

**Attachment A**  
**Site Photographs and Field Description for the**  
**Watershed-Wide Monitoring Sites**

## Santa Ana River at MWD Crossing

*Sample Location:*

Sampling for this site will be conducted on the south side of the SAR, east of the MWD aqueduct crossing.

*Site Access:*

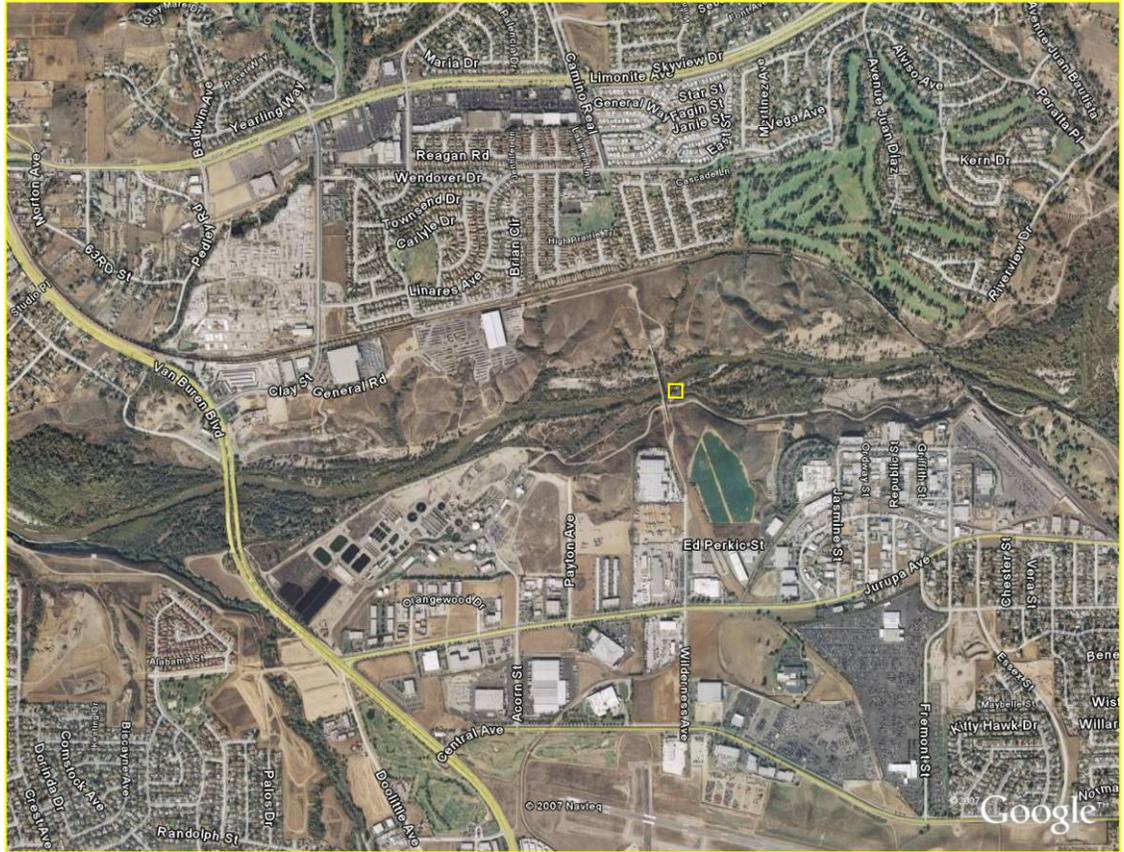
This site is accessed via the City of Riverside Wastewater Treatment Plant, located at 5950 Acorn Street, in the City of Riverside. With prior coordination with the Plant Senior Operator, sampling teams can access the "De Anza Gate" located within the plant. This gate exits to a bike trail that parallels the SAR for about 1/4 mile west to the MWD aqueduct. Park on the left side of the bike path between the Santa Ana River and the bike path and follow the sandy path to the southern bank of the Santa Ana River.

A secondary access location would be to park at the end of Wilderness Avenue, north from Jurupa Ave and walk for about 1/4 mile past the MWD gate and proceed toward the Santa Ana River. This access approach will be used when the Plant Operators are unable to meet.



Looking north from under MWD aqueduct crossing to Santa Ana River

Attachment A



Attachment A

**Santa Ana River at Pedley Ave**

*Sample Location:*

Sampling at this site will be conducted approximately ½ mile upstream of the Hamner Avenue Bridge. Samples will be collected on the south side of the Santa Ana River.

*Site Access:*

Drive north along Pedley Avenue and proceed across River Drive onto the Santa Ana Trails access road. Samples will be collected where the dirt access road meets the southern shore of the Santa Ana River.



Santa Ana River looking downstream from Pedley Ave site



Looking at south shore of Santa Ana River from access road

Attachment A



## Attachment A

### **Mill Creek at Chino Corona Road**

#### *Sample Location:*

Sampling at this site will be conducted at the upstream side of Mill Creek and Chino Corona Road.

