland, pasture, vineyard, etc.) = 91%
   - % Forested = 3%
   - % Wetlands = 0%
   - % Meadow or Brushland (non agricultural) = 6%
   - % Non vegetated (rock, soil, fill) = 0%

3. Present Land Use(s) Within ¼ Mile of Project (Check all that apply)
   - Rural
   - Suburban
   - Forest
   - Urban
   - Agricultural
   - Commercial
   - Park/Recreation
   - Industrial
   - Other

4. How close is the nearest residence, building, or outdoor facility of any type routinely occupied by people at least part of the day? = 2800 ft.
   Describe
   NEAREST RESIDENCE IS 2800 FEET FROM WELL SITE AND >250 FEET FROM ACCESS ROAD.

ENVIRONMENTAL RESOURCES ON/NEAR PROJECT SITE
5. The presence of certain environmental resources on or near the project site may require additional permits, approvals or mitigation measures—is any part of the well site or access road located:
   a. Over a primary or principal aquifer?
      Yes  No
   b. Within 2,640 feet of a public water supply well?
      Yes  No
   c. Within 150 feet of a surface municipal water supply?
      Yes  No
   d. Within 150 feet of a lake, stream, or other public surface water body?
      Yes  No
   e. Within an Agricultural District? (0.1 acres)
      Yes  No
   f. Within a land parcel having a Soil and Water Conservation Plan?
      Yes  No
   g. In a 100 year flood plain?
      Yes  No
   h. In a regulated wetland or its 100 foot buffer zone?
      Yes  No
   i. In a coastal zone management area?
      Yes  No
   j. In a Critical Environmental Area?
      Yes  No
   k. Does the project site contain any species of animal life that are listed as threatened or endangered?
      Yes  No
   If yes, identify the species and source of information
   l. Will proposed project significantly impact visual resources of statewide significance?
      Yes  No
      If yes, identify the visual resource and source of information
CULTURAL RESOURCES

6. Are there any known archeological and/or historical resources which will be affected by drilling operations? □ Yes □ No □ Not Known

7. Has the land within the project area been previously disturbed or altered (excavated, landscaped, filled, utilities installed)? □ Yes □ No □ Not Known

If answer to Number 6 or 7 is yes, briefly describe: Farming

EROSION AND RECLAMATION PLANS

8. Indicate percentage of project site within: 0-10% slope 73 % 10-15% slope 10 % greater than 15% slope 17 %

9. Are erosion control measures needed during construction of the access road and well site? □ Yes □ No □ Not Known

If yes, describe and/or sketch on attached photocopy of plat: Consistent with NYSDEC SPDES GP-0-15-002 and required Storm Water Pollution Prevention Plan (SWPPP)

(e.g. check dams, sediment traps, control blankets, etc.)

10. Will the topsoil which is disturbed be stockpiled for reclamation use? □ Yes □ No

11. Does the reclamation plan include revegetation? □ Yes □ No

If yes, what plant materials will be used? GRASS MIX.

12. Does the reclamation plan include restoration or installation of surface or subsurface drainage features to prevent erosion or conform to a Soil and Water Conservation Plan? □ Yes □ No

If yes, describe: Grassed diversion swales.

ACCESS ROAD SITING AND CONSTRUCTION

13. Are you going to use existing or common corridors when building the access road? □ Yes □ No

Locate access road on attached photocopy of plat.

DRILLING

14. Anticipated length of drilling operations? 8 days.

WASTE STORAGE AND DISPOSAL

15. How will drilling fluids and stimulation fluids: a. Be contained? DRILLING WILL BE CLOSED LOOP USING STEEL TANKS b. Be disposed of? TAKEN TO CHEMUNG COUNTY LANDFILL, LOWMAN, NEW YORK

16. Will production brine be stored on site? * None anticipated, but if necessary □ Yes □ No

If yes: How will it be stored? STEEL TANKS ON SITE How will it be disposed of? TAKEN TO HYDRORECOVERY, BLOSSBURG, PENNSYLVANIA

