

- Legend**
- Noise Sensitive Receptor (with NSR ID)
 - Noise Sensitive Receptor (Non-participating)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Cemetery)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Church)
 - Ⓜ Noise Sensitive Receptor (Participating, Museum)
 - ▭ Project Parcel/Non-participating Property
 - ▭ Project Parcel/Participating Property
 - ▭ Facility Site/Construction Area
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary
 - ▭ Utility ROW
 - ▲ Kintigh Substation

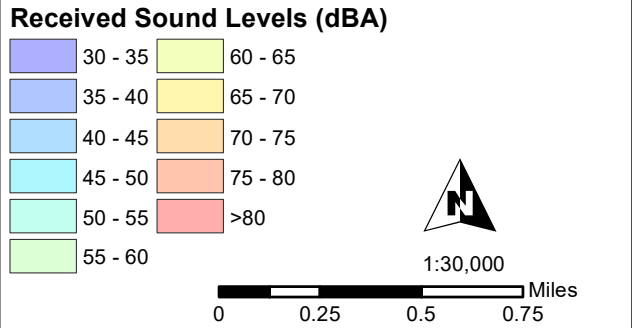
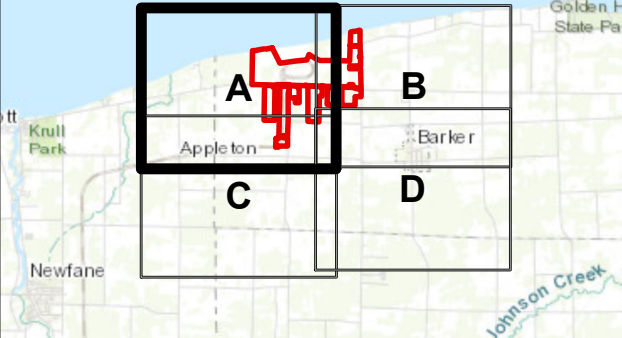
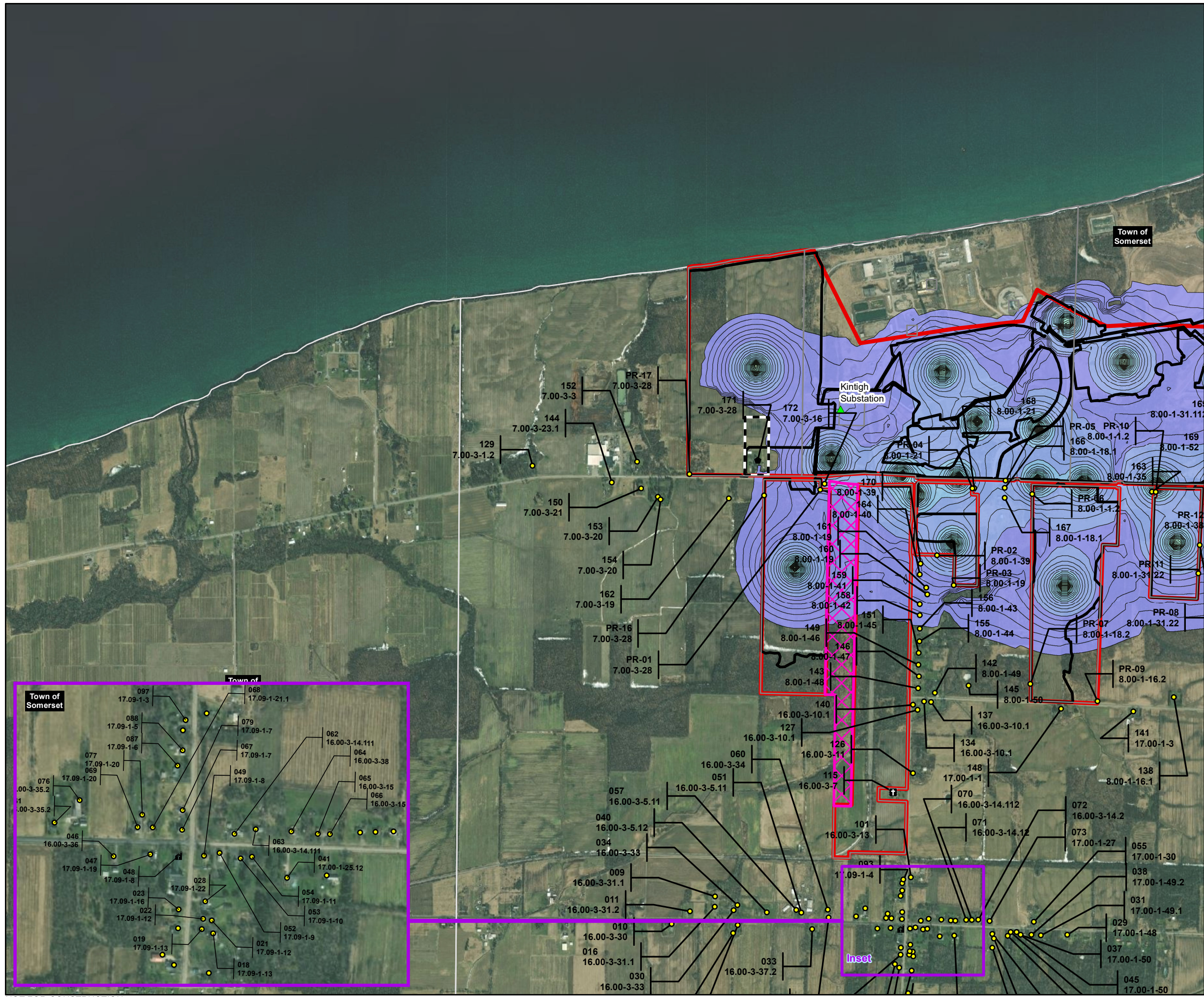


Figure 21
Commissioning Construction Sound Levels, (dBA)
Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Cemetery)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Church)
 - Ⓜ Noise Sensitive Receptor (Participating, Museum)
 - ▭ Project Parcel/Non-participating Property
 - ▭ Project Parcel/Participating Property
 - ▭ Facility Site/Construction Area
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary
 - ⊠ Utility ROW
 - ▲ Kintigh Substation