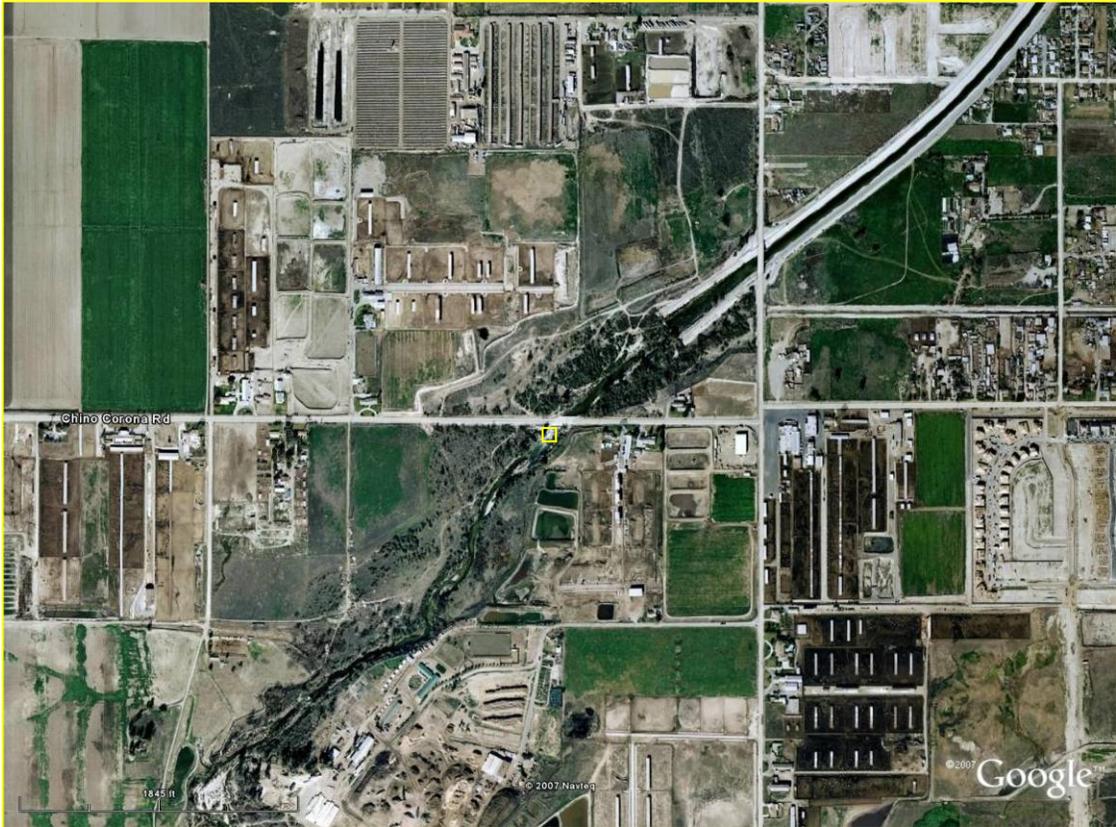
#### *Site Access:*

Park on the shoulder area on the downstream side of Chino Corona Road and during dry weather conditions, walk to the upstream side of the road. Samples can be collected by standing on the roadway using a sterilized sampling pole.



Mill Creek looking downstream from Chino Corona Road

Attachment A



Attachment A

**Prado Park Lake Outlet**

*Sample Location:*

Sampling will be conducted at the outlet of Prado Park Lake.

*Site Access:*

Enter the Prado Regional Park entrance (inform the gate operator that you are working on the Middle Santa Ana River TMDL Implementation Project to avoid paying the fee) and proceed along the roadway driving eastward around the lake until you reach the southeastern end of the lake. Drive along a maintenance road until you reach the spillway. Proceed to the sampling area located at the lake outlet area.

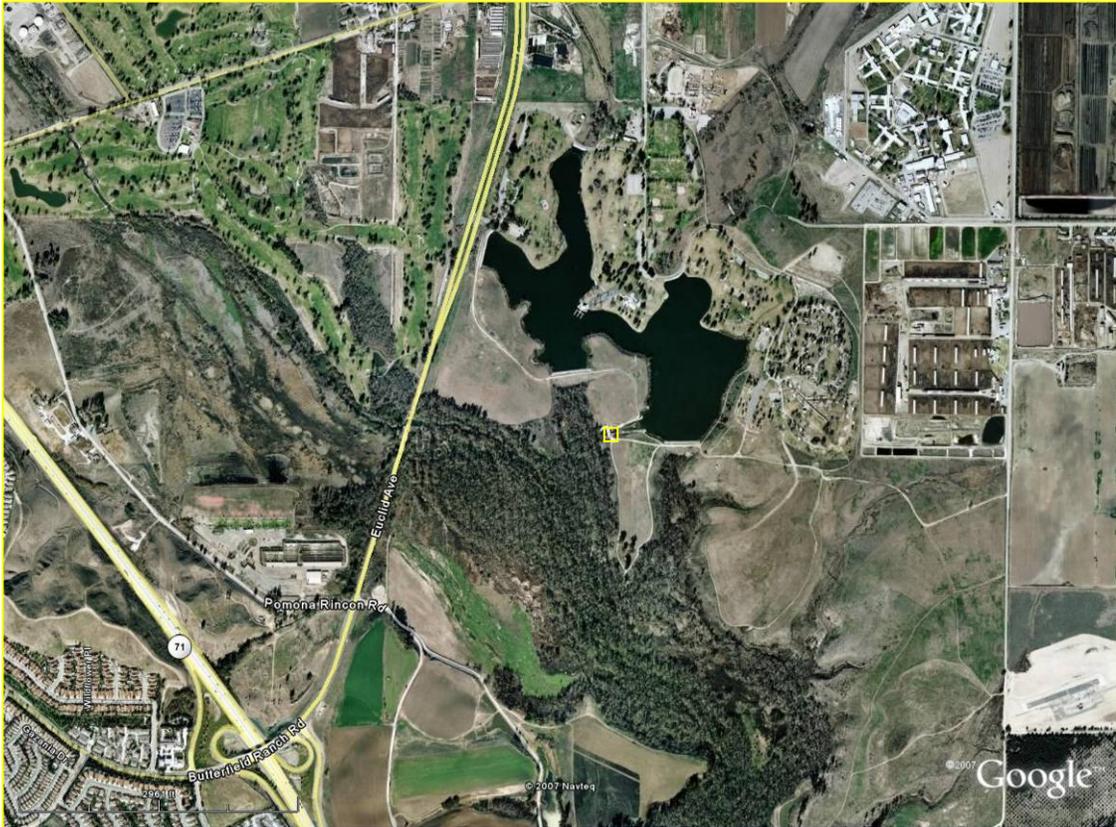


Looking downstream from Prado Park Lake outflow channel



Outlet Structure from Prado Park Lake spillway; collect sample downstream from berm

Attachment A



## Attachment A

### Chino Creek at Central Avenue

#### *Sample Location:*

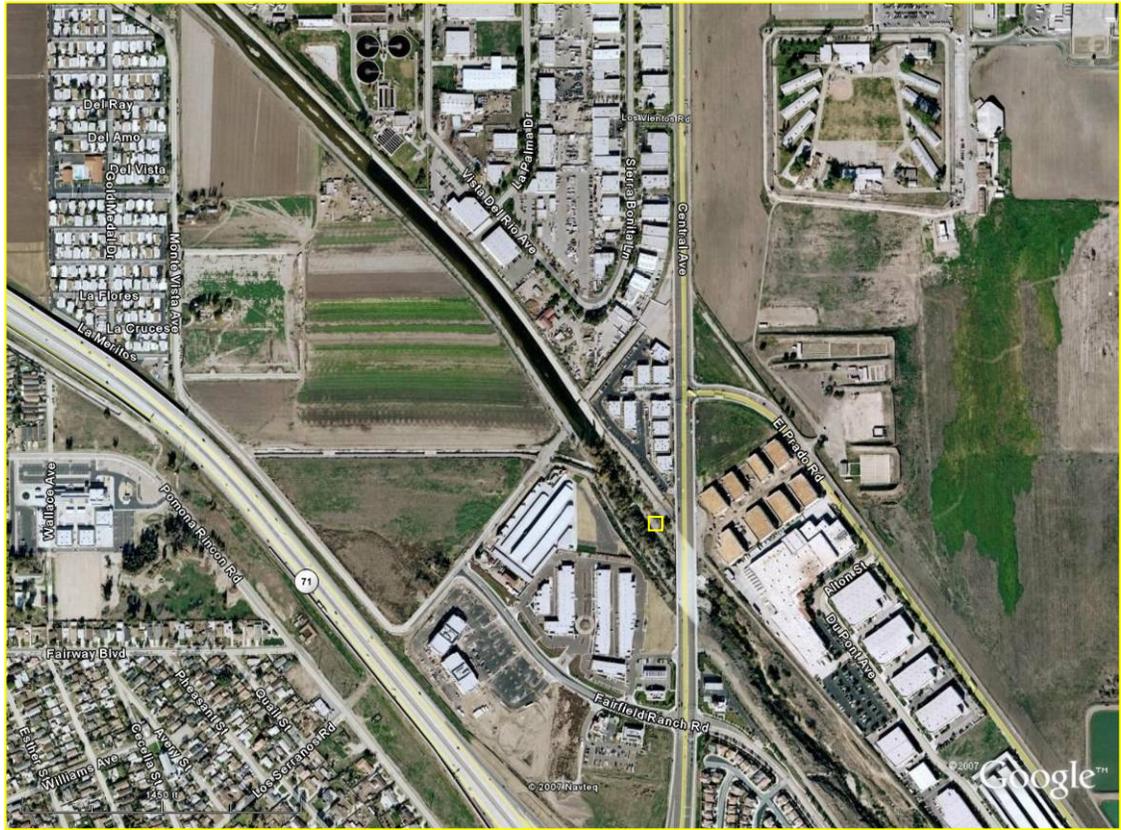
Sampling at this site will be conducted in the creek on the upstream side of the Central Avenue Bridge.