17. Will the drill cuttings and pit liner be disposed of on site? □ Yes □ No

If yes, expected burial depth? feet

ADDITIONAL PERMITS

18. Are any additional State, Local or Federal permits or approvals required for this project? □ Yes □ No

Date Application Submitted Date Application Received

Stream Disturbance Permit (DEC) [ ] [ ] [ ] [ ]

Wetlands Permit (DEC or Local) [ ] [ ] [ ] [ ]

Floodplain Permit (DEC or Local) [ ] [ ] [ ] [ ]

Other NYSDEC SPDES GP-0-15-002 (STORMWATER) [ ] [ ] [ ] [ ]

SRBC - APPROVAL BY RULE [ ] [ ] [ ] [ ]

(both will be submitted prior to any site operations) [ ] [ ] [ ] [ ]

PREPARE'S SIGNATURE: ____________________________

DATE: Julv7 2015

NAME/TITLE (Please print): Clay Smith

REPRESENTING: Tioga Energy Partners, LLC
Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

<table>
<thead>
<tr>
<th>Name of Action or Project:</th>
<th>SNYDER E 1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Location (describe, and attach a general location map):</td>
<td>233 Hamilton Valley Road, Town of Barton, Tioga County, TM# 102.00-1-24</td>
</tr>
<tr>
<td>Brief Description of Proposed Action (include purpose or need):</td>
<td>Utilize same bore hole as Utica formation Snyder E 1 Well and complete horizontal natural gas well using LPG fracturing in the Marcellus Shale. Utilize existing farm/landowner road with improvements.</td>
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</tbody>
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<tr>
<th>Name of Applicant/Sponsor:</th>
<th>Tioga Energy Partners, LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone:</td>
<td>518.426-4800</td>
</tr>
<tr>
<td>E-Mail:</td>
<td><a href="mailto:aschulte@couchwhite.com">aschulte@couchwhite.com</a></td>
</tr>
<tr>
<td>Address:</td>
<td>P.O. Box 22222</td>
</tr>
<tr>
<td>City/PO:</td>
<td>Albany</td>
</tr>
<tr>
<td>State:</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>12201</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Contact (if not same as sponsor; give name and title/role):</th>
<th>(same as above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone:</td>
<td></td>
</tr>
<tr>
<td>E-Mail:</td>
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</table>

<table>
<thead>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>State:</td>
</tr>
<tr>
<td>Zip Code:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property Owner (if not same as sponsor):</th>
<th>See Description Above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone:</td>
<td></td>
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<td>Zip Code:</td>
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</tbody>
</table>

Page 1 of 13
B. Government Approvals

B. Government Approvals Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial
assistance.)

Government Entity | If Yes: Identify Agency and Approval(s) Required | Application Date (Actual or projected)
--- | --- | ---
a. City Council, Town Board, or Village Board of Trustees | ☐ Yes ☑ No | 
b. City, Town or Village Planning Board or Commission | ☐ Yes ☑ No | 
c. City Council, Town or Village Zoning Board of Appeals | ☐ Yes ☑ No | 
d. Other local agencies | ☐ Yes ☑ No | 
e. County agencies | ☐ Yes ☑ No | 
f. Regional agencies | ☑ Yes ☐ No | SRBC - Approval By Rule

g. State agencies | ☑ Yes ☐ No | NYSDEC Minerals Division Drilling Permit; NYSDEC SPDES GP-0-19-002 (Stormwater)
h. Federal agencies | ☐ Yes ☑ No | 

C. Planning and Zoning

C.1. Planning and zoning actions.
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐ Yes ☑ No
- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part I

C.2. Adopted land use plans.
a. Do any municipally-adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐ Yes ☑ No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐ Yes ☑ No
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐ Yes ☑ No
If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐ Yes ☑ No
If Yes, identify the plan(s):
C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. □ Yes □ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
__________________________________________________________________________

b. Is the use permitted or allowed by a special or conditional use permit? □ Yes □ No □ N/A

c. Is a zoning change requested as part of the proposed action? □ Yes □ No
   i. What is the proposed new zoning for the site?
      ________________________________________________________________________

C.4. Existing community services.