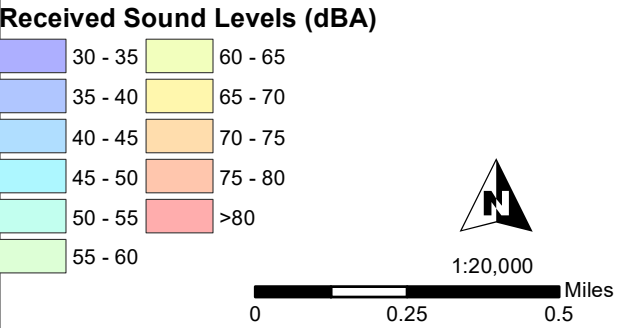
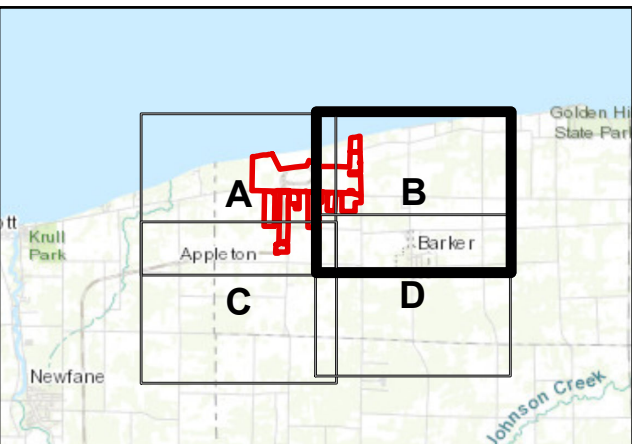
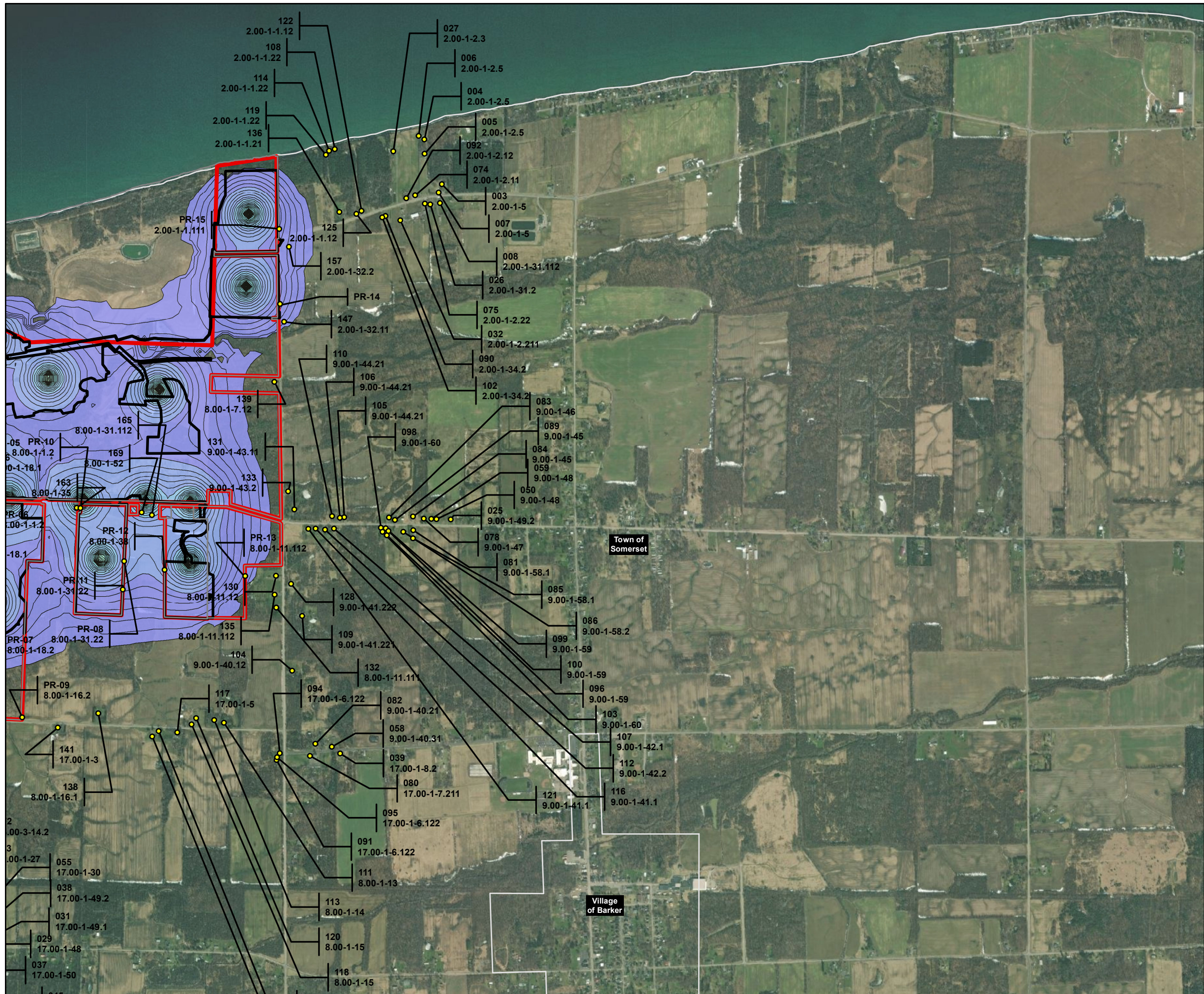


Figure 21A
Commissioning Construction Sound Levels, (dBA)
Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021

NOT FOR CONSTRUCTION



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - ▭ Project Parcel/Non-participating Property
 - ▭ Facility Site/Construction Area
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary

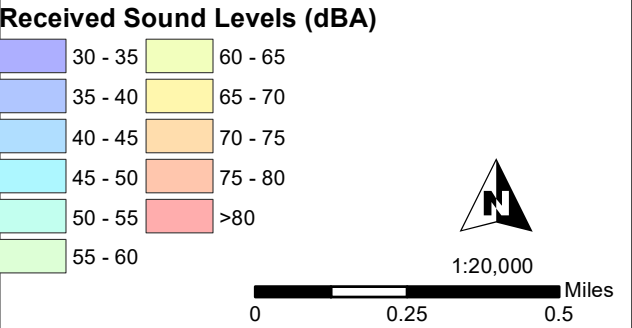


Figure 21B
Commissioning Construction Sound Levels, (dBA)