#### *Site Access:*

Park in the commercial parking lot (Coldwell Banker) on Central Avenue north of Chino Creek and walk south on Central Ave along guardrail and enter Chino Creek via rocks that line the creek side slopes. Collect sample by standing on the rocks and using a sampling pole.



Attachment A



Attachment A

**Icehouse Canyon**

*Sample Location:*

Sampling at this site will be conducted in the creek, 100 feet upstream from the Icehouse Canyon trailhead parking lot.

*Site Access:*

Park in the Icehouse Canyon trailhead parking lot off Mountain Baldy Road and walk up hiking trail 1,150 feet from the top of the parking lot to sample location.

**Attachment B**  
**Site Photographs and Field Description for the USEP**  
**Monitoring Sites**

## Attachment B

### Cypress Channel

#### *Sample Location:*

Monitoring on Cypress Channel will be conducted on the upstream side of the Kimball Avenue road crossing. The best location for collection of water samples and flow measurements is approximately 150 feet north of the road crossing. This segment of Cypress Channel is unlined and there is a sufficient depth of flow during dry weather to collect a sample. Collection of a cross section velocity profile for measurement of flow is feasible at this location.

#### *Site Access:*

This site is accessed by parking on the Cypress Channel SBCFCD access road on the north side of Kimball Avenue across from the Inland Empire Utilities Agency offices. There is no fencing or access gate at this location.



Cypress Channel looking upstream from Kimball Avenue

Attachment B



## Attachment B

### Carbon Canyon Creek

#### *Sample Location:*

Monitoring on Carbon Canyon Creek will be conducted on the upstream side of the Pipeline Avenue road crossing. The best location for collection of water samples and flow measurements is approximately 200 feet west of the road crossing. This segment of Carbon Canyon Creek is unlined and there is a sufficient depth of flow during dry weather to collect a sample. Collection of a cross section velocity profile for measurement of flow is feasible at this location.

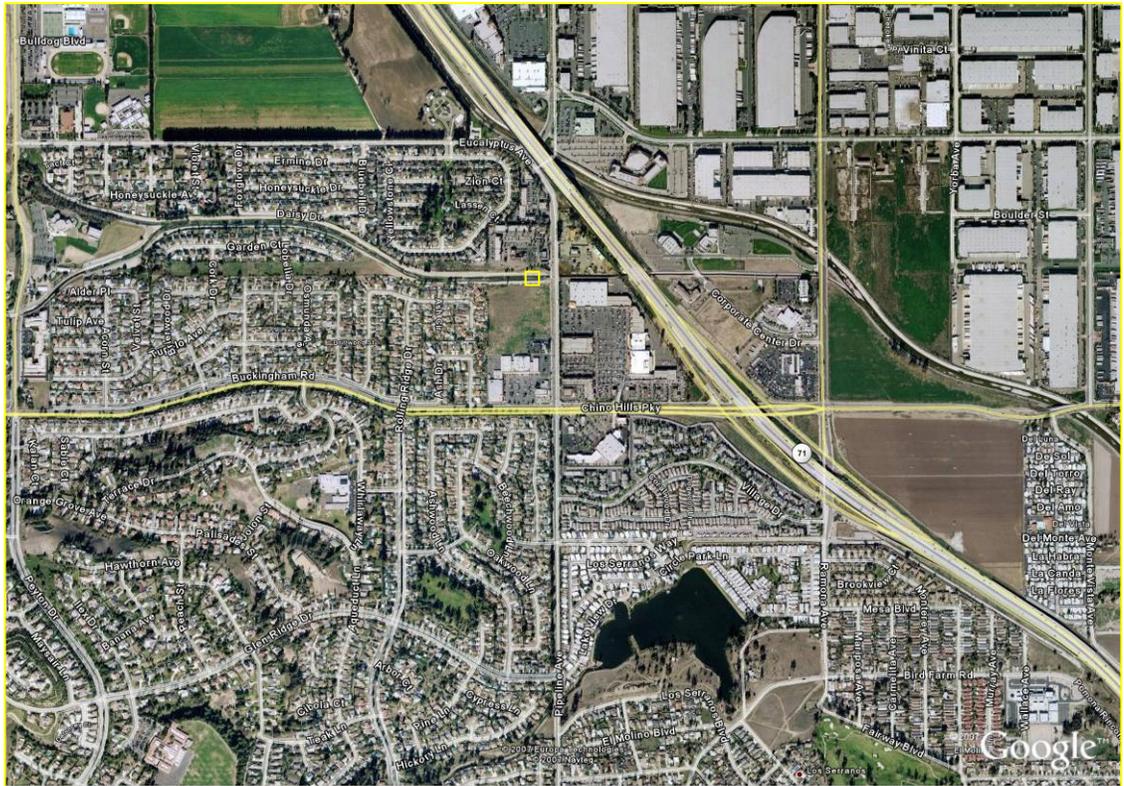
#### *Site Access:*

This site is accessed by parking on the Carbon Canyon Creek SBCFCD access road on the westside of Pipeline Avenue. There is an access gate at this location that can be opened using the SBCFCD master key.



Carbon Canyon Creek looking upstream from Pipeline Avenue

Attachment B



## Attachment B

### Anza Drain

#### *Sample Location:*

Monitoring of the Anza Drain will be conducted downstream of the Hole Lake outflow and upstream of the confluence with the City of Riverside WWTP effluent channel. The best location for collection of water samples and flow measurements is approximately 100 feet upstream (southeast) of the confluence. This segment of the Anza Drain is unlined and there is a sufficient depth of flow during dry weather to collect a sample. Collection of a cross section velocity profile for measurement of flow is feasible at this location.

