**Operations and Maintenance Plan**

**Sun Rype Products USA**

1 Railroad Ave

Selah, WA 98942

509-697-7292 Main Office

Washington State Waste Discharge Permit Number ST0009261

**Overview**

Sun Rype Products USA is a fruit processor and bottler. Wastewater generated by the North bottling line, Processing area and the dumping area is collected in floor drains that lead to a sump located at the facility. Drains from the North bottling line and processing area pass through inline screens designed to remove any trash prior to arriving in the sump. Wastewater from the evaporator area and the West bottling flow into a pit and then through the flow meter into the main pipe to the Selah City Industrial treatment plant.

From the sump, wastewater is pumped over rotary screen and scraper to remove coarse solids. Waste coarse solids are collected in a bin and disposed of daily, or more often if necessary.

With the coarse solids removed, the water pumped into a 3760 gallons settling/micro tank. The purpose of this tank is to twofold, first to aid in reduction of BOD by introducing beneficial microbes to the water and second to provide an area to allow some settling of fine particulate matter prior to discharge to the City of Selah POTW.

All wastewater generated at the facility is treated at the City of Selah Industrial Pretreatment Plant before entering the City of Selah Pretreatment facility.

The wastewater mitigation measures employed by the facility are not designed to achieve significant reduction in any typical parameter measured for wastewater. These measures have been undertaken in an attempt to reduce the financial burden to the facility for use of the City of Selah Industrial Pretreatment Plant. No additional testing or monitoring is required.

**Equipment**

Sump Pump

Five horsepower pump

Operational Controls

 Power switched located in breaker box on North wall of Blue Room.

Rotary Screen

Operational Controls

Power switches located on East wall of Blue Room.

Settling Tank

 3760 gallons

 Located immediately South of the Blue Room

**Maintenance Plan**

Operator checks Daily

1. Ensure system is in auto
2. Ensure flow is greater than 100 GPM
3. Check inline screens and clean if necessary
4. Check rotary drum for physical damage

Maintenance checks Monthly (See attached PM)

1. Check impeller for wear and functionality
2. Inspect screen and scraper for any wear and effectiveness.
3. Check flow rate is higher than 100 GPM
4. Check probe system in pit is functioning properly
5. Inspect effluent sampling cabinet is in good repair
6. Ensure no tanks are leaking.

Settling Tank

Drain and remove solids from the tank approximately semi-annually.

**Change Log**

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| Issued | Supersedes | Reason |
| May 19/19 | February 25, 2014 | Updated and reviewed |