



## **Concrete Batch Plant Mitigation Plan**

This plan is to discuss mitigation for the temporary concrete batch plant to be used for the CUWCD Santaquin Reach Project.

## **Dust Control:**

- Set up SWPPP for Batch Site location with appropriate agencies.
- Sand & Gravel needed for the batch plant will be hauled into the site and will be watered regularly to minimize air born dust.
  - During wind/atmospheric events more effort will be added to minimize dust.
- Roads being utilized to haul sand & gravel to the site will be water using a water truck to dampen the roadway and minimize dust.
- Concrete Powder used will be stored in approved storage facilities not limited to the following:
  - Batch Plant Bag House
  - Powder Bulker Trailer
  - Concrete Storage Guppie
- Concrete Powder uses air to blow off from the bulker trailer to the Batch Plant Bag house,
  VanCon inspects the plant daily and at times this blowing off appears to be dust, but it is not.
  - When blowing off, VanCon will control the rate to blowing off depending on atmospheric conditions to minimize air born cement powder dust getting into the air.

## Noise:

- The portable batch plant utilizes 3 phase power to run and is always preferrable to have temporary power connections to minimize sound, however, if 3 phase power is not readily available a generator is required. It is best to utilize sound attenuation generators.
- Batch Plant, Conveyor, and Hot Water Heater all require power to operate.
- Noise is greatly reduced when on temporary power. It is anticipated that temporary power will be used for the project.
- Standard Operating Times will be during Santaquin City Construction working hours Monday Saturday. Sunday operation would be on a case-by-case basis and would be approved prior to doing.
- Nighttime operation of the batch plant is not anticipated for the project, however, if needed, VanCon would seek proper permitting with Santaquin City and provide ample time.

## Traffic/Appearance:

- The batch plant stands in the air like a 2-story building during operation and looks this way until it is removed.
- Delivery of Sand & Gravel, Concrete Powder, processing, and delivery is an ongoing process and heavy truck traffic is consistent during the entire process.
- Security is a high priority to ensure public safety by locking up equipment, making it inaccessible as much as possible.