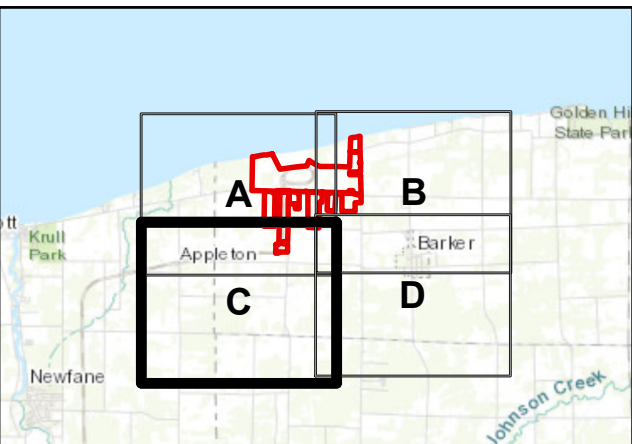
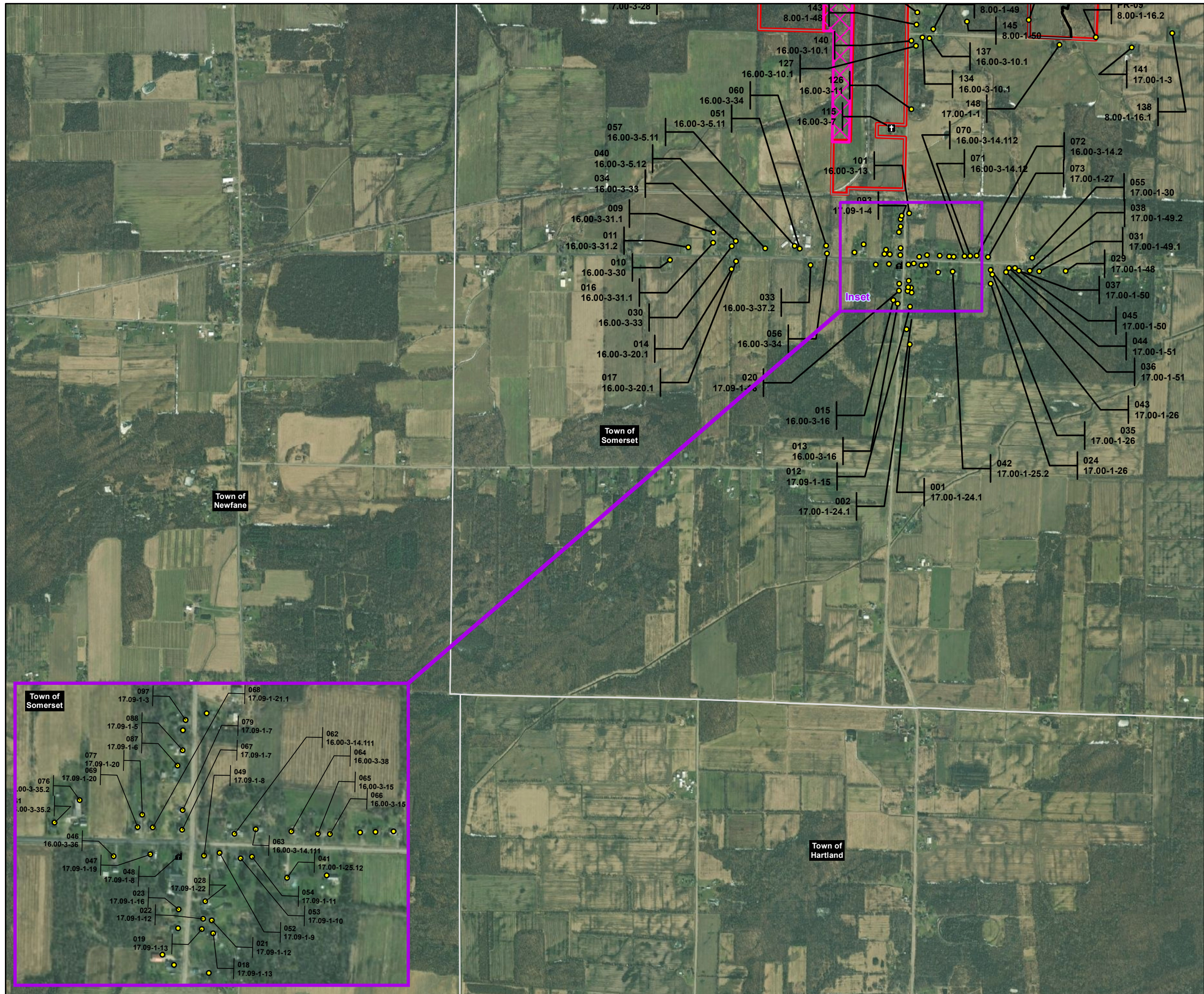
Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021

NOT FOR CONSTRUCTION

R:\PROJECTS\AES_SOMERSET\SECTION_94C\MAPS\Noise_Fig_21_11x17_ARCD_CommissioningConstructionSoundLevels_20230310.mxd



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Cemetery)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Church)
 - ▭ Project Parcel/Non-participating Property
 - ▭ Facility Site/Construction Area
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary
 - ▭ Utility ROW