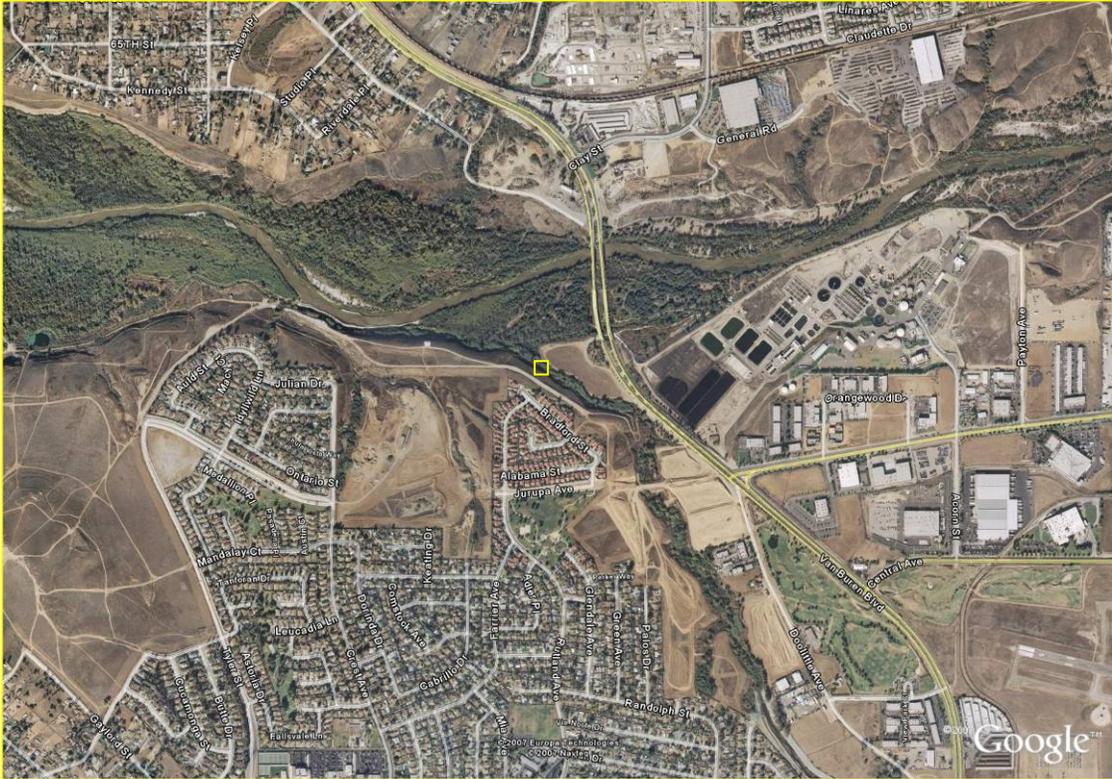
#### *Site Access:*

This site is accessed by driving northbound on Van Buren Boulevard. Before crossing over the Santa Ana River, park on the right hand shoulder just before the regional bicycle path bridge crossing. Walk down to the bicycle path and follow it under the Van Buren Boulevard Bridge. Once under the bridge, walk southwest approximately 300 feet across the large open field to access the stream. The monitoring location is 100 feet upstream of the confluence with the City of Riverside WWTP effluent channel. This confluence is at the northwest corner of the open field. There is no fencing or access gate at this location.



Attachment B

Anza Drain looking downstream toward confluence with City of Riverside WWTP effluent channel



### Sunnyslope Channel

*Sample Location:*

Monitoring on Sunnyslope Channel will be conducted upstream of a small broad crested weir located about 100 feet downstream of the transition from a lined concrete trapezoidal channel to a channel with natural banks and substrate. While samples are collected upstream of the weir, flow can be measured using volumetric methods due to the free outfall over the weir control structure during dry weather conditions. During wet-weather, a cross section velocity profile approach upstream of the weir will be conducted if conditions are safe.

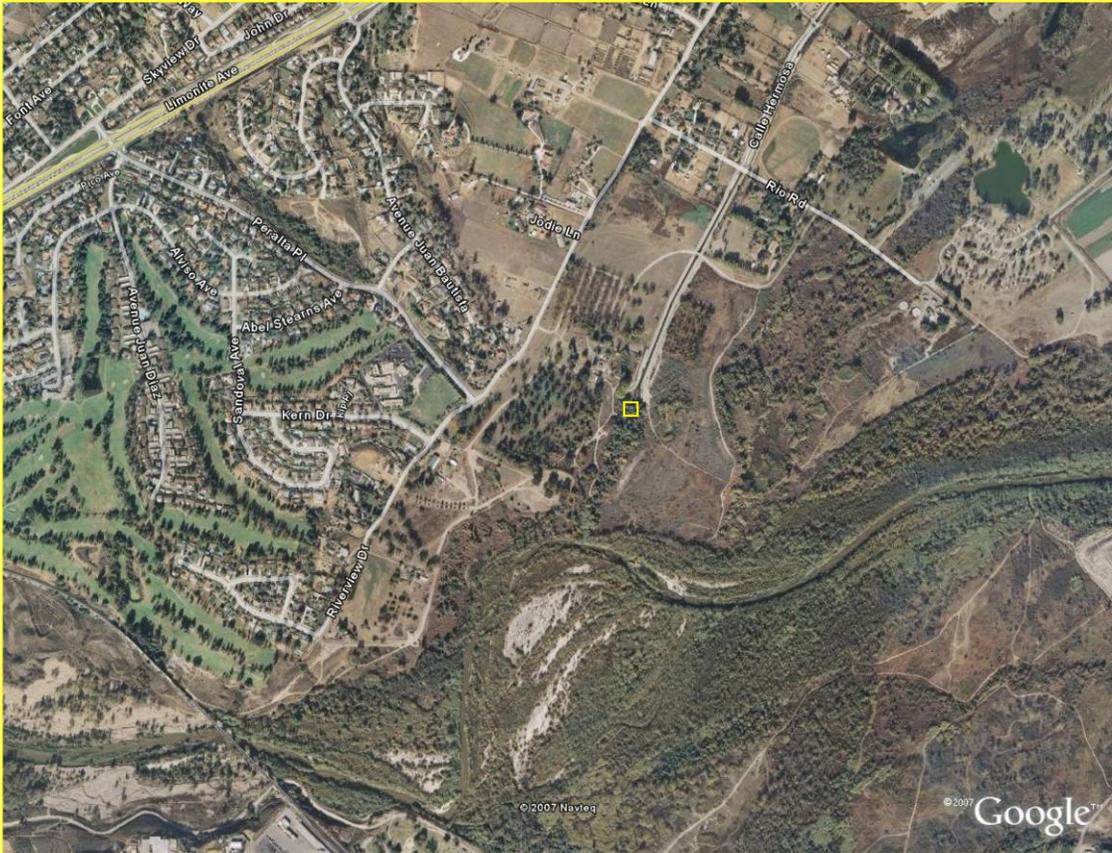
*Site Access:*

This site is accessed by the RCDFD access road on the west side of Sunnyslope Channel at the junction of Rio Rd and Calle Hermosa. There is an access gate at this intersection. Continue along the west side of the concrete lined trapezoidal channel, through a second set of gates to the end of the lined section.



