

Additional Information EAP

1) Complete process description of the concrete batch plant.

The process starts with loading the bins in the batch plant with sand and gravel. These materials along with cement powder are weighed then conveyed into the drums of the concrete trucks. Next water and additives are added to the drums at the same time. The mixture is then mixed and the trucks are sent to the job site.

2) Maximum operating schedule.

8hours/day, 5 days a week. The batch plant runs year round, weather permitting with it's busiest season between May-November.

3) Maximum production rate.

From August 1, 2012- July 31, 2013 the batch plant produced 9400 cubic yards which is equal to 25.75 cubic yards/calendar day.

4) List of emission activities. Control methods to be used for emissions.

Fuel emissions are emitted from the concrete trucks and the loader. All the trucks as well as the loader are up to date therefore they emit the least amount of emissions possible. The trucks and loader are turned off when they are idling to try and lower the fuel emissions emitted as well. There is a boiler in the batch plant that is only used in the winter months to heat the concrete materials. It runs off heating fuel. The boiler is run at a maximum of 100hrs/ winter to lower its emissions. The vehicles and concrete trucks that enter the yard do create some dust emissions. Dust suppressants are used on the gravel in the yard to try and reduce those emissions. The gravel piles are also sprayed with water every now and then to try and reduce the dust emissions as well. Loading of the cement silos does produce dust emissions. Those are controlled by a bag house.

5) The berm was created after the site visit in May for our own due diligence along with a number of cleanup activities (hauling scrap metal away, returning expired fuel tanks...etc) The left over concrete is in fact poured into molds to form concrete blocks. It is only the wash out (from the concrete truck's drums) that is washed out within the confines of the berm. We found that by doing it in this manner the dust emissions were reduced.