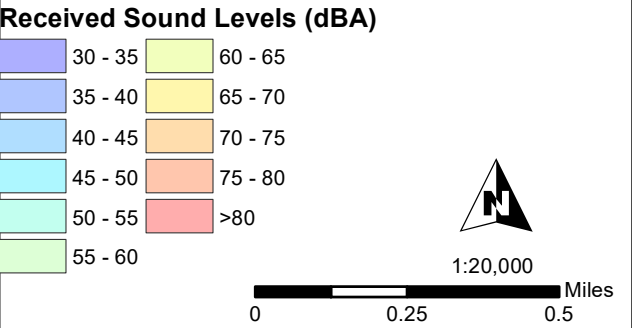
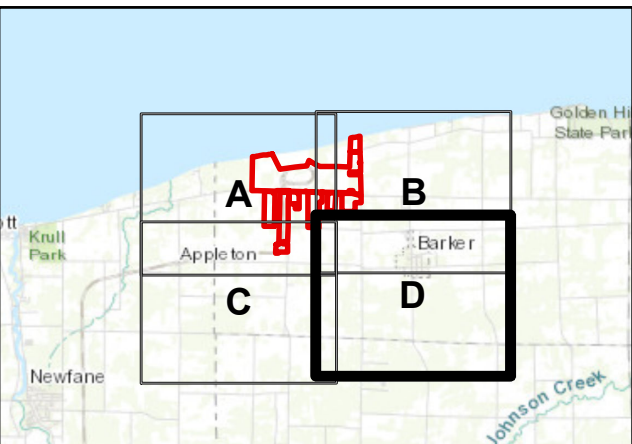
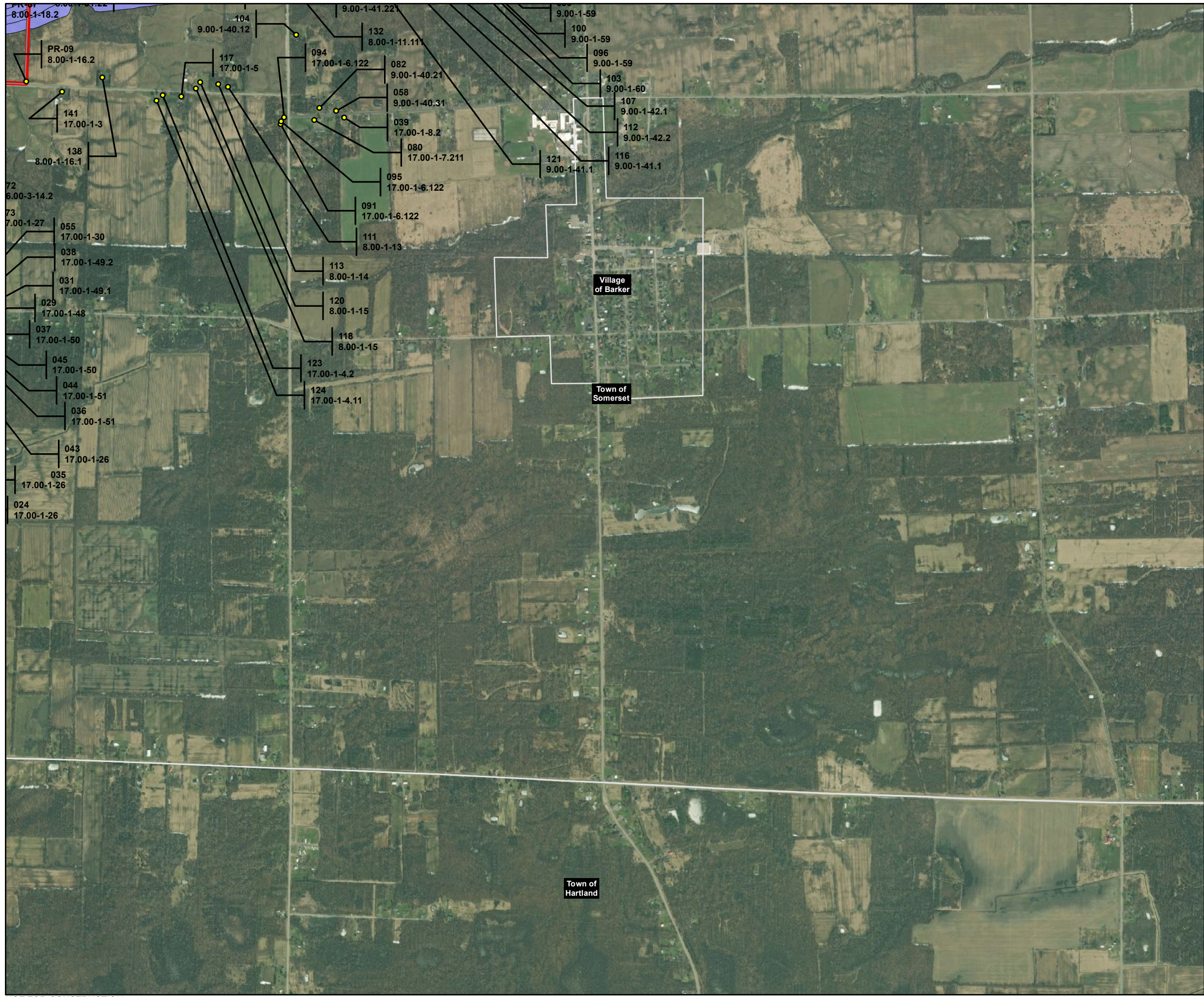


Figure 21C
Commissioning Construction Sound Levels, (dBA)

Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - ▭ Project Parcel/Non-participating Property
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary

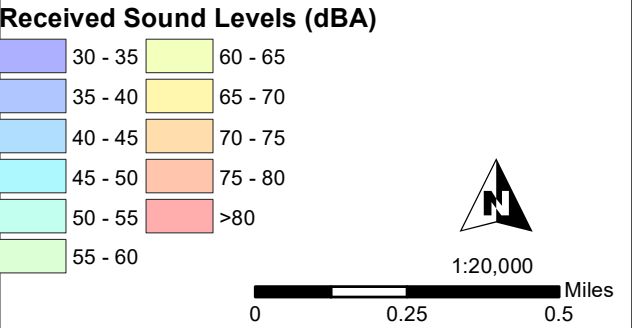
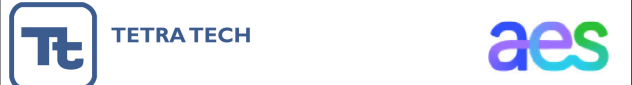
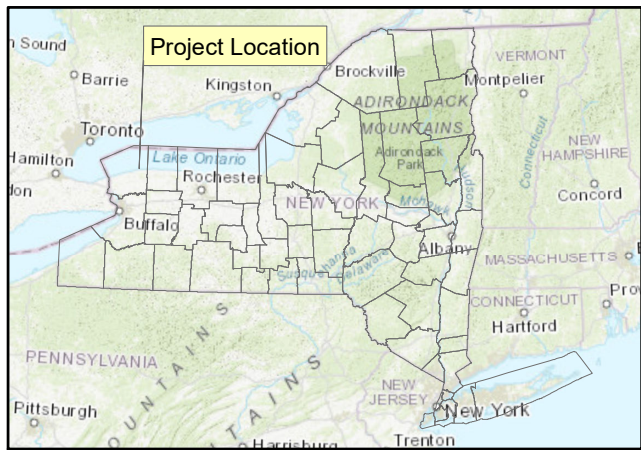
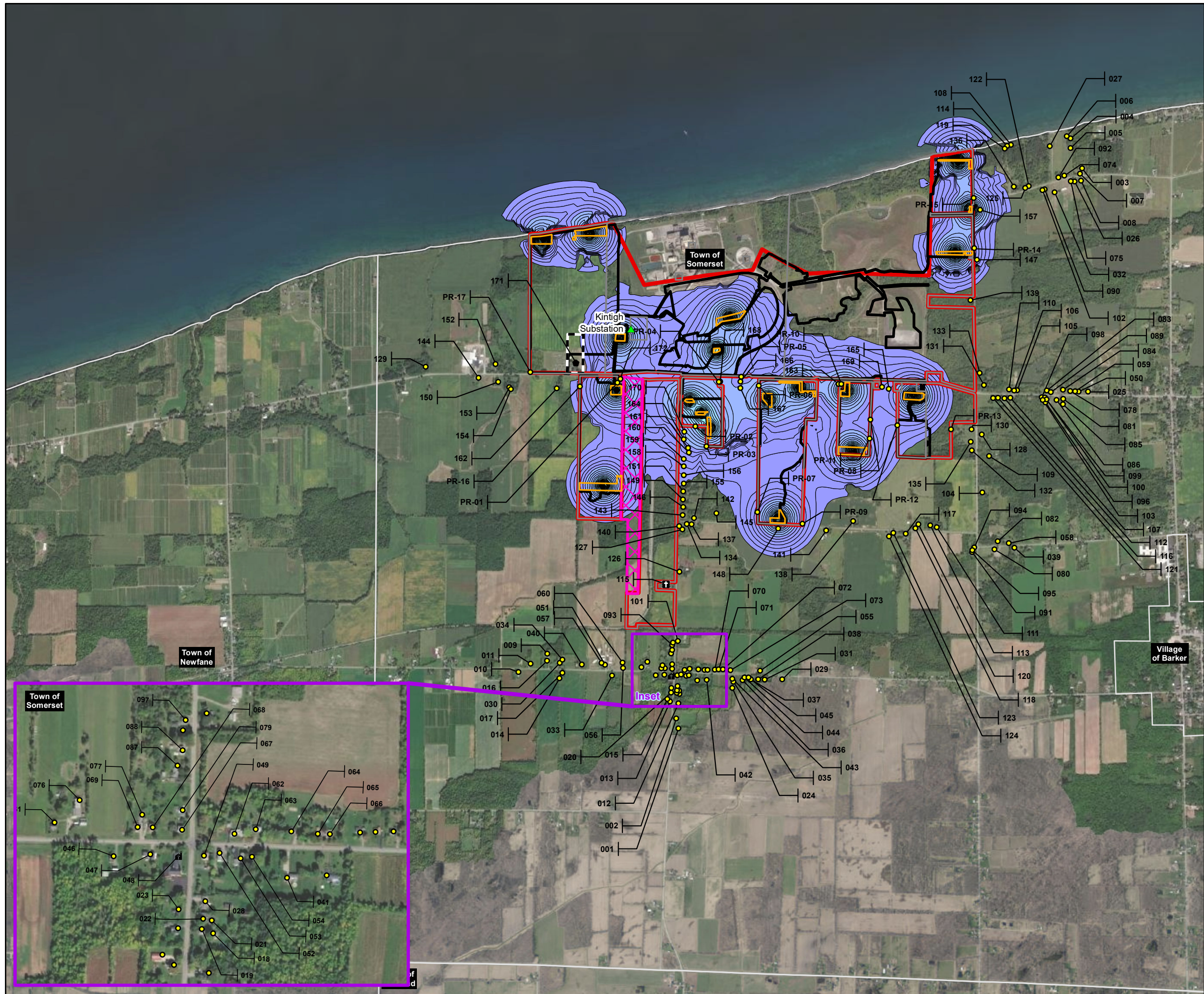


