



THE CITY OF SAN DIEGO

December 19, 2013

Mr. David W. Gibson
Executive Officer
California Regional Water Quality Control Board
San Diego Region
Attn: 401 Certification No. 10C-059
2375 Northside Drive, Suite 100
San Diego, CA 92108-2700

Subject: Annual Inspection and Maintenance Report for Inlet Filter per Federal Clean Water Act Section 401 Water Quality Certification for Routine Maintenance of Storm Water Facility, Map 134

Dear Executive Officer Gibson:

The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) issued the City of San Diego's Transportation and Storm Water Department (City) a Clean Water Act Section 401 Water Quality Certification for Routine Maintenance of Storm Water Facility Map 134 (File No. 10C-059) on October 14, 2010, which was amended on December 31, 2010. As part of pollution mitigation, the City was required to retrofit one (1) existing storm drain with curb inlet filters and submit annual inspection and maintenance reports, in perpetuity, for said inlet to the San Diego Water Board.

The following inspection and maintenance activities were performed by the City in 2013:

- On November 26, 2013 and December 6, 2013, one (1) curb inlet filter located on Palm and Thermal Avenues was inspected and maintained. Please see the enclosed Map for specific inlet location.

If you have any questions please contact Christine Rothman, Development Project Manager III, at crothman@sandiego.gov or 619-527-3470.



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Mr. Gibson
December 19, 2013

City of San Diego Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Jane Mutter, Assistant D.D.
for

Kris McFadden, Deputy Director
City of San Diego
Transportation & Storm Water Department
Storm Water Division

20-Dec-2013

Date

KM/rp

Attachments:

1. Annual Maintenance Verification Form
2. Maps 134 Curb Inlet Location (BMP)
3. Bio Clean Round GISB Media Filter Maintenance BMP Photographs
4. Nestor Channel Annual Photo Documentation

ANNUAL MAINTENANCE VERIFICATION FORM

Report Date: 11/25/2013

Owner or Responsible Party Information
 Christine Rothman, Development Project Manager III
 Storm Water O & M
 2781 Caminito Chollas, MS44
 San Diego, CA 92105

Project Name
 Nestor
Project Location
 Palm Avenue and Thermal Ave.

I. INSTRUCTIONS

Step 1: Review the list of treatment control best management practices (BMPs) in Section II.
 Step 2: Complete the form by selecting the appropriate box in Section III. If all BMPs on the property have recently been maintained and are in condition to function properly during the next storm, you may select the first box. If such maintenance has not yet been performed, select the second box and indicate the date on which maintenance will be performed.
 Step 3: Sign, date, and return the completed form to Christine Rothman, Development Project Manager III, via one of the following methods:

- Scan and email to crothman@sandiego.gov (include "Annual Maintenance Verification" in the subject line)
- Mail to Christine Rothman, MS 44
- Hand deliver to Christine Rothman

II. TREATMENT CONTROL BMPs AT THIS PROPERTY:

- BMP Type: Bio Clean Round GISB Media Filter. BMP Location: at Palm Ave and Thermal Ave, north side of the street (see attached map).

III. VERIFICATION

Check:

The indicated BMP was inspected.

Check one:

The required maintenance for the indicated BMPs has been performed.

The required maintenance for the indicated BMPs will be completed by the following date:

____/____/____ (Must be no later than 12/31/2013)

Signature of responsible party: _____

Date: 11 / 26 / 13

Printed name of responsible party: Roger Warrick

Telephone: (619) 527-3673 Email: RWarrick@sandiego.gov

ANNUAL MAINTENANCE VERIFICATION FORM

Report Date: 12/19/2013

Owner or Responsible Party Information

Christine Rothman, Development Project Manager III
Storm Water O & M
2781 Caminito Chollas, MS44
San Diego, CA 92105

Project Name

Nestor

Project Location

Palm Avenue and Thermal Ave.

I. INSTRUCTIONS

Step 1: Review the list of treatment control best management practices (BMPs) in Section II.

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II. TREATMENT CONTROL BMPs AT THIS PROPERTY:

- BMP Type: Bio Clean Round GISB Media Filter. BMP Location: at Palm Ave and Thermal Ave, north side of the street (see attached map).

III. VERIFICATION

Check:

The indicated BMP was inspected.

