SRWTP Odor Events

2004	
Date	**Description**
March	Odors were reported by Plant staff near the intersection of Laguna Blvd and I-5. The odors may have been generated from the plants solid storage basins. Fans around the basins are used to mitigate odors, however only some of the fans were on at the time.
Sept.	Resident reported very strong odors near the south side of plant boundary at Laguna Blvd. The odors may have been generated from the plants solid storage basins.
Sept.	Odors were reported by two different plant employees near the intersection of I-5 and Laguna Blvd. The cause of the odors was likely from partially treated sewage (Primary Effluent) being stored in the plants on-site storage basins for an extended period of time. The sewage was drained from the storage basins to eliminate the odors.

2005	
Date	**Description**
March	Strong odors were reported by a resident along the south side of the plant boundary. The odors were likely generated from the solid storage basins. The basins fans were turned on to mitigate the odor.

2006	
Date	**Description**
There were no SRWTP odor events.	

2007	
Date	**Description**
There were no SRWTP odor events.	

SRWTP Odor Events

2008	
Date	**Description**
June	An odor complaint was received from a resident north of the SRWTP. SRWTP Operations conducted a site investigation within the Plant to locate any process upsets but was not successful in identifying the odor source. The complainant stated that the odors had diminished since the time of the event. She was encouraged to call the SRWTP if the odor event were to reoccur.
July	Several more odor complaints were received from the same area in July. Odor control chemical feed rates were adjusted and odor control equipment inspected. These modifications mitigated the odors. Follow-up calls were made to the complainants. Both odor complainants were satisfied with the changes made and appreciated the follow up calls.

SRWTP Odor Events

2009	
Date	**Description**
Jan. (1 event)	A complaint was received SRWTP of sewer odors while driving along Interstate 5 close to Laguna Boulevard exit. Intermittent sewer odors were detected but could not be traced to a specific source at the Plant. After a thorough investigation, the SRWTP was found culpable.
Mar. (1 event)	An odor complaint was received regarding sewer odors witnessed north of the Plant for a few days. Odor chemical feed rates were increased to reduce the odor impacts offsite. This measure was successful in reducing the odors below threshold nuisance levels.
Apr. (2 events)	A county employee called the SRWTP to complain of sewer odors while driving along Franklin Blvd. The complainant witnessed odors downwind of the Plant. One of the plant odor control systems was found to be the source and emitting high levels of odors. It was mitigated after odor control chemical feed was increased. A resident north of the SRWTP complained of sewer/outhouse odors near Franklin Blvd. The source of odors was confirmed to be from the SRWTP and attributed to a scheduled plant diversion. Increasing odor chemical feed and maintenance activities following the diversion were successful in reducing the odors below target levels.
May (1 event)	An odor complaint was received northeast of the Plant regarding strong sewer odors. The odor source was confirmed to be emanating from the plant primary process and emergency storage basins following a scheduled plant diversion. The odors from the Plant were traced to the complainant's residence. SRWTP responded by increasing chemical odor control treatment.
Jun. (1 event)	An odor complaint call was received from a resident located north of the Plant regarding strong sewer odors. This complaint correlated to the scheduled process maintenance. After increasing odor control chemicals, the odors in the process dropped below nuisance levels.
Jul. (4 events)	An odor complaint call was received north of the Plant regarding strong sewer odors. Sampling results showed that the odors near the complainant's residence were similar to that witnessed at the Plant but at a lower intensity. The source of the odors was determined to be from Plant process area. Another odor complaint was received a few days later from the same complainant. Odor control chemical feed was increased. The odor control systems were checked and found operating within specifications. Though a specific source was not identified, the wind direction pointed downwind of the complainant's neighborhood. Two days later, the odor complainant observed a sewer smell again. With prevailing winds in the direction toward the residence, odors were traced to the odor control system stack. Odor control chemical feed was increased to offset the odors. After three days from the last complaint, another was received regarding strong sewers odor when along Franklin Boulevard and Deer Valley Road. Odors from a primary process odor control system were found below established targets at the time the complaint was received. Odors were also high within the primary process area, and believed to be the source of the odor complaint. With the combined moderate wind speeds in the direction of the residence, the Plant was found culpable as the odor source and justifies this complaint as an odor event against the SRWTP.

SRWTP Odor Events

Aug. (3 events)	An odor complaint was received from the north of the Plant regarding sewer odors during the late hours. One of the odor control systems was found to be the source of the complaint. The SRWTP was limited in chemical injection and the high winds did not allow for operation of the auxiliary odor control strategy (solids storage basin fans). The following day, another odor complaint was received complaining of sewer odors. The odors were described as continuous. The source of the odors was found to be from one of the odor control systems. The SRWTP was limited in chemical injection and the high winds did not allow for operation of the auxiliary odor control strategy. Ten days later another odor complaint was received from a resident south of the Plant. The complainant had noticed the odors since the night before. The prevailing winds at the time blew in the direction of the residence. Within the hour before the time of first detection, the auxiliary odor control strategy was implemented and successfully in reducing the odors.
Sep. (1 event)	Two odor complaints were received within five minutes apart south of the Plant. The source was found to be within the Plant due to a scheduled operational maintenance activity. The odors in addition to wind direction were found to cause the complaints. Chemical addition was added to suppress the odors.
Oct. (2 events)	A resident south of the Plant called to complain of odors while driving to work on Interstate 5 northbound. The wind direction at the time was in line with the Plant. Within two hours, county employees called the SRWTP to complaint of sewer odors while driving towards the Plant. These odors were tracked to the odor control system. Chemical treatment upstream was increased to offset the concentration of odors.