

## **I. Proposed City of Ithaca Water Tank at the Site of the Proposed University Avenue Parking Lot**

### **Summary**

#### **Description of Proposed Action**

1. Project Need and Benefit
2. Program and Operations
3. Water Tank Design Criteria

### **Description of Proposed Modifications to the University Avenue Parking Lot**

#### **Water Tank Alternatives**

- 1.0 Alternative to the Water Tank
  - 1.1 Connection to Cornell University Water Lines
  
- 2.0 Alternative Locations
  - 2.1 Alternative Location at LakeView Cemetery
  
  - 2.2 Alternative Site A: Corner of University Avenue and Lake Street (west of Von Cramm)
    - 2.2.1. Description of Alternative Site Plan
    - 2.2.2. Potential Significant Impacts of University Avenue/Lake Street Location
      - a. Vegetation
      - b. Future Land Use
      - c. Traffic and Parking
      - d. Construction Cost
      - e. Cultural Resources
        1. Narrative Description of Historic Resources
        2. Historic Impact Analysis on Site A.1
        3. Archaeological Resources
      - f. Visual Resources
  
  - 2.3 Alternative Site B: Vicinity of the Abandoned Tennis Courts Site
    - 2.3.1. Description of Alternative Site Plan
    - 2.3.2. Potential Significant Impacts of Vicinity of Abandoned Tennis Courts Location
      - a. Vegetation
      - b. Future Land Use
      - c. Construction Cost
      - d. Cultural Resources
        1. Historic Impact Analysis on Site B.1
        2. Archaeological Resources
      - e. Visual Resources
  
  - 2.4 Alternative Site C: West of 115 Llenroc Court
    - 2.4.1. Description of Alternative Site Plan
    - 2.4.2. Potential Significant Impacts of West of 115 Llenroc Court Location
      - a. Vegetation
      - b. Future Land Use
      - c. Construction Cost

- d. Cultural Resources
    - 1. Historic Impact Analysis on Site C.1
    - 2. Archaeological Resources
  - e. Visual Resources
- 2.5 Alternative D: Fully Buried Tank West of 660 Stewart Avenue
- 2.5.1. Description of Alternative Site Plan
  - 2.5.2. Potential Significant Impacts of Fully Buried Tank West of 660 Stewart Avenue Location
    - a. Vegetation
    - b. Future Land Use
    - c. Construction Cost
    - d. Cultural Resources
      - 1. Historic Impact Analysis on Site D.1
      - 2. Archaeological Resources
    - e. Visual Resources
- 2.6. Construct a Smaller Tank
- 2.7. Pump House
3. Construction Impacts
- 3.1 Description of Construction Staging
  - 3.2 Construction Impacts to Stormwater
  - 3.3 Construction Impacts to Air Quality
  - 3.4 Construction Impacts to Noise
  - 3.5 Construction Impacts to Traffic and Parking
  - 3.6 Construction Impacts to Pedestrians and Cyclists

## **II. Community Character**

### 2.11 Community Character

## **III. Alternatives to University Avenue Surface Parking**

### 4.2 Alternatives to University Avenue Surface Parking