

# **Fish Creek Pollution Prevention Plan**

## **Fish Creek Quarry M10-01960**

**July 1, 2019**



**Star Stone Quarries, Inc.  
4040 S. 300 W.  
Salt Lake City, UT 84107**

# **Storm Water Pollution Prevention Plan**

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## **A. Planning and Organization**

This plan has been prepared in accordance with the guidelines for the Department of Environmental Conservation Division of Water guidelines. The manager of the quarry operations will lead and put into practice all planned activities in this Storm Water Pollution Prevention Plan. As manager over all operations, he will be best suited to fill this role.

## **B. Assessment**

### **1) Discharges**

No natural water sources exist on this site other than storm runoff. Therefore, Star Stone's efforts directly focus on properly planning and maintaining runoff areas. All run offs drain down into a retention pond. See plate 1 for direction of water flow.

### **2) Material Inventory**

Materials that are stored on-site include: Oil, Hydraulic Oil, and Anti-Freeze. Materials are stored so as to minimize spillage when filling equipment.

### **3) Site Evaluation Summary**

Site is causing minimal impact to water drainage mainly because of a constantly changing workforce. By taking adequate measures, as outlined herein, these effects can be nullified.

## **C. BMP Identification and Selection**

### **4) Good Housekeeping**

In order to ensure the cleanliness, safety, and efficiency of this site Star Stone Quarries plans on the following:

- ✓ Storing materials so as to minimize leakage
- ✓ Using small jugs to transport oils for maintaining machines
- ✓ Working to identify and repair machine leaks quickly
- ✓ Performing daily cleanup of material storage area
- ✓ Training employees in best practices techniques

## **Housekeeping Schedule**

- ✓ Daily Quarry Working face Inspection
- ✓ Daily equipment inspection
- ✓ Annual Employee Training and Re-certification

## **5) Preventive Maintenance**

As part of the plan for preventative maintenance we have hired an additional employee whose number one responsibility is to make minor repairs on equipment. Since doing so we have been able to fix multiple small leaks which were evading our radar before. We have switched from hand pumps to pour spouts to decrease solvent spillage when servicing machines. Also as part of our daily checklist to check safety and working conditions of the site, we check the material storage area and will work to repair any problems.

## **D. Implementation**

### **6) Implementing Appropriate Controls**

To ensure proper implementation of this plan we will be training all employees in the following:

- ✓ Material handling safety
- ✓ Spill prevention
- ✓ Spill response
- ✓ Proper disposal of materials
- ✓ How to check for potential hazards
- ✓ How to check for proper storm runoff remediation
- ✓ Specific responsibilities for certain aspects and checkups on the work site

As many of our employees are new and still in initial training periods, this training will be easy and natural to fit into daily work schedules. By completing a well-rounded training of all site employees, we can ensure a much healthier and safer environment for everybody. Through this training we can enumerate to each employee the goals of this storm water pollution prevention plan and create a greater awareness of proper environmental concerns.