Sunnyslope Channel downstream from transition of lined trapezoidal channel to a channel with natural banks and substrate

Attachment B



## **Box Springs Channel**

### *Sample Location:*

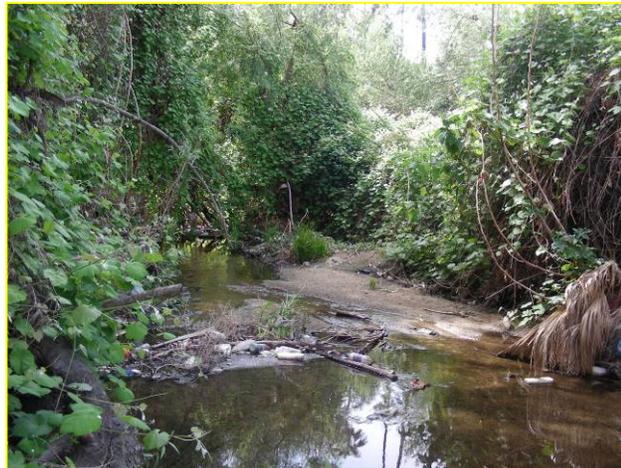
Monitoring on the Box Springs Channel will be conducted sufficiently upstream from the Tequesquite Ave crossing (top picture) to avoid stagnant water. Prior to collection of water samples, the sampling team will assess flow connectivity with the Santa Ana River by determining if there is flow over a sand bar approximately 200 feet south of the Tequesquite Ave crossing. If flow is present over the sand bar (bottom picture), then a flow measurement will be taken using the cross section velocity profile method on the downstream side of the sand bar. If no flow is observed over the sand bar, then samples will not be collected at the upstream location.

### *Site Access:*

This site is accessed by the RCFCD access gate at the corner of Tequesquite Ave and Elderwood Court. Unlock the gate to access the east side of Box Springs Channel, where samples can be collected. To access flow measurement location, continue downstream along the east side of the channel and enter the RCFCD access gate to get back onto Tequesquite Ave, then drive across Tequesquite Ave and enter a third RCFCD access gate to access the unlined section of Box Springs Channel.

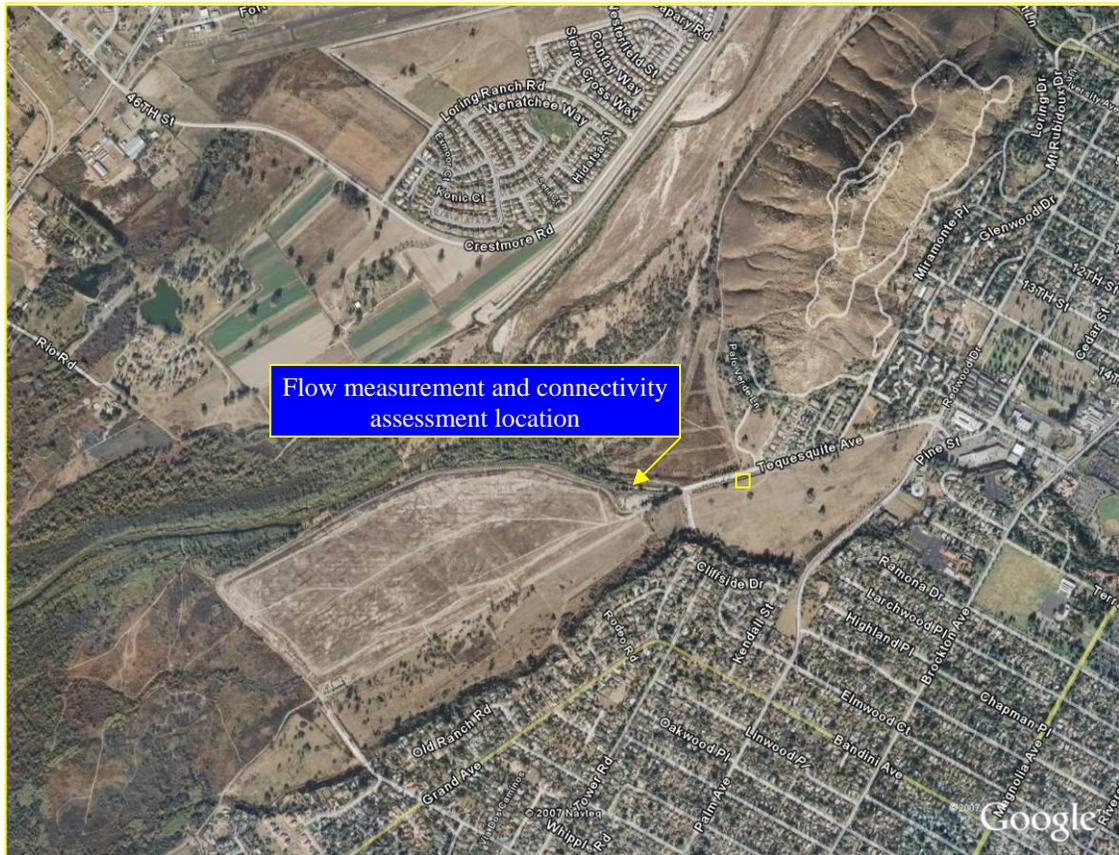


Box Springs Channel looking upstream from Tequesquite Avenue Road



Attachment B

Box Springs Channel 200 feet downstream from Tequesquite Avenue Road



## Attachment B

### Temescal Wash

#### *Sample Location:*

Water quality samples for the Temescal Wash location will be collected on the downstream side of the Lincoln Ave Bridge (see top picture). Flow measurements will be conducted in the lined section on the upstream side of the Lincoln Ave Bridge (see bottom picture), using the cross section velocity profile method.

#### *Site Access:*

This site is accessed at the Lincoln Ave Bridge crossing of Temescal Wash. There is no fencing or access gate at this location.