a. In what school district is the project site located? Spencer Van Etten

b. What police or other public protection forces serve the project site?
   Tioga County Sheriff, State Police

c. Which fire protection and emergency medical services serve the project site?
   Tioga Center; Halsey Valley

d. What parks serve the project site?
   None

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Industrial.

b. a. Total acreage of the site of the proposed action? 3.51 acres
   b. Total acreage to be physically disturbed? 0 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 53.86 acres

c. Is the proposed action an expansion of an existing project or use? □ Yes □ No
   i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % __________ Units: ____________________

d. Is the proposed action a subdivision, or does it include a subdivision? □ Yes □ No
   i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
      _______________________________________________________________________
   ii. Number of lots proposed? ____________________ □ Yes □ No
   iii. Minimum and maximum proposed lot sizes? Minimum __________ Maximum __________

e. Will proposed action be constructed in multiple phases? □ Yes □ No □ N/A
   i. If No, anticipated period of construction: ________ months
   ii. If Yes:
      • Total number of phases anticipated
      • Anticipated commencement date of phase 1 (including demolition) ________ month ________ year
      • Anticipated completion date of final phase ________ month ________ year
      • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: ____________________________________________________________
f. Does the project include new residential uses?  
   If Yes, show numbers of units proposed.

<table>
<thead>
<tr>
<th>One Family</th>
<th>Two Family</th>
<th>Three Family</th>
<th>Multiple Family (four or more)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

   Initial Phase
   |            |            |              |                               |
   |            |            |              |                               |

   At completion of all phases
   |            |            |              |                               |
   |            |            |              |                               |

g. Does the proposed action include new non-residential construction (including expansions)?  
   If Yes, 
   i. Total number of structures
   ii. Dimensions (in feet) of largest proposed structure: height; width; and length
   iii. Approximate extent of building space to be heated or cooled: square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?  
   If Yes, 
   i. Purpose of the impoundment:
   ii. If a water impoundment, the principal source of the water:  
      □ Ground water  □ Surface water streams  □ Other specify:
   iii. If other than water, identify the type of impounded/contained liquids and their source.
   iv. Approximate size of the proposed impoundment. Volume: million gallons; surface area: acres
   v. Dimensions of the proposed dam or impounding structure: height; length
   vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  
   (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
   If Yes:
   i. What is the purpose of the excavation or dredging?
   ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
      • Volume (specify tons or cubic yards): 
      • Over what duration of time? 
   iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
   iv. Will there be onsite dewatering or processing of excavated materials?  
      If yes, describe.
   v. What is the total area to be dredged or excavated?
   vi. What is the maximum area to be worked at any one time?
   vii. What would be the maximum depth of excavation or dredging?
   viii. Will the excavation require blasting?
   ix. Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  
   If Yes:
   i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):
ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will proposed action cause or result in disturbance to bottom sediments? 
   If Yes, describe:

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation?
   If Yes:
   - acres of aquatic vegetation proposed to be removed: 
   - expected acreage of aquatic vegetation remaining after project completion:
   - purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
   - proposed method of plant removal:
   - if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water?
   If Yes:
   i. Total anticipated water usage/demand per day: gallons/day 
   ii. Will the proposed action obtain water from an existing public water supply? 
      If Yes:
      - Name of district or service area: 
      - Does the existing public water supply have capacity to serve the proposal? 
      - Is the project site in the existing district? 
      - Is expansion of the district needed? 
      - Do existing lines serve the project site?
   iii. Will line extension within an existing district be necessary to supply the project? 
      If Yes:
      - Describe extensions or capacity expansions proposed to serve this project:
      - Source(s) of supply for the district:
   iv. Is a new water supply district or service area proposed to be formed to serve the project site? 
      If, Yes:
      - Applicant/sponsor for new district:
      - Date application submitted or anticipated:
      - Proposed source(s) of supply for new district:
   v. If a public water supply will not be used, describe plans to provide water supply for the project:
   vi. If water supply will be from wells (public or private), maximum pumping capacity: gallons/minute.

