

Attachment D.

Operations Procedure Communication with Sweetwater Authority

Cottonwood Sand Mine Operations Plan Water Transfer Communication with Sweetwater Authority
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PURPOSE

The purpose of these procedures is to ensure that Cottonwood Sand Mine (Cottonwood) is notified of any water transfer or emergency release of water, whether intentional or un-intentional, from Loveland Reservoir to allow Cottonwood to respond appropriately. These procedures cover general notification, response, and reporting. They apply to workers, supervisors, area managers, site security and emergency responders.

These procedures are meant to allow efficient water transfer by Sweetwater Authority from Loveland Reservoir to the Sweetwater Reservoir using the Sweetwater River. These will be implemented to avoid impeding water flow, downstream property damage, potential safety hazards and pollution of water being transferred.

Cottonwood has granted Sweetwater Authority permission for access to the Cottonwood property to continue monitoring of groundwater conditions from two water wells located at the southwestern (Harwood or Ivanhoe #11) and northeastern property lines (Cottonwood East or Lakes #11) of the property. These two wells will be left in place for Sweetwater Authority's use after extraction operations have ended.

Notification and ResponseSweetwater Authority

Sweetwater staff will notify Cottonwood staff by telephone of an expected date and time of water release. This notification shall be done 48 hours in advance of the expected release. It is understood that Sweetwater Authority increases the release rate in steps in accordance with observed channel conditions downstream. As this release rate is to be increased, Sweetwater will notify Cottonwood Staff one (1) hour in advance of any increase of the water release.

Sweetwater Authority will contact Cottonwood when a groundwater monitoring event is planned. This contact shall occur, at a minimum, 48 hours in advance of the event. Sweetwater Authority will be responsible for all monitoring costs and will follow all safety regulations and procedures required at the mine site.

Cottonwood

Cottonwood will prepare to move or secure staff, mobile equipment, conveyor and materials from the existing channel. Cottonwood will continue to monitor the water release elevations at the mining site and, as necessary, move the equipment to higher elevations. Cottonwood will notify Sweetwater of water flow and operational conditions at the mining site as changes occur.

Cottonwood shall provide access to the two wells as requested and shall provide a safety briefing to Sweetwater Authority staff members at the start of each monitoring session. Cottonwood will maintain electrical service and operating water pumps for both wells during extraction operations.

Contacts

Sweetwater Authority

Primary Contact

- Name: Erick Del Bosque, Sweetwater Authority
- Phone: (619) 409-6752

Secondary Contact

- Name: Israel Marquez, Sweetwater Authority
- Phone: (619) 410-1590

Cottonwood Sand Mine:

Primary Contact:

- Name: James DeCarolis, EnviroMine Inc.
- Phone: (619) 284-8515

Secondary Contact:

- Name: Brice Bossler, Bossler Group
- Phone: (619) 850-1399

Key Facts

Sweetwater Authority owns and operates the Loveland Reservoir and the Sweetwater Reservoir that are located on the Sweetwater River. Both reservoirs serve as storage facilities for raw water that will be used as drinking water. Loveland Reservoir is located near the town of Alpine, CA and approximately 11 miles upstream of the Cottonwood Sand Mine property. This reservoir is used as a water storage reservoir. From which Sweetwater Authority transfers water to the Sweetwater reservoir. This is

completed by releasing water into the river channel through a control valve at the dam.

Water releases are, typically, timed to occur during the wet, winter months of December until March and are dependent on watershed conditions observed by Sweetwater Authority. Raw water is treated at the Sweetwater Reservoir and is used as drinking water by customers in the southern part of San Diego County.

Cottonwood is a surface mining operation located along the Sweetwater River between the reservoirs and is approximately 11.0 miles downstream of Loveland and approximately 5.0 miles upstream of the Sweetwater Reservoir. This operation extracts and processes sand and gravels from the alluvial deposits within the floodplain of the Sweetwater River. This operation serves the local construction industry and could be interrupted by water releases.