

Canyon Watch Volunteer Guide



San Clemente Canyon (East)

Distance: 0.82 Miles
Hike Time: 45 Minutes
Difficulty Level: Easy



Program Overview

The ocean is one of our greatest natural treasures, yet it is continually threatened by pollutants from sewer spills and storm water run-off.

San Diego, a city that borders the oldest, largest, and deepest ocean in the world, has over 40 urban canyons that hold 300 miles of public sewer lines. Most of these pipelines have unfortunately exceeded their life expectancy and are often inadequately maintained, making them susceptible to damage that can cause harmful spillover into our local



Once a break in the system takes place, untreated wastewater (the stuff that comes from our washing machines, sinks and toilets) may enter a nearby creek, river or storm drain and travel hundreds of miles downstream, eventually pouring into our coastal waters. Here, it spreads, becomes virtually impossible to contain and harms fragile marine life.



To help keep our waters contaminant free and safe for all, the San Diego Oceans Foundation has teamed up with the Metropolitan Wastewater Department's Sewer Spill Reduction Program to enlist citizen volunteers.

Volunteers are crucial to the Canyon Watch Program by regularly monitoring our urban canyons and reporting potential threats.

What to Look For...

As a Canyon Watch volunteer, you will be responsible for monitoring our local canyons. While patrolling, you should look for leaks, unusual smells and damaged or vandalized manholes. Any findings should be recorded in your 'Canyon Watch Field Report' and submitted online after your hike is completed. **Immediately report any active sewer spills or foamy discharge to the Sewer Emergency Hotline (619) 515-3525.**

Manholes

Manholes are typically painted lime green for easy identification. Check that all manholes are secured with a locking bar or recessed bolts and that they are clear of vandalism and other damage.



Unusual Smells

Manholes in proper working order should not emit odors. Foul smells are a sign of possible leaks or spills and should be included in your 'Field Report', but do not warrant a call to the Emergency Sewer Hotline.



Sewer Leaks & Foamy Discharge

Any sort of foamy discharge or active spill should be reported **immediately** to the Sewer Emergency Hotline! It is crucial to record the number painted on the manhole structure and GPS coordinates, if available, so you can accurately report its location.



Exposed Sewer Lines

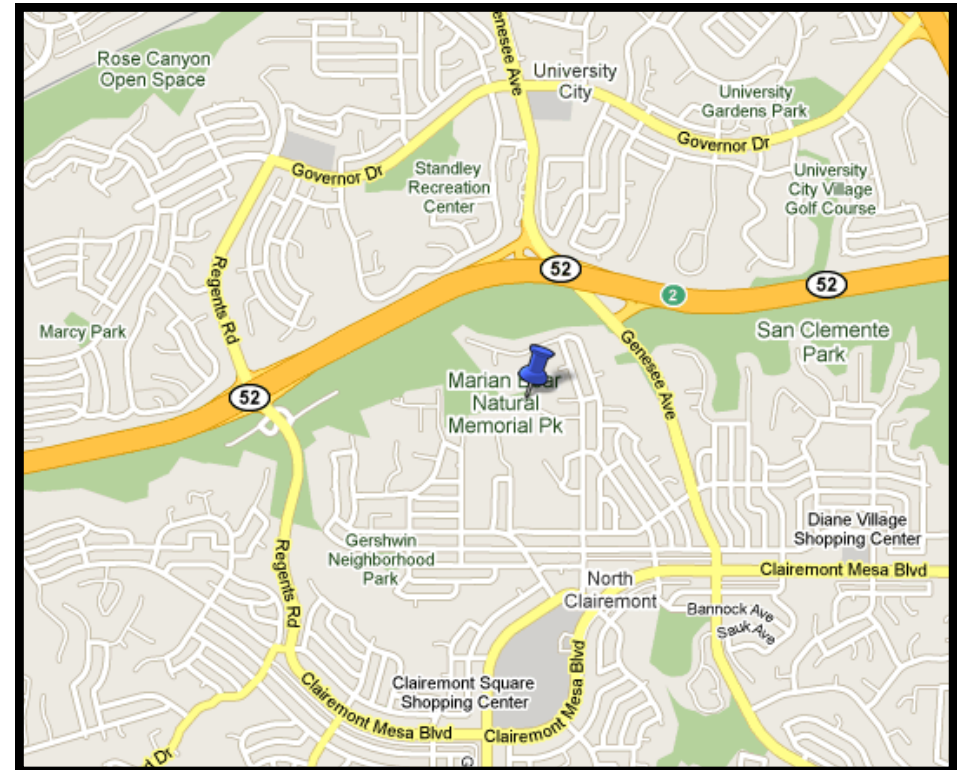
Pipelines should be buried underground. If you come across sewer pipes that have been exposed due to erosion, please let us know. Exposed pipes are more likely to crack and leak and should be reported.



