

**Xinyi Canada Glass Limited**  
**Virtual Public Information Sessions**  
**Stratford, Ontario**  
**December 3 and December 10, 2020**

**About the Virtual Public Information Sessions**

Xinyi Canada hosted two additional public information sessions on Thursday, December 3, 2020 from 2:00 to 4:30 p.m. and on Thursday, December 10, from 6:30 to 8:30 p.m. The first public information session was held on Saturday, November 14, from 1:00 to 3:30 p.m. and the questions noted were published in a memorandum available on the Xinyi Canada website. All sessions were advertised locally in the Stratford Beacon Herald.

The purpose of the second and third public information sessions was to provide information to the public about the Xinyi Canada Float Glass Manufacturing Plant Project proposed in Stratford, to hear comments and provide responses.

Residents registered for the meeting via WebEx. The format included live presentations which were followed by moderated question and answer periods. The presenters for both public information sessions included the following:

- Chris Pidgeon, MCIP RPP, Planning Consultant with GSP Group
- Eugene Macchione, Manager Permissions and Program Services with Ontario's Ministry of Conservation, Environment and Parks (MECP).
- Rob Wrigley, London District Manager with Ontario's Ministry of Conservation, Environment and Parks (MECP).

Xinyi Canada representatives participated in the December 10<sup>th</sup> meeting and responded to questions.

Sue Cumming, MCIP RPP, Cumming+Company, moderated the meeting. Questions were typed into the Q and A bar for the meeting and read aloud by the moderator. Other subject experts provided responses. These included: Henry Centen, P.Eng, Burnside Engineering; Shelly Forwell, P.Eng and Rushin Khakharia, P.Eng, Walterfedy, Rosalyn Miller, B.Sc.EP, Pincen and Jessica Linton, M.E.S., Natural Resource Solutions Inc.

For December 3, 2020, 61 individuals attended. 128 comments/question were noted from 20 individuals with most providing one or more comments/questions. Four individuals participated with between 13 and 25 comments/questions each.

For December 10, 2020, 35 individuals attended. 30 comments/questions were noted many from the same individuals.

## Summary of Public Comments and Questions Raised

This summary is intended as a record of “what was heard” - public comments and questions raised at the December 3 and December 10<sup>th</sup> Public Information Sessions. It is not a transcript of the meeting. It is organized by the themes and topics that were noted. Many of the comments and questions are verbatim. There were a number of questions asked more than once and by the same individuals. The panelists provided responses to questions and statements noted at the information sessions. The responses are not included here.

### Summary Table of What Was Heard – Comments and Questions from Participants

Topic	Synthesis of Comments and Questions Raised
Why Stratford	<p>Stratford has the lowest unemployment rate in the Province – 5.4% so selling this as a Shangri-la of job creation is a moot point. We already have plenty of jobs that remain infilled in the city.</p> <p>Why would the company want to come here when you are hearing from people at these meetings that there is push-back?</p>
About cost-sharing	<p>Why is cost sharing required? Why wouldn't Xinyi cover all the necessary costs for the project.</p> <p>If the company were to say go bankrupt, would Stratford taxpayers be responsible to pay for the clean-up.</p> <p>During COVID-19 many small businesses in Stratford and suffering and closing. Why do you think that the citizens should outlay 6 million in taxpayer funds for a foreign investor instead of looking after companies suffering and closing now?</p>
About Xinyi Canada Limited	<p>What expansion plans for additional float glass lines in Stratford does Xinyi have?</p> <p>How does Xinyi differ from other manufacturers in that Xinyi requires guard stations?</p> <p>How is it that 3 other Xinyi businesses in Canada result in 80 total employees yet ours will result in 380?</p>
About the type of products that would be manufactured at the plant	<p>Exactly what products will be made in this facility?</p> <p>Will there be products made that are not just clear glass? What is used in the coloured glass to add the colour or additional features?</p> <p>Will the plant produce products such as auto windshields?</p> <p>Will they be making/producing solar glass at this facility?</p> <p>You said that vehicle windshields will not be manufactured. Does this mean that Xinyi will have no impact on the automobile supply chain?</p>
About jobs and employment and workers	<p>I am not seeing any employees on slide 54 - so, all robotics.</p> <p>Most of the jobs 60 – 70% are non-specialized i.e. warehousing, shipping, etc. how many of these jobs will be filled locally on day 1?</p> <p>Will Xinyi be selecting Canadians for senior level on-site management positions?</p> <p>Where is the labour force expected to come from?</p> <p>Is there a requirement for any employee to speak Mandarin other than a few top management that will need to communicate with China? We heard about the job posting that required Mandarin that was posted for the Guelph site. What is the number of temporary workers that will be employed and duration of employment?</p> <p>How many workers will be living at the facility and why? Will the foreign workers have the guarantees of Canadian and Ontario labour standards? Will Chinese citizens working in the plant to restricted by the Chinese government at all on where they can go or what they can do?</p> <p>How will Chinese experts teach the local English-speaking employees?</p>

