


Wash Pointe Car Wash

Wash Pointe Car Wash <washpointecarwash@gmail.com>

Mon 6/3/2024 9:12 PM

To: Matt Lonnerstater <MattLonnerstater@madison-heights.org>

 7 attachments (4 MB)

1510477 WASH POINT CAR WASH, MADISON - PRELIM - REV1.pdf; Sound Meter T4-DD-40HP-Outside.pdf; 16300000-01 (1).pdf; IMG_4116.JPG; IMG_4119.JPG; IMG_4113.JPG; IMG_4118.JPG;

Matt,

Thank you for meeting today. I have prepared a summary for addressing the concerns of the city council with our previously proposed site plan.

"Changing from angle parking to 90 degree parking space allows for two-way circulation. If a customer needs to leave prior to washing their vehicles or if an emergency happens, changing the angle of the parking spaces to 90 degrees allows for a safer and more efficient exit.

Sound level meter readings performed by Vacutech show that the turbine will produce 38 decibels of noise pollution at 30 feet with no structure and 23 decibels with a structure. These were taken outside of a 8' x 10' x 8' cinder block enclosure with concrete slab and no roof. The location of our turbine will be placed in a similar room with two more cinder block walls and a roof making the decibel readings even less. The nearest resident property line is approximately 60 feet away with an additional cement wall adding to the buffer. The turbine will not be heard over ambient sounds at the property line. An expert will be present to explain this further.

We currently have canister vacuums installed on our site. There is no way to isolate canister vacuum noise from the neighborhood. Each canister vacuum produces a minimum of 60-70 decibels units when active. The centralized vacuum system main motor will be located inside of our building. This unit is what will produce all of the noise pollution. It has a VFD (variable frequency drive) that will help conserve energy and decrease noise. The decibel readings in the study are based on the worst case scenario of every hose being activated at the same time. The motor will not continuously run. It will only turn on when a hose is activated and ramp up in power as more hoses are used. The vacuums will be turned off at closing hours and resume at opening hours also decreasing the noise pollution in the neighborhood.

We will utilize our existing garbage dumpster. There will be no increase in trash. The modified vacuums are for our existing customers and will not increase the number of customers utilizing our wash. We recently did the same upgrade at our Roseville location and our trash situation is similar. It has actually decreased the amount of trash on the lot by upgrading our previous trash receptacles to a more closed off, smaller version. Customers are no longer able to place obscure, larger items into the trash receptacles. "

I have attached all relevant files and photos you requested. Please reach out to me if you need more or need verification.

Unfortunately it seems as our vacuum and decibel expert will be unavailable 6/25, 7/2, and possibly 7/9. Is it possible to do 6/18 or to push it back after these dates? We feel having him present will strengthen our case.

Thank you,

Brian Weichel
General Manager
Wash Pointe Car Wash
586-859-1882