Figure 21D
Commissioning Construction Sound Levels, (dBA)

Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



Legend

- Noise Sensitive Receptor (with NSR ID)
- Noise Sensitive Receptor (Non-participating)
- Ⓜ Noise Sensitive Receptor (Non-participating, Cemetery)
- Ⓜ Noise Sensitive Receptor (Non-participating, Church)
- Ⓜ Noise Sensitive Receptor (Participating, Museum)
- ▭ Laydown Area
- ▭ Project Parcel/Non-participating Property
- ▭ Project Parcel/Participating Property
- ▭ Facility Site
- ▭ Project Site Boundary
- ▭ Municipal Boundary
- ▭ Utility ROW
- ▲ Kintigh Substation

Received Sound Levels (dBA)

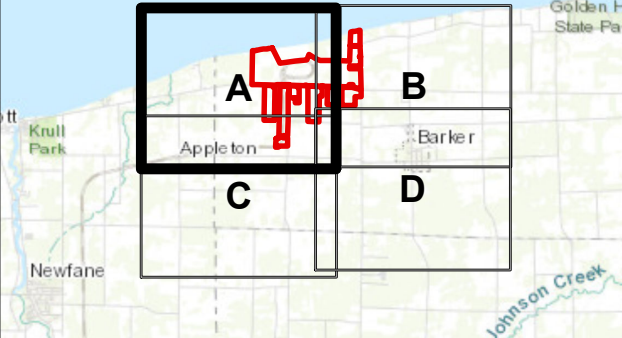
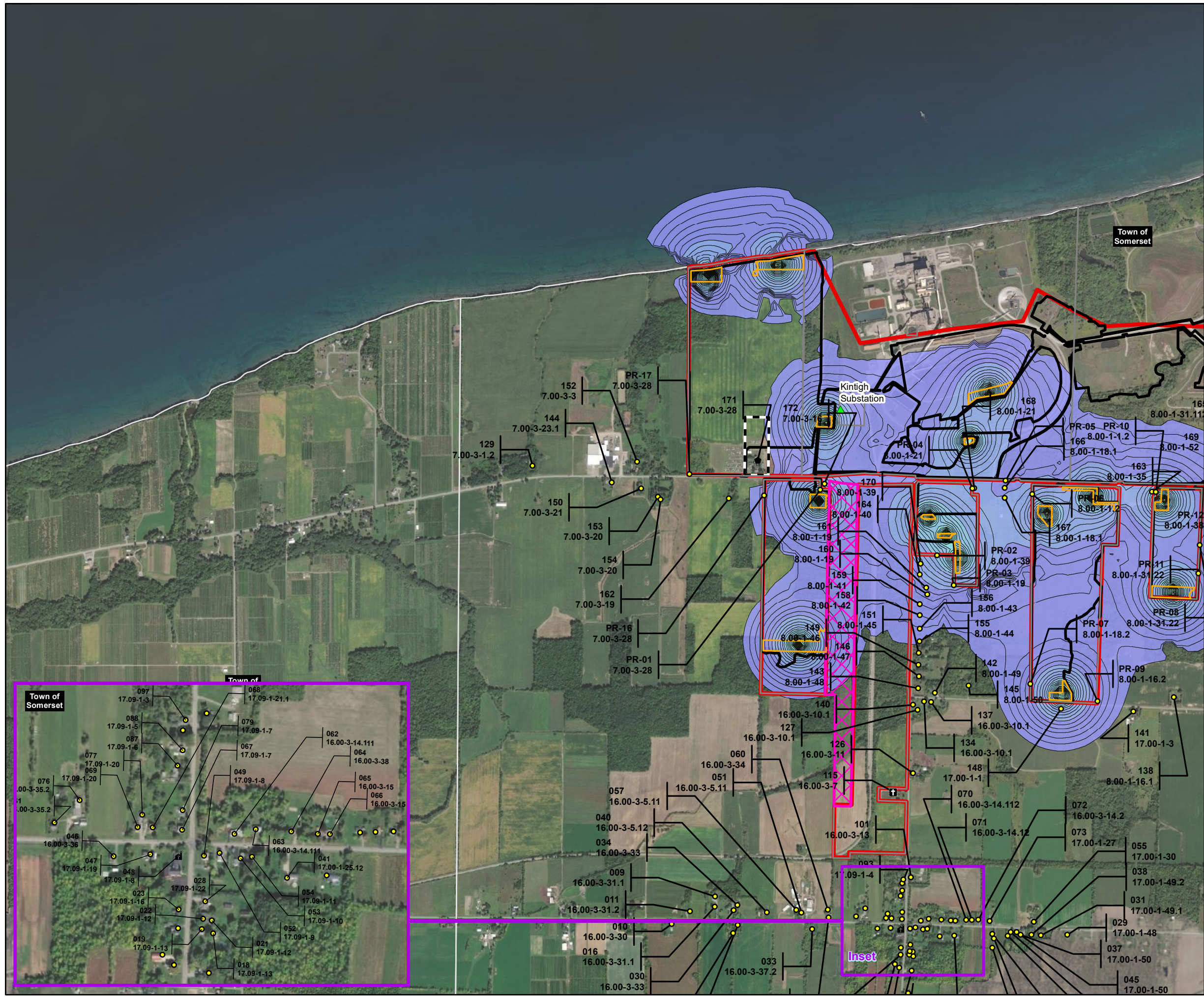
30 - 35	60 - 65
35 - 40	65 - 70
40 - 45	70 - 75
45 - 50	75 - 80
50 - 55	>80
55 - 60	