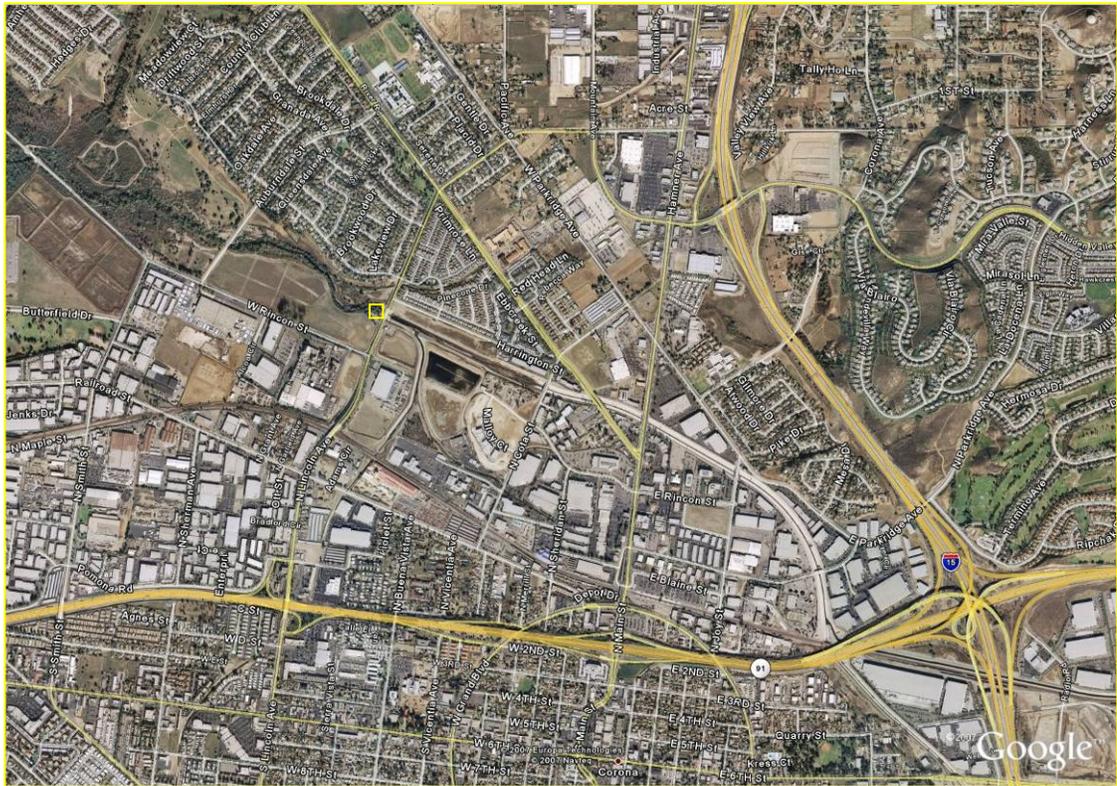


Temescal Wash downstream of Lincoln Avenue Bridge



Temescal Wash upstream from Lincoln Avenue Bridge

Attachment B



## Attachment B

### **San Antonio Channel**

#### *Sample Location:*

Water quality samples for the San Antonio Channel location will be collected on the upstream side of the Walnut Avenue Bridge. During dry weather, the low flow sampling device may be utilized. Flow in the channel will be estimated using visual methods.

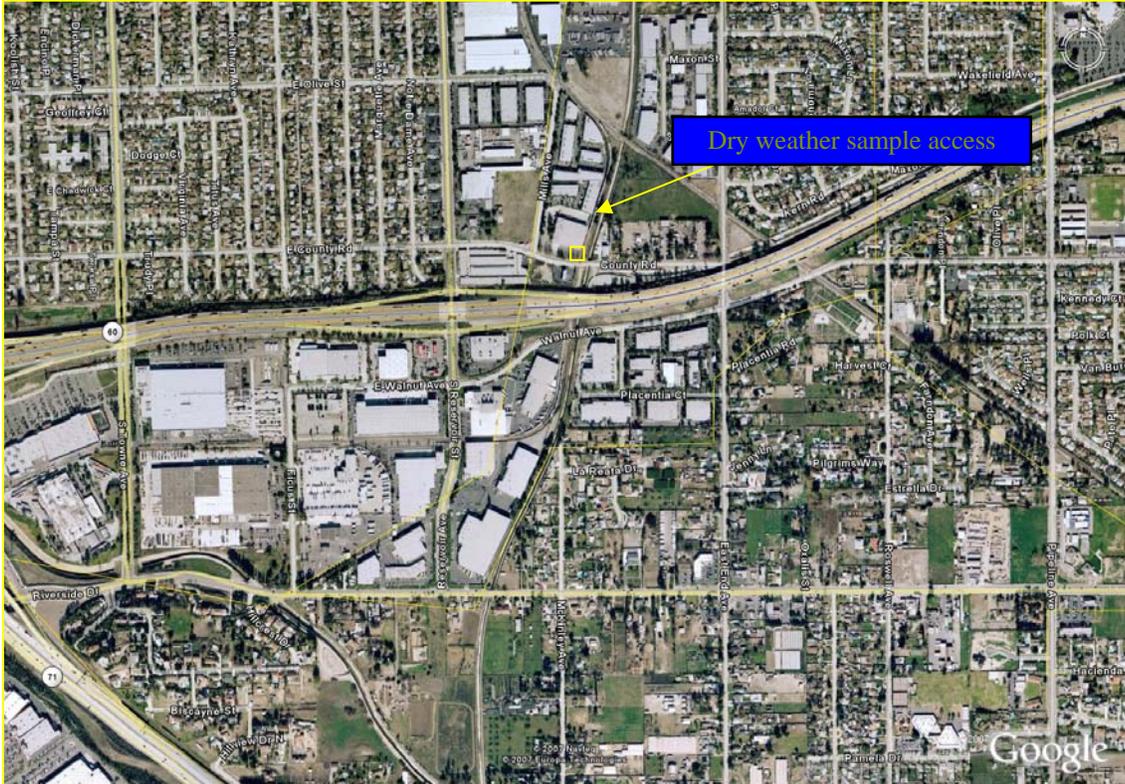
#### *Site Access:*

This site is accessed at the Walnut Avenue Bridge crossing during wet weather and will require the use of an extension pole to collect water while standing on the south side of the Walnut Avenue Bridge of San Antonio Creek. During dry weather walk down the City of Chino Drain on the south side of County Road and enter San Antonio Channel through an orifice in the channel wall. During wet weather,.



San Antonio Channel is on right side of picture, accessed through orifice from City of Chino Drain (left side of picture)

Attachment B



**San Sevaine Channel**

*Sample Location:*

Monitoring on the San Sevaine Channel will be conducted downstream from the Limonite Ave crossing at the end of the concrete lined section. Prior to collection of water samples, the sampling team will assess flow connectivity with the Santa Ana River by determining if there is flow over a small concrete berm approximately 100 feet south of the end of the lined section (top picture). If flow is present over the berm, then a flow measurement will be taken by developing a cross section velocity profile 10 feet upstream of the berm. If no flow is observed over the berm, then samples will not be collected at the upstream location.

*Site Access:*

This site is accessed by the RCFCD access gate on Limonite Avenue. Unlock the gate off of Limonite Avenue to access the west side of San Sevaine Channel and park in large unpaved parking area, then walk down path to sampling location.



San Sevaine Channel looking upstream from a concrete berm; water in foreground is part of a Santa Ana River backwater area



San Sevaine Channel looking upstream

Attachment B



## Attachment B

### Day Creek

#### *Sample Location:*

Water quality samples for the Day Creek location will be collected on the downstream side of Lucretia Avenue. Flow measurements will be downstream of Lucretia Avenue either by volumetric methods using the culvert free outfalls or by cross section velocity profile measurement.