d. Will the proposed action generate liquid wastes? 
   If Yes:
   i. Total anticipated liquid waste generation per day: gallons/day 
   ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
   - None anticipated; if necessary, will be disposed of at facility permitted for such purposes
   iii. Will the proposed action use any existing public wastewater treatment facilities? 
      If Yes:
      - Name of wastewater treatment plant to be used:
      - Name of district: 
      - Does the existing wastewater treatment plant have capacity to serve the project? 
      - Is the project site in the existing district? 
      - Is expansion of the district needed?
• Do existing sewer lines serve the project site? □ Yes □ No
• Will line extension within an existing district be necessary to serve the project? □ Yes □ No
  If Yes:
  • Describe extensions or capacity expansions proposed to serve this project:

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? □ Yes □ No
  If Yes:
  • Applicant/sponsor for new district:
  • Date application submitted or anticipated:
  • What is the receiving water for the wastewater discharge?

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste:

• Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? □ Yes □ No
  If Yes:
  i. How much impervious surface will the project create in relation to total size of project parcel?
    _____ Square feet or _____ acres (impervious surface)
    _____ Square feet or _____ acres (parcel size)
  ii. Describe types of new point sources:

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

   • If to surface waters, identify receiving water bodies or wetlands:

   • Will stormwater runoff flow to adjacent properties? □ Yes □ No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? □ Yes □ No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? □ Yes □ No
  If Yes, identify:
  i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
    Delivery of propane; Heavy equipment and power generation to complete well and haul waste
  ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)
  iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f(above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? □ Yes □ No
  If Yes:
  i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) □ Yes □ No
  ii. In addition to emissions as calculated in the application, the project will generate:
    • _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
    • _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
    • _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
    • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
    • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
    • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)
h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?
   □ Yes □ No
   If Yes:
   i. Estimate methane generation in tons/year (metric):
   ________________________________
   ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):
   ________________________________

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?
   □ Yes □ No
   If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):
   ________________________________

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?
   □ Yes □ No
   If Yes:
   i. When is the peak traffic expected (Check all that apply):
      □ Morning □ Evening □ Weekend
      □ Randomly between hours of ______ to ______.
   ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____________________________
   iii. Parking spaces: Existing ______ Proposed ______ Net increase/decrease ______
   iv. Does the proposed action include any shared use parking? □ Yes □ No
   v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:
      ________________________________

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? □ Yes □ No
vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? □ Yes □ No
viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? □ Yes □ No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?
   □ Yes □ No
   If Yes:
   i. Estimate annual electricity demand during operation of the proposed action:
      ________________________________
   ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
      ________________________________
   iii. Will the proposed action require a new, or an upgrade to, an existing substation? □ Yes □ No

l. Hours of operation. Answer all items which apply.
   i. During Construction:
      • Monday - Friday: N/A
      • Saturday: _____________________________
      • Sunday: _____________________________
      • Holidays: _____________________________
   ii. During Operations:
      • Monday - Friday: variable and intermittent
      • Saturday: " (flowback)
      • Sunday: " (flowback)
      • Holidays: " (flowback)
### m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?  
- Yes  
- No

If yes:

1. **Provide details including sources, time of day and duration:**
   - COMPLETION AND TRUCKING DURING DAYLIGHT HOURS FOR SHORT DURATIONS

2. **Will proposed action remove existing natural barriers that could act as a noise barrier or screen?**  
   - Yes  
   - No

   Describe:

### n. Will the proposed action have outdoor lighting?  
- Yes  
- No

If yes:

1. **Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:**
   - Down directional safety lighting. Nearest residence > 1/2 mile.

2. **Will proposed action remove existing natural barriers that could act as a light barrier or screen?**  
   - Yes  
   - No

   Describe:

### o. Does the proposed action have the potential to produce odors for more than one hour per day?  
- Yes  
- No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

### p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?  
- Yes  
- No

If Yes:

1. **Product(s) to be stored:**

2. **Volume(s) per unit time (e.g., month, year):**

3. **Generally describe proposed storage facilities:**

### q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?  
- Yes  
- No

If Yes:

1. **Describe proposed treatment(s):**

2. **Will the proposed action use Integrated Pest Management Practices?**  
   - Yes  
   - No