Scale: 1:30,000
0 0.25 0.5 0.75 Miles

Figure 22
Laydown Areas Construction Sound Levels, (dBA)
Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Cemetery)
 - Ⓜ Noise Sensitive Receptor (Non-participating, Church)
 - Ⓜ Noise Sensitive Receptor (Participating, Museum)
 - ▭ Laydown Area
 - ▭ Project Parcel/Non-participating Property
 - ▭ Project Parcel/Participating Property
 - ▭ Facility Site
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary
 - ▭ Utility ROW
 - ▲ Kintigh Substation

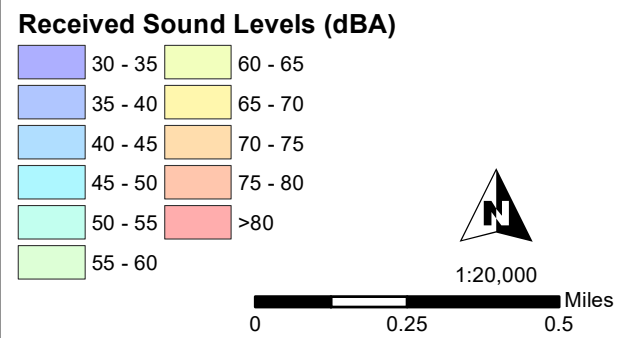


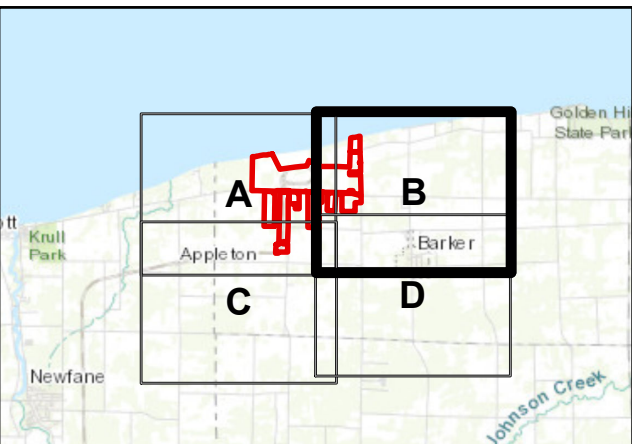
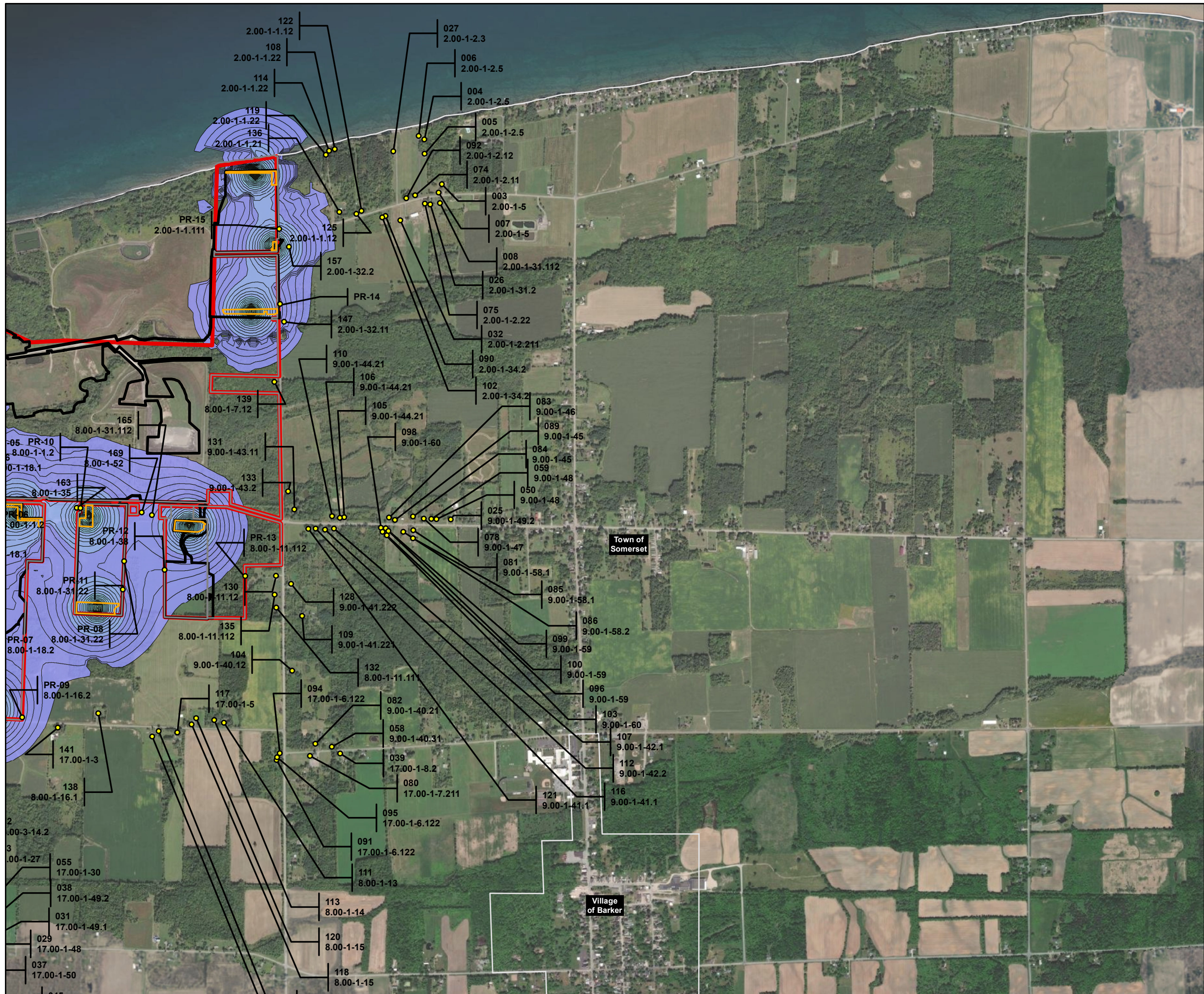
Figure 22A