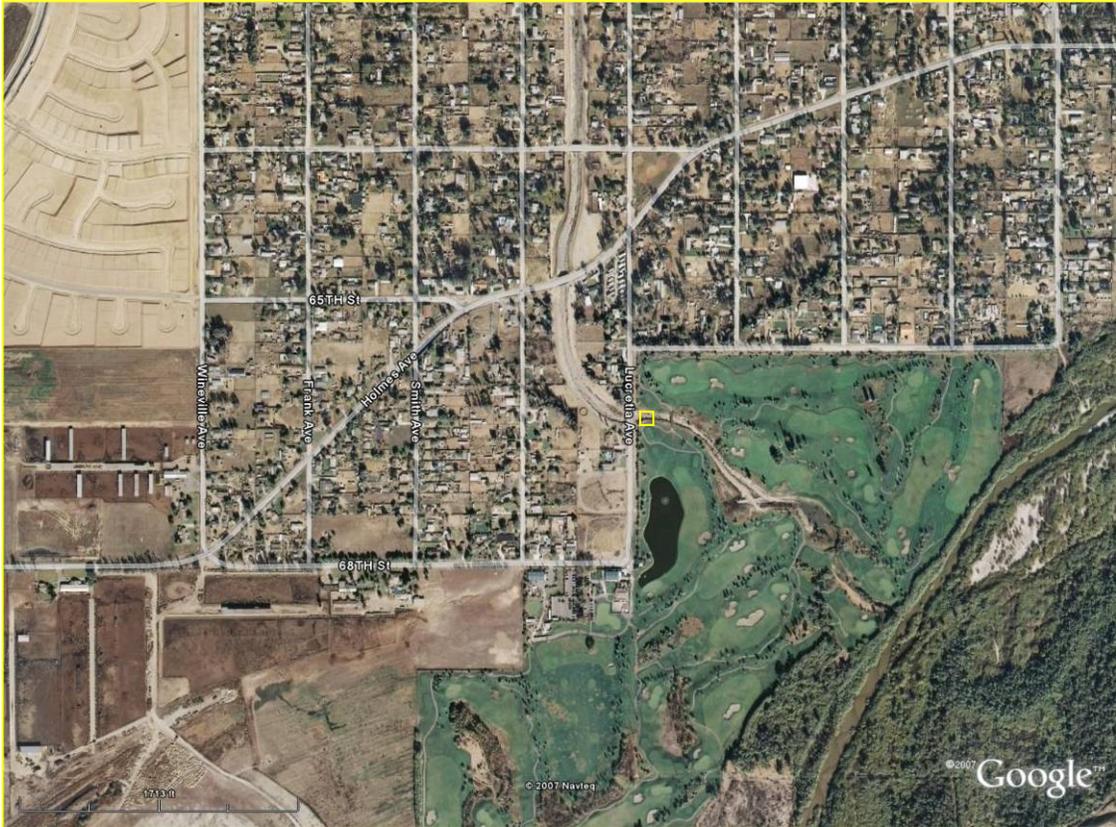
#### *Site Access:*

This site is accessed at the Lucretia Avenue crossing of Day Creek at the northwest boundary of the Goose Creek Golf Club. There is no fencing or access gate at this location.



Day Creek looking downstream from Lucretia Avenue toward the Goose Creek Golf Club

Attachment B



## Attachment B

### County Line Channel

#### *Sample Location:*

Monitoring on the County Line Channel will be conducted upstream of the confluence with Cucamonga Creek. There is limited runoff in the County Line Channel that reaches Cucamonga Creek during dry weather flow conditions. If the flow is stagnant and does not reach Cucamonga Creek, then samples will not be collected.

#### *Site Access:*

This site is accessed by driving west on 65th St. from Archibald Ave. At end of paved road, veer to the right onto a dirt path. This path will bring you to the east side of Cucamonga Creek. Drive north along the channel for ~ 1/4 mile where the County Line Channel enters Cucamonga Creek. Access the channel by turning right after crossing over it onto the paved SBFCD access ramp for County Line Channel, which is located directly upstream from Cucamonga Creek.



County Line Channel looking upstream from access ramp

Attachment B



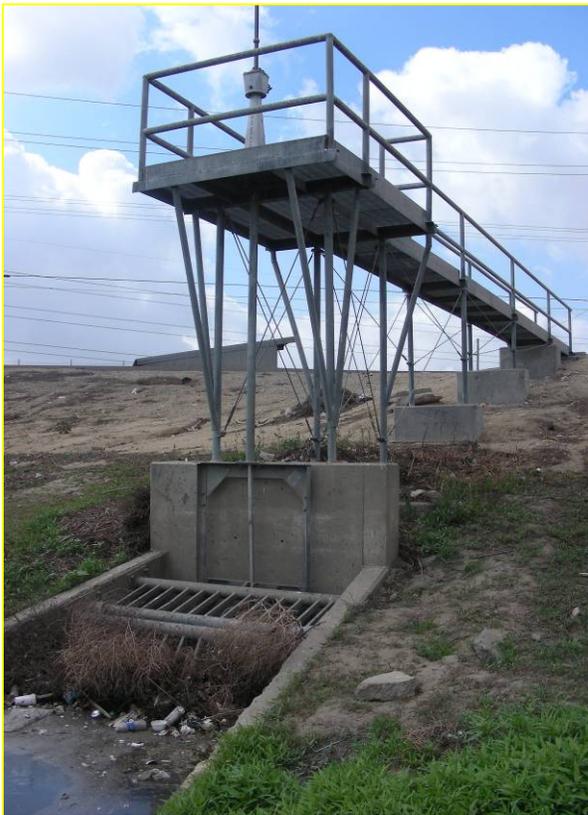
## Lower Deer Creek Channel

### *Sample Location:*

Monitoring of the Lower Deer Creek Channel drainage will be conducted at the outfall from the Chris Detention Basin. Lower Deer Creek flows through the Chris Detention Basin prior to being discharged to Cucamonga Creek. Unlike many other SBCFCD detention basins, there is a continuous discharge during dry weather. During dry weather water samples will be collected from the outfall to Cucamonga Creek (right picture). During wet weather, runoff in Cucamonga Creek will mix with the outfall, therefore samples will be collected at the Chris Detention Basin outflow structure (left picture), on the other side of the access road. Prior to collecting a sample from this structure, ensure that there is no trash accumulated. If there is trash that is resulting in ponding of water, clear the trash from the rack and allow the water level to return to normal depth prior to collecting a water sample.

