

ViewSync Compliance Web Application Instructions

Program 19 (*Development Review Procedures*) of the City's Adopted Amended 6th Cycle Housing Element outlines the implementation process for the City's ODDS. Program 19 outlines that prior to the adoption of any objective standards for view preservation, the City will publish these standards online and make available any associated software tools to the public for at least one month for beta testing and to solicit public comment. The objective standards for view preservation can be found in the Draft ODDS document on the City's ODDS webpage at: <https://www.sausalito.gov/departments/community-development/objective-design-and-development-standards-odds>.

A beta version of the ViewSync Compliance Web Application is now available for beta testing. The ViewSync Compliance Web Application is a digital tool which can serve to evaluate compliance with the draft view standards prescribed in Chapter 3 of the City's draft ODDS. You can try it now at: <https://viewsync.us/>.

Please refer to the instructions below on how to use the ViewSync Compliance Web Application:

1. Create an Account

1. Go to the [ViewSync website](#).
2. Click **Sign Up** and complete the registration form.
3. Your account will be reviewed and approved (usually within the same day).
4. Once approved, you'll receive an email confirmation and can log in.

2. Upload or Drop a Model

After signing in:

- Drag and drop your **3D model** (KMZ) directly into the workspace. (Model prep help is below the drop zone.)
- The system will load it onto the city map and begin processing automatically.

3. Run a Quick Impact Preview

The **Impact Preview** gives a rapid initial assessment.

- Typical turnaround: **under 10 minutes** (often faster).

- You'll see which properties might be affected and a visual overlay of potential view impacts.
- Note: These are not necessarily actually impacted properties but a worse case preview. Actual impact is assessed with a high fidelity viewshed analysis available in the next step.

4. Click for a Full Analysis

For a detailed report:

- Select **Full Analysis** from the interface.
- You'll receive an email when the analysis is complete — typically **within 1–5 hours**, always **within 24 hours**.
- Light-impact models may finish in **under 1 hour**.

Restrictions (Beta Period)

To protect ViewSync's cloud computing resources during the beta period, the following limitations apply:

- **Five Full Analyses per User:** Each user may run up to five (5) Full Analyses. Additional permissions are required once this limit is reached.
- **Pre-Approval for Large Analyses:** Full Analyses involving 20 or more potentially impacted properties (as shown in the Preview) require pre-approval.
- **Preview Impact:** Preview Impact is unlimited and do not count toward the Full Analysis limit

Please contact support to apply for additional permissions.

How ViewSync Determines Potential Impact

ViewSync identifies properties that meet all of these conditions:

1. **View Corridor Intersection** – The proposed building's footprint lies within the property's line of sight to the water.
2. **Dynamic Distance Range** – The property is within a radius based on the building's height:
 - Up to **300 m** in extended cases.

3. **Comparable Elevation** – The property’s elevation is within **150 %** of the proposed building’s height contour.

Models included

Included are some testing models to show the system at work.

[links to models]

Note: Two of the models are intended to show features of the system –

- **AltosNapa:** The user will be prompted to enter an elevation in meters. The correct value is in the file name for convenience. This feature can also be used to preview the impact of different heights for the same model. My entering 14.5 meters vs the correct value of 15.84 meters as an example.
- **TooManyVerticeErrorDemo:** Demonstrates error handling for that case. The solution is to reload the page or upload a compliant model to reset. You can also test uploading any sort of file and see error codes.

Handy Tools

These optional tools can help you prepare, inspect, and view your 3D models before or after uploading them to ViewSync.

View Models in Google Earth Pro

You can open and explore your .kmz files directly in **Google Earth Pro**.

1. [Download Google Earth Pro](#).
2. Install the application and drag your .kmz file into the map window.
3. Use the built-in navigation tools to orbit and inspect your model.

Note: Google Earth Pro positions models for visualization using the **average elevation midpoint** and assumes level grading on sloped sites.

Zip and Archive Tools

A .kmz file is a compressed archive containing the 3D model (.dae) and related textures. To view or extract its contents, use an archive utility such as **7-Zip**:

- [Download 7-Zip](#) (free for Windows)
- Right-click a .kmz file and choose **7-Zip → Open Archive** to inspect internal files.

Windows includes basic zip functionality, but 7-Zip provides more control for inspecting or repackaging model data.