Laydown Areas Construction Sound Levels, (dBA)

Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - ▭ Laydown Area
 - ▭ Project Parcel/Non-participating Property
 - ▭ Facility Site
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary

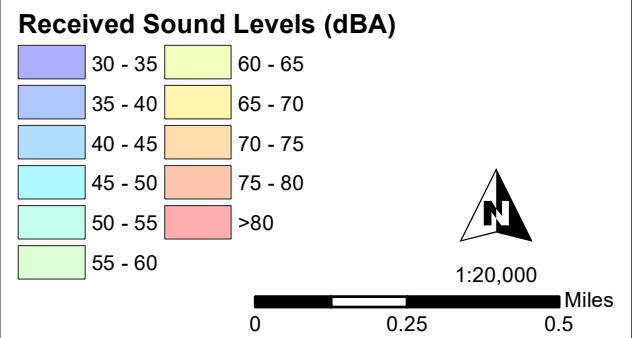
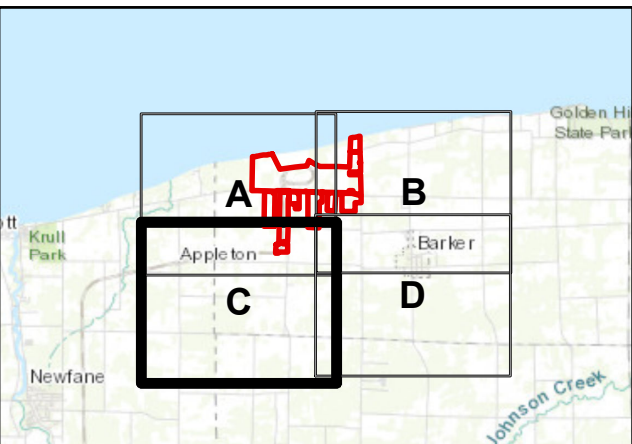
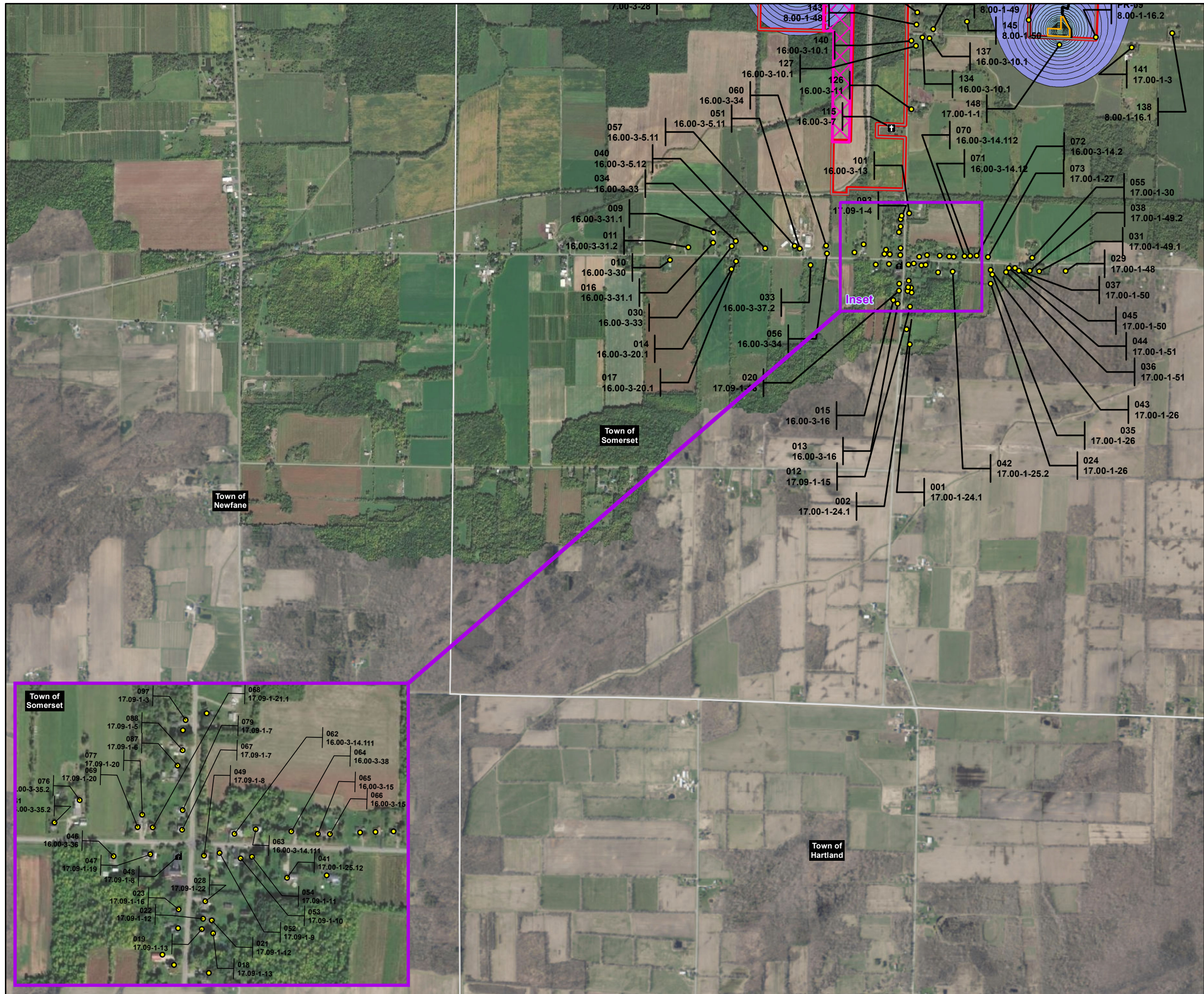


Figure 22B
Laydown Areas Construction Sound Levels, (dBA)

Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - Noise Sensitive Receptor (Non-participating, Cemetery)
 - Noise Sensitive Receptor (Non-participating, Church)
 - Laydown Area
 - Project Parcel/Non-participating Property
 - Facility Site
 - Project Site Boundary
 - Municipal Boundary
 - Utility ROW