### r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?  
- Yes  
- No

If Yes:

1. **Describe any solid waste(s) to be generated during construction or operation of the facility:**
   - Construction: ___ tons per ___ (unit of time)
   - Operation: ___ tons per ___ (unit of time)

2. **Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:**
   - Construction:
   - Operation:

3. **Proposed disposal methods/facilities for solid waste generated on-site:**
   - Construction:
   - Operation:
s. Does the proposed action include construction or modification of a solid waste management facility?  
   □ Yes □ No  
   If Yes:  
   i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): ____________________________________________________________________________  
   ii. Anticipated rate of disposal/processing:  
       • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or  
       • _____ Tons/hour, if combustion or thermal treatment  
   iii. If landfill, anticipated site life: _______ years  

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  
   □ Yes □ No  
   If Yes:  
   i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: ____________________________________________________________________________  
   ii. Generally describe processes or activities involving hazardous wastes or constituents: ____________________________________________________________________________  
   iii. Specify amount to be handled or generated _____ tons/month  
   iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: ____________________________________________________________________________  
   v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? □ Yes □ No  
      If Yes: provide name and location of facility: _____________________________________________________________  
      If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: ____________________________________________________________________________  

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

   a. Existing land uses.  
      i. Check all uses that occur on, adjoining and near the project site.  
         □ Urban □ Industrial □ Commercial □ Residential (suburban) □ Rural (non-farm)  
         □ Forest □ Agriculture □ Aquatic □ Other (specify): ____________________________________________________________________________  
      ii. If mix of uses, generally describe: _____________________________________________________________  

   b. Land uses and covertypes on the project site.  
   
<table>
<thead>
<tr>
<th>Land use or Covertype</th>
<th>Current Acreage</th>
<th>Acreage After Project Completion</th>
<th>Change (Acres +/-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roads, buildings, and other paved or impervious</td>
<td>1.35</td>
<td>1.35</td>
<td>0</td>
</tr>
<tr>
<td>surfaces</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forested</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Agricultural</td>
<td>3.5</td>
<td>3.5</td>
<td>0</td>
</tr>
<tr>
<td>(includes active orchards, field, greenhouse etc.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface water features</td>
<td>4</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>(lakes, ponds, streams, rivers, etc.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wetlands (freshwater or tidal)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Non-vegetated (bare rock, earth or fill)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0.65</td>
<td>0.65</td>
<td>0</td>
</tr>
<tr>
<td>Describe: Gravel Pad</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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c. Is the project site presently used by members of the community for public recreation? □ Yes □ No
   i. If Yes: explain:

   d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed
day care centers, or group homes) within 1500 feet of the project site? □ Yes □ No
   If Yes,
   i. Identify Facilities:

   e. Does the project site contain an existing dam? □ Yes □ No
   If Yes:
   i. Dimensions of the dam and impoundment:
      • Dam height: __________________________ feet
      • Dam length: __________________________ feet
      • Surface area: __________________________ acres
      • Volume impounded: ________________________ gallons OR acre-feet
   ii. Dam's existing hazard classification:
   iii. Provide date and summarize results of last inspection:

   f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, □ Yes □ No
      or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?
      If Yes:
      i. Has the facility been formally closed? □ Yes □ No
         • If yes, cite sources/documentation:
      ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:
      iii. Describe any development constraints due to the prior solid waste activities:

   g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? □ Yes □ No
      If Yes:
      i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

   h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? □ Yes □ No
      If Yes:
      i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? □ Yes □ No
         □ Yes – Spills Incidents database Provide DEC ID number(s):
         □ Yes – Environmental Site Remediation database Provide DEC ID number(s):
         □ Neither database
      ii. If site has been subject of RCRA corrective activities, describe control measures:

         □ Yes □ No
      iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?
           If yes, provide DEC ID number(s):
           □ Yes □ No
      iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? □ Yes □ No
   - If yes, DEC site ID number:
   - Describe the type of institutional control (e.g., deed restriction or easement):
   - Describe any use limitations:
   - Describe any engineering controls:
   - Will the project affect the institutional or engineering controls in place? □ Yes □ No
   - Explain:

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 6 INCHES TO 6 FEET feet

b. Are there bedrock outcroppings on the project site? □ Yes □ No
   If Yes, what proportion of the site is comprised of bedrock outcroppings? ___ %

c. Predominant soil type(s) present on project site:
   - Fremont/Volusia channery silt loam 85 %
   - Lordstown " " 6 %
   - Wooster " " 9 %

d. What is the average depth to the water table on the project site? Average: >1.5 feet

e. Drainage status of project site soils:
   - Well Drained: 9 % of site
   - Moderately Well Drained: ___ % of site
   - Poorly Drained: 91 % of site

f. Approximate proportion of proposed action site with slopes:
   - 0-10%: 73 % of site
   - 10-15%: 10 % of site
   - 15% or greater: 17 % of site

g. Are there any unique geologic features on the project site? □ Yes □ No
   If Yes, describe:

h. Surface water features.
   i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? □ Yes □ No
   ii. Do any wetlands or other waterbodies adjoin the project site? □ Yes □ No
   If Yes to either i or ii, continue. If No, skip to E.2.i.

   iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? □ Yes □ No

   iv. For each identified regulated wetland and waterbody on the project site, provide the following information:
      - Streams: Name __________________________ Classification __________________________
      - Lakes or Ponds: Name __________________________ Classification __________________________
      - Wetlands: Name __________________________ Approximate Size __________________________

   v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? □ Yes □ No
      If yes, name of impaired water body/bodies and basis for listing as impaired:

i. Is the project site in a designated Floodway? □ Yes □ No

j. Is the project site in the 100 year Floodplain? □ Yes □ No

k. Is the project site in the 500 year Floodplain? □ Yes □ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? □ Yes □ No
   If Yes:
      i. Name of aquifer: Clinton Street Ballpark SSA
m. Identify the predominant wildlife species that occupy or use the project site:

<table>
<thead>
<tr>
<th>DEER</th>
<th>TURKEY</th>
</tr>
</thead>
</table>

n. Does the project site contain a designated significant natural community?  
If Yes:
  i. Describe the habitat/community (composition, function, and basis for designation):
  
  ii. Source(s) of description or evaluation:

  iii. Extent of community/habitat:
  - Currently: ____________ acres
  - Following completion of project as proposed: ____________ acres
  - Gain or loss (indicate + or -): ____________ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?  
☑ Yes ☐ No

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?  
☐ Yes ☐ No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?  
☑ Yes ☐ No

DEER HUNTING - PROPOSED ACTION WILL NOT AFFECT USE EXCEPT DURING DEVELOPMENT - private landowner only

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?  
☐ Yes ☐ No

If Yes, provide county plus district name/number: TIOG001

b. Are agricultural lands consisting of highly productive soils present?  
☐ Yes ☐ No

i. If Yes: acreage(s) on project site?

ii. Source(s) of soil rating(s):


c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark?  
☐ Yes ☐ No

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent:


d. Is the project site located in or does it adjoining a state listed Critical Environmental Area?  
☐ Yes ☐ No

i. CEA name:

ii. Basis for designation:

iii. Designating agency and date:
e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?
   □ Yes □ No
   
   If Yes:
   i. Nature of historic/archaeological resource: □ Archaeological Site □ Historic Building or District
   ii. Name:
   iii. Brief description of attributes on which listing is based:

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?
   □ Yes □ No

  g. Have additional archaeological or historic site(s) or resources been identified on the project site?
     □ Yes □ No
     i. Describe possible resource(s):
     ii. Basis for identification:

h. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for a scenic or aesthetic resource?
   □ Yes □ No
   
   If Yes:
   i. Identify resource:
   ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):
   iii. Distance between project and resource: __________ miles.

i. Is the project site located within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?
   □ Yes □ No

   If Yes:
   i. Identify resource:
   ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):
   iii. Distance between project and resource: __________ miles.

   F. Additional Information
   Attach any additional information which may be needed to clarify your project.

   If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

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

   Applicant/Sponsor Name: Clay Smith
   Date: 7/7/15
   Signature: __________
   Title: Member

   PRINT FORM