### *Site Access:*

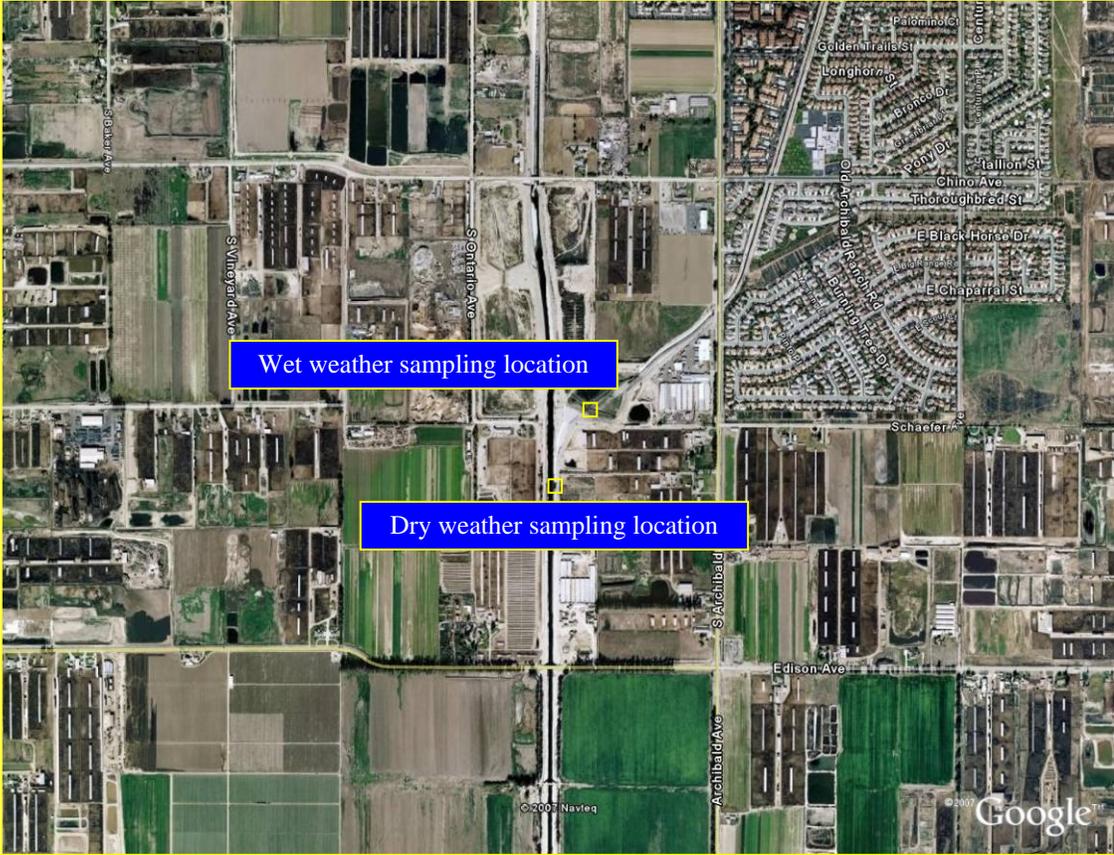
The site is accessed by unlocking the SBCFCD gate on the south side of the Archibald Avenue crossing of Lower Deer Creek. Follow the access road west approximately 1,000 feet to the Chris Detention Basin. During dry weather, continue over the spillway to access the outfall to Cucamonga Creek (right picture).



Outfall of Chris Basin outflow drain to Cucamonga Creek

Attachment B

Chris Basin outflow structure



## Attachment B

### Cucamonga Creek above RP1 Discharge

#### *Sample Location:*

Monitoring of Cucamonga Creek will be conducted at the access ramp directly upstream from the IEUA RP1 wastewater discharge outfall. Flow will be measured by developing a cross section velocity profile when conditions are safe.

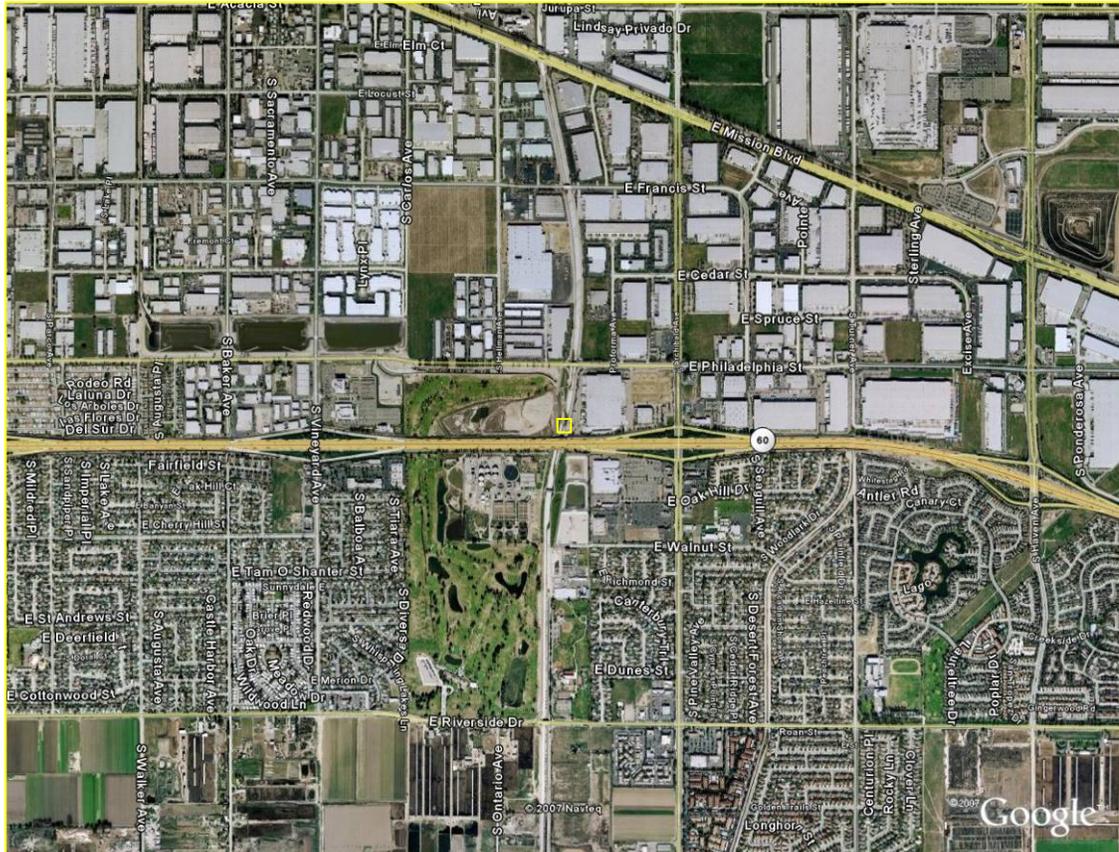
#### *Site Access:*

Access to the site is best gained via the SBCFCD access road south from Philadelphia Avenue. Follow along the east side of Cucamonga Creek. by unlocking the SBCFCD gate for access ramp into the channel. .



Cucamonga Creek upstream from RP1 Discharge; Access ramp shown on east (far side) channel wall.

Attachment B



Attachment B

Attachment B

**Santa Ana River at La Cadena Avenue**

*Sample Location:*

Monitoring of Santa Ana River will be conducted at the upstream side of the La Cadena Road Bridge crossing. There is limited runoff in the Santa Ana River at this location during dry weather flow due to high permeability of bottom sediments. If no water is present or the flow is determined to be stagnant and not connecting to downstream segments of the Santa Ana River, then samples will not be collected.

*Site Access:*

This site is accessed west of La Cadena Drive, on the south side of the Santa Ana River via a RCFCD access ramp. Vehicles may be parked outside of the gate and entry into the river can be made by foot. The SAR is not fenced at this location.



Looking north from west side of La Cadena Drive to the Santa Ana River

Attachment B