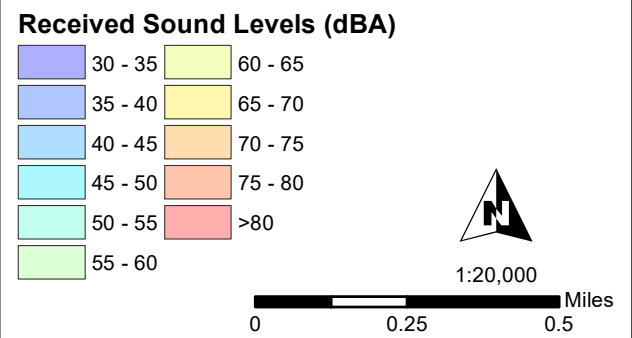
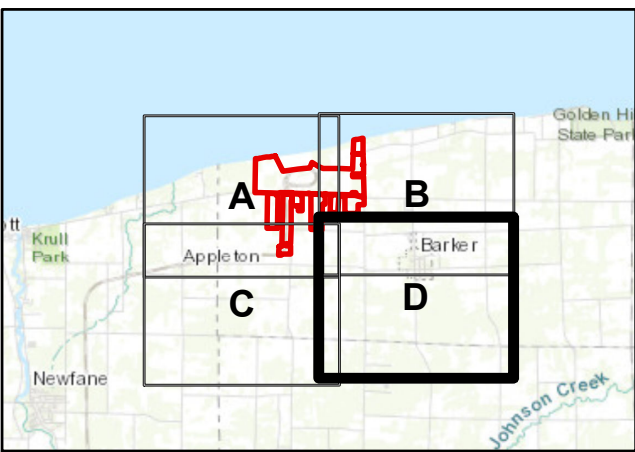
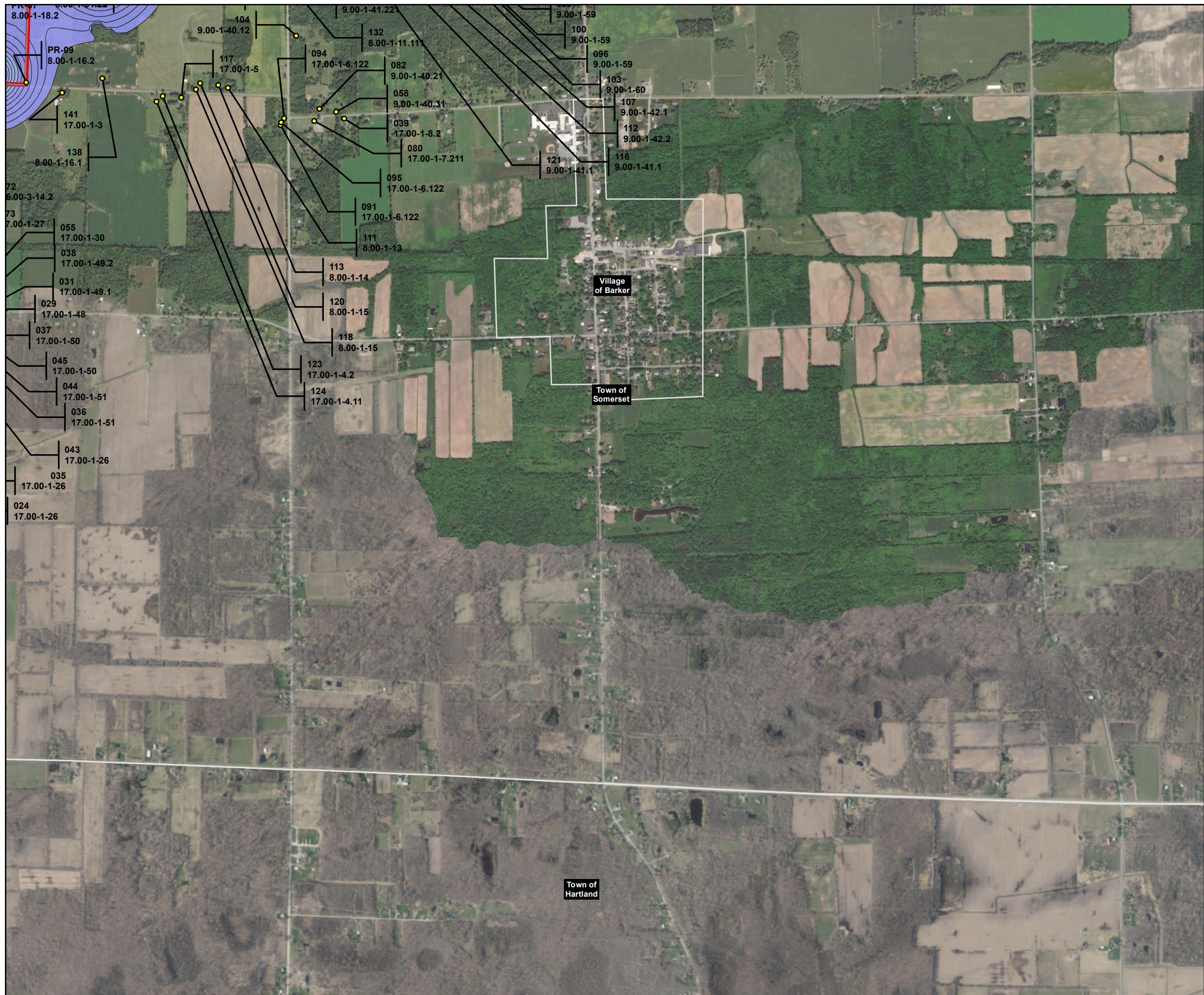


Figure 22C
Laydown Areas Construction Sound Levels, (dBA)

Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021



- Legend**
- Noise Sensitive Receptor (with NSR ID and Tax ID)
 - Noise Sensitive Receptor (Non-participating)
 - ▭ Project Parcel/Non-participating Property
 - ▭ Project Site Boundary
 - ▭ Municipal Boundary

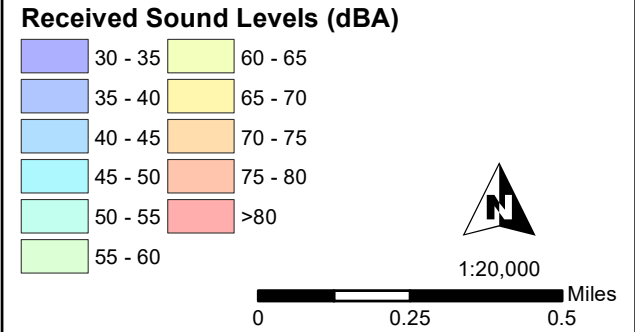


Figure 22D
Laydown Areas Construction Sound Levels, (dBA)

Somerset Solar
Niagara County, NY
March 2023



Source: Aerial Imagery- ESRI 2017/2018; NYS GIS Civil Boundaries, Sept 2021