Topic	Synthesis of Comments and Questions Raised
About process	<p>Have any of the reports listed on slide 31 of the GSP Presentation (referring to 10 technical studies) been peer reviewed?                      GSP Group has prepared a Planning Justification Report for the proposed Xinyi site. When will this report be available to the public?                      Was this project peer reviewed?                      Comments/question about the Ministers Zoning Order</p> <ul style="list-style-type: none"> <li>• Why was a MZO needed to move this project forward?</li> <li>• Did Xinyi or GSP ask the Province directly for an MZO? Was it recommended by the City or Invest Stratford?</li> <li>• Where was the public consultation in this project? This process seems to ask for public consultation after the fact.</li> </ul> <p>This factory at 2000 tonnes per day will be one of the largest glass factories on the planet. The consultants have refused to call this heavy industry. What would be the effect, and what changes would Xinyi need to make if this were heavy industry?                      Comments about slide 46 in GSP presentation which shows an industrial subdivision on the lands.</p> <ul style="list-style-type: none"> <li>• How did you arrive at slide 46? What comparatives did you use or source? What were the alternate industries used in this example?</li> <li>• Slide 46, your alternative heavy industrial park is pegged to consume 2.6x as much water as Xinyi. This would translate to saying the alternate park would consume 65% as much water as the rest of Stratford combined. I am skeptical. You need to prove this.</li> <li>• This fictitious business park isn't relevant. It would take years for that to ever be an issue. There are already serviced sites within the city that would be filled before this would ever come into play.</li> <li>• The alternative use assumes that the lands would have been turned to industrial use if this plant does not proceed. The land was appropriated and rezoned specifically for this project so is comparison is invalid.</li> </ul>
About environmental approvals	<p>Was this project peer reviewed? When was the 45-day review posted on the Environmental Registry for this project? Are we expected to approve it without the information about the environment? But they want us to approve this blindly before the approval. Once construction is started. Its too late.                      What steps can be taken to enforce future compliance when the industry requires continuous operations 24/7? Does the government have the legal means to force the factory to stop production even though to do so would damage the factory?                      This stuff is a waste of time, I am out of here. I didn't join to have someone read the environmental acts.                      This walk through of Ontario environmental regulations is not really that helpful.                      What matters are the results of assessments.                      Will the Ministry of the Environment rely on data supplied by Xinyi of air quality or do their own testing?                      Is Xinyi discussing a emergency "hot hold" potential scenario with the government, which creates much higher NOx emissions but means that the factory is not completely shut down (for example when demand is depressed due to unforeseen circumstances like COVID-19)                      I have heard from a reliable source that Ontario's standards in some environmental areas are lower than some of China's. Please explain.</p>

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About construction	<p>Who will be carrying out the construction?</p> <p>Was the plant designed for our harsh winters? Only reason I ask is that – Harvest Power built a million-dollar bio-digester in London, Ontario and I believe since has gone bankrupt due to the system being designed for</p> <p>Are there plans for solar panels to be installed at construction? Some of the images put out have panels on the roof.</p>
About how the facility and site will operate	<p>Questions about natural gas and electricity and alternatives</p> <ul style="list-style-type: none"> <li>• How much natural gas and electricity will the plant consume – daily? annually?</li> <li>• Will Xinyi consider hydrogen as a fuel for the furnace rather than fossil fuels, as other manufacturers are doing?</li> <li>• How much hydro is needed to run the ovens as a backup?</li> <li>• Using electricity rather than gas for 80% of the furnace’s energy needs will reduce the overall CO2 emissions of a container glass factory by 50-60%. Explain why Xinyi can’t pursue electricity as an energy source during a client emergency?</li> </ul> <p>Questions about whether diesel fuel will be used.</p> <ul style="list-style-type: none"> <li>• The factory has a diesel fuel facility for the furnace and a large diesel fuel storage tank on site. Will the furnace run on diesel fuel? The technical drawings show a diesel reversing room opposite the natural gas reversing room next to the furnace. This indicates that the furnace will use direct diesel fuel at least some of the time. Does the Pollution modelling show the result of the diesel?</li> </ul> <p>Questions about what chemicals will be used in the production process?</p> <ul style="list-style-type: none"> <li>• What chemicals are being used with water? Fumaric acid is added to the water for cooling, how do we know that this will not be a pollutant problem? City does not currently monitor this type of discharge.</li> </ul> <p>Where is the research and development site located?</p> <p>Is there an existing float glass plant in the world that already uses the pollution control technology in this proposed plant?</p> <p>How are scrubbed materials removed from the site? Are they removed from the site as liquids or solids and where will they be taken for disposal?</p> <p>Can local recycled glass be used to produced float glass?</p> <p>How will the Waldie municipal drain be rerouted?</p> <p>Are any (and when) of Xinyi’s manufacturing sites in the USA approaching the end of their furnaces term (12 - 15 years).</p> <p>If you have to rebuild the furnace after 12 years, what happens to the employees while you are down for 9 months?</p>
About the emergency preparedness centre	<p>Is there a plan to house employees on the site? Will there be any sleeping quarters on the site? Will people visiting from China be allowed to sleep in the plant?</p> <p>Why would Xinyi need onsite housing for emergency preparedness when other float glass plants in North America do not? No other North American or European float glass makers have staff residence quarters, nor an emergency preparedness centre at their plants. At those plants, the experts needed are always on shift working (30 per shift for a 750 tonne/day factory). What is so different with Xinyi? Is it more dangerous? Please clarify that you said there would be 12 on standby for emergency, so why do you need a capacity of 50? Even multiplied by the 3 shifts mentioned that is only 36.</p> <p>Do those employees have other homes in Canada?</p>