San Clemente Canyon

Marian R. Bear Memorial Park
San Diego, CA 92117

Take Hwy 52. Exit Genessee Ave and turn left. Make first right onto Appleton St. Turn right on Dubois Dr. Turn right on Cole St, then first left on Cole Way. Turn into the Marian and R. Bear Memorial Park parking lot (on the right).



Enter trail near bathrooms and kiosk.

Manhole Guide

The following information will lead you to the various manholes throughout this canyon. Please read the 'Hiking Safety Tips' available at www.sdoceans.org before beginning your hike.

Due to vegetation growth and other, unforeseen changes, some manholes may not be immediately visible. If a manhole cannot be reached due to construction or certain environmental hazards, please make a note of it and move on to the next manhole on your list.



1. Manhole #61
N 32° 50' 41", W 117° 11' 57"

Stay straight at riverbed and turn right at fork. Green post on left of path. Continue on path.



2. Manhole #118
N 32° 50' 41", W 117° 11' 57"

Left of path. Turn and walk back to main trail. Stay straight at fork.



3. Manhole #62
N 32° 50' 41", W 117° 11' 54"

Right of trail.



4. Manhole #63
N 32° 50' 41", W 117° 11' 48"

Right of trail.



5. Manhole #64
N 32° 50' 40", W 117° 11' 44"

Left of trail.



6. Manhole #230
N 32° 50' 41", W 117° 11' 41"

Green post left of trail. Stay right at fork.



7. Manhole #231
N 32° 50' 41", W 117° 11' 36"

Left of trail.



8. Manhole #232
N 32° 50' 41", W 117° 11' 57"

20 ft right of trail. Stay left at fork.



9. Manhole #233
N 32° 50' 40", W 117° 11' 30"

Take Cobb Trail on left. Right of path. Return to main trail and turn right.



10. Manhole #185
N 32° 50' 41", W 117° 11' 31"

Right of trail.



11. Manhole #186
N 32° 50' 43", W 117° 11' 27"

Green post on left of trail. Manhole is buried beneath.



12. Manhole #187
N 32° 50' 41", W 117° 11' 24"

Left of trail



13. Manhole #188
N 32° 50' 42", W 117° 11' 20"

Right of trail.



14. Manhole #189
N 32° 50' 41", W 117° 11' 17"

Right of trail.



15. Manhole #192
N 32° 50' 44", W 117° 11' 14"

Take path left of fork, follow green markings on trees and yellow caution tape for about 150 ft. Turn back and turn left to continue on main trail.



16.
Manhole #191
N 32° 50' 44", W 117° 11' 12"

Left of trail, next to fence.



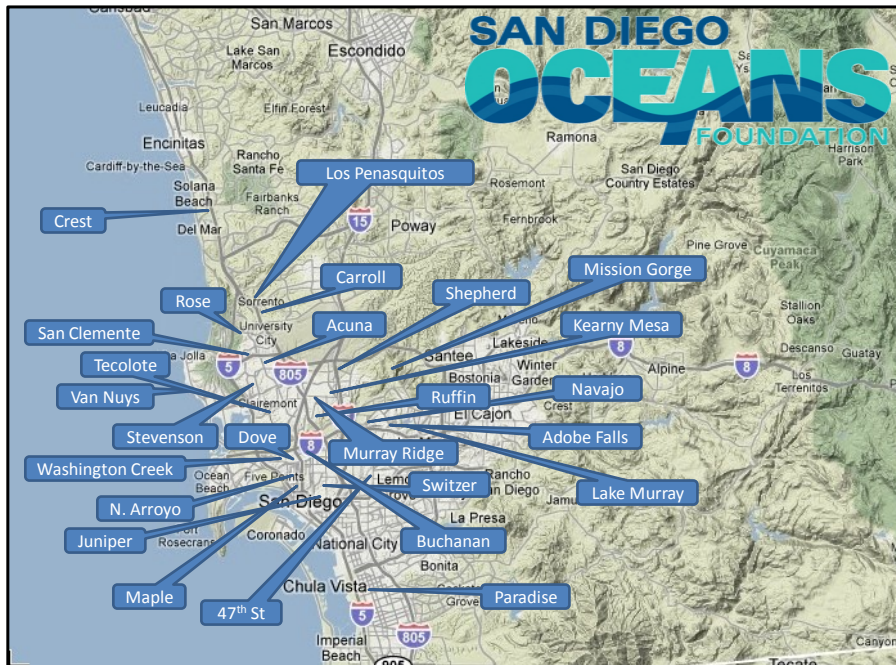
17.
Manhole #190
N 32° 50' 42", W 117° 11' 9"

Left of trail. Turn around and take trail back to parking lot.

Thank you for monitoring San Clemente Canyon!

Please be sure to submit your Canyon Watch Field Report online at http://sdoceans.org/pollution_report_2.php within 24 hours of your hike.

Volunteer submissions are the key to early detection and prevention of raw sewage from making its way into our ocean!



Visit www.sdoceans.org to locate guides for other available canyons in San Diego County.



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