**State of California**
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**
**LOS ANGELES REGION**
**320 West 4th Street, Suite 200, Los Angeles**
**FACT SHEET**
**WASTE DISCHARGE REQUIREMENTS**
**FOR**
**CITY OF SANTA MONICA**
**(Hydraugers Installation Project)**
**NPDES NO. CAG994004**
**CI-9361**

**FACILITY LOCATION**
Opposite to 723 Pacific Coast Highway
Santa Monica, CA 90401

**FACILITY MAILING ADDRESS**
1437 4th Street, Suite 300
Santa Monica, CA 90401

## PROJECT DESCRIPTION

City of Santa Monica (The City) plans to install additional series of hydraugers as part of of an emergency slope repair and stabilization project in the area along Pacific Coastal Highway (PCH) from McClure Tunnel to the western limit of the City of Santa Monica. Dewatering is anticipated during the construction project. Up to 600 gallons per day (gpd) of groundwater will be discharged during the dewatering project. The groundwater will be collected in four-inch diameter pipe and conveyed to a nearby catch basin along PCH. The catch basin is part of the Caltrans storm drain system for PCH that ultimately discharges to Santa Monica Bay via culverts under PCH.

## VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 600 gpd of groundwater will be discharged to a local storm drain at Latitude 34°01'17", Longitude 118°30'29", which flows to a miscellaneous coastal stream, thence to the Santa Monica Bay, a water of the United States. The site location map is shown as Figure 1.

## APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharged from the project site flows into the Santa Monica Bay. Therefore, discharge limitations under "Other Water" column in Part E.1.a. of the Order applies. The limitations specified in Attachment B of Order No. R4-2003-0111 are not applicable to the discharge.

December 20, 2007

This Table lists the specific constituents and effluent limitations applicable to the discharge.

| Constituents | Units | Discharge Limitations | |
|---|---|---|---|
| | | Daily Maximum | Monthly Average |
| Total Suspended Solids | mg/L | 150 | 50 |
| Turbidity | NTU | 150 | 50 |
| $BOD_5$ 20°C | mg/L | 30 | 20 |
| Oil and Grease | mg/L | 15 | 10 |
| Settleable Solids | ml/L | 0.3 | 0.1 |
| Sulfides | mg/L | 1.0 | --- |
| Phenols | mg/L | 1.0 | --- |
| Residual Chlorine | mg/L | 0.1 | --- |
| Methylene Blue Active Substances (MBAS) | mg/L | 0.5 | --- |

**FREQUENCY OF DISCHARGE**

The discharge of groundwater will begin in March 2008 and last permanently.

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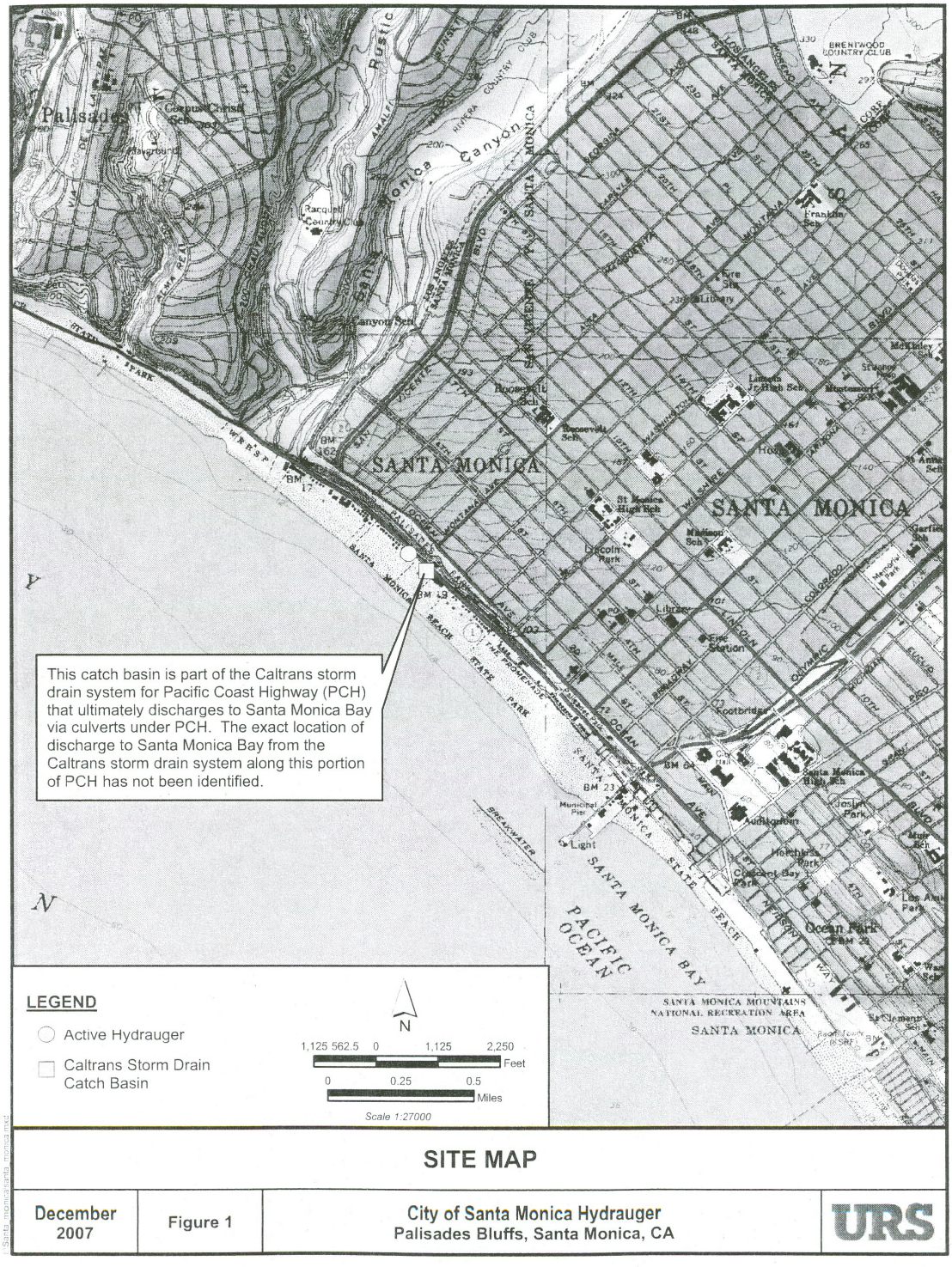
**REUSE OF WATER**

It is not economically feasible to haul the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the discharge. Therefore, most of the treated groundwater will be discharged to the storm drain in compliance with the requirements of the attached order.


This catch basin is part of the Caltrans storm drain system for Pacific Coast Highway (PCH) that ultimately discharges to Santa Monica Bay via culverts under PCH. The exact location of discharge to Santa Monica Bay from the Caltrans storm drain system along this portion of PCH has not been identified.
LEGEND
Active Hydrauger
Caltrans Storm Drain Catch Basin
N
1,125 562.5 0 1,125 2,250
Feet
0 0.25 0.5
Miles
Scale 1:27000
SITE MAP
December 2007
Figure 1
City of Santa Monica Hydrauger
Palisades Bluffs, Santa Monica, CA
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