Topic	Synthesis of Comments and Questions Raised
About the emergency preparedness centre (continued)	<p>You said no cooking facilities in the emergency centre, but schematic drawings show kitchens. Please clarify.</p> <p>I have been in a lot of 24-hour plants and have not seen any that require beds. Why do they need beds if nobody is sleeping there? Why do they need rooms to sleep? They are not firefighters, and how many hours will they be spending there for a shift? If they will be paid hourly for those shifts, why do they need beds?</p>
Traffic and transportation	<p>What is the total number of truck trips?</p> <p>Will the truck traffic be restricted to provincial highways and avoid rural roads that are not constructed to handle Tractor truck traffic?</p>
Air quality	<p>What will be the annual GHG emissions? My calculation is 362 million kilograms. Where is the air quality report with detailed emissions amounts?</p> <p>As I read in the documentation on the output of the stack it will contain sulphur dioxide and nitrous oxide, both on the toxic substance list of Government of Canada. Steam mixing with sulphur dioxide produces Acid rain. Very concerned about this.</p> <p>Does the air quality report include the effect of hundreds and hundreds of trucks each day? Will Xinyi require truck engines to be at least tier 4 diesel?</p> <p>Will the increased water vapour be released into the air cause erosion down wind due to extra rainfall?</p> <p>Who is responsible for air testing to confirm that the scrub system is working and what is the ongoing schedule for that?</p> <p>What sorts of components will be included in the particulate matter?</p> <p>My concern is with prevailing winds which here are west to east. The plant stack is located on the west side of Stratford. Do air quality emissions worry you as they will cover the whole city?</p> <p>Who is doing the air quality testing?</p> <p>Suggestion has been made that the air quality will double to the emissions that we already have. This is an important point as our air is good and we do not want it to be near or higher toward the provincial limits. We need to know what it is and what it will be?</p>
Environment	<p>What is the environmental impact of the heat of the furnace on the flora and fauna of the remained woodlot habitats?</p>
Water use and water on the site	<p>How many times is the water recycled?</p> <p>How much water is used for the creation of hydrogen and oxygen for the glass furnace and process?</p> <p>The community is concerned that Xinyi may drill a well in the future. Is that within their legal right as property owners?</p> <p>If we have so much water, why has Stratford in the past been placed on water restrictions during the summer months? In the past, there have been instances of draught and residents have been asked to not water their lawns, etc., to preserve water. Is there a guarantee that with the extra draw on water, that this might be a concern if there is another draught? Any comments.</p> <p>What happens when there is a water supply problem with climate change? What happens for the residents' water use if Xinyi needs so much water?</p> <p>The water used to cool the glass comes from the city. To be clear it is city treated water – chlorinated drinking water?</p> <p>Is the annual water usage for one glass production line for two potential glass production lines combined?</p>

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Impact to neighbouring properties	<p>Slide 24 says 150 metres from residences on Highway 7. Slide 42 shows 100 metres?</p> <p>Any information from current residence living around the already operational plants regarding daily impacts... smell, noise, pollution is surrounding water tables.</p> <p>I am concerned about ground vibration possibility damaging nearby buildings during the 3-year construction phase. Can you direct us to the Provincial Act regulating vibration, and the studies and technical reports with ratings and mitigation for this project?</p>
About other locations	<p>Would a brownfield site not be more suitable for this facility?</p> <p>On slide 11, didn't Xinyi first seek to locate in Guelph-Eramosa before Stratford?</p> <p>The Loyalist East Business Park, located on Taylor Kidd Blvd, situated west of Kingston, Ontario was very in locating Xinyi on their lands. Can you describe the constraint which lead to the disqualification of the site from being selected?</p> <p>Are there any alternative locations to this project? I have heard that it may go to Mount Forest next.</p>