Check one:

The required maintenance for the indicated BMPs has been performed.

The required maintenance for the indicated BMPs will be completed by the following date:

12/6/2013 (Must be no later than 12/31/2013)

Signature of responsible party: _____

Date: 12/19/13

Printed name of responsible party: Rose Wannack

Telephone: (619) 527-3173 Email: RWannack@Sandiego.gov



Legend

- Inlet (Proposed BMP)
- Storm Water Facility
- Watershed

Nestor Creek Channel - Proposed Best Management Practices (BMPs) Location Exhibit

W:\15541-A\NestorCreek\Exhibits\NestorCreek_StormDrainStructures.mxd
 Exhibit Date: September 24, 2010
 REC JN: 15541-A



Data Sources:
 SanGIS Roads - April 2010
 Eagle Aerial Photo: March 2009

RICK
 ENGINEERING COMPANY

Location: Palm and Thermal Avenue

GPS: W:117° 5' 40.337"

N: 32° 35' 2.467"

BMP Type: Bio Clean Round GISB Media Filter

Photos 1 – 7 were taken on Friday November 26, 2013 between 8:00 AM and 8:30 AM.

Photos 8 and 9 were taken on Friday December 6, 2013 between 1:00 PM and 2:00 PM.

1



Photo 1 – Looking into manhole facing southwest prior to cleaning of BMP.

2



Photo 2 – Looking into manhole facing south prior to cleaning of BMP.

3



Photo 3 – Looking southwest towards the curb inlet prior to cleaning of BMP.

4



Photo 4 – Looking south out of curb inlet towards Palm Avenue prior to cleaning of BMP.

5



Photo 5 – Looking into the manhole facing south after the BMP has been clean.

6

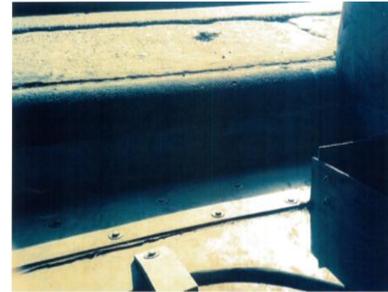


Photo 6 – Looking southwest out of curb inlet towards Palm Avenue after BMP has been clean.

7

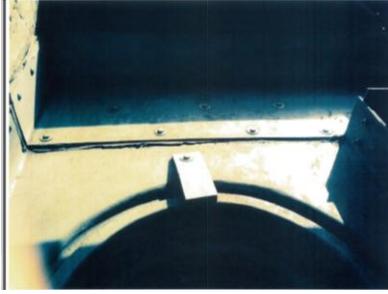


Photo 7 – Looking south towards curb inlet after BMP has been clean.

8



Photo 8 - Looking into manhole facing north prior to cleaning of BMP.

9



Photo 9 – Looking north into the BMP filter basket after cleaning.

Nestor Channel Annual Photo Documentation

The following photographs were taken on Friday afternoon December 6th, 2013 approximately between 1:00 PM and 2:00 PM.

Note: Time recorded on camera is incorrect; the correct time is stated above.



GPS: W: 117°05'41.22"
N: 032°35'03.46"

Photo 1 - Looking east immediately upstream from culverts running under Saturn Street. Note, water ponding on the south side of channel and scattered pieces of trash located towards the middle entrance of the culverts. No vegetation growth.



GPS: W: 117°05'36.08"
N: 032°34'59.06"

Photo 2 - Taken from channel bottom looking east toward culverts running under Saturn Street.

3



GPS: W: 117°05'40.27"
N: 032°35'00.08"

Photo 3 - Looking southeast towards Saturn Street. Vegetation growth near ponding water.

4



GPS: W: 117°05'40.63"
N: 032°34'59.71"

Photo 4 - Looking southeast of channel from 18th Street. Scattered trash and sediment accumulation.

5



GPS: W: 117°05'40.62"
N: 032°35'00.01"

Photo 5 - Looking northwest towards culverts running under 18th and Palm Ave. Little vegetation growth towards the entrance of the culvert and scattered sedimentation deposit.

6



GPS: W: 117°05'40.56"
N: 032°35'00.02"

Photo 6 - Enlarged photo of the vegetation growth in photo 5. Note, trash accumulation near vegetation patches.

7



GPS: W: 117°05'41.01"
N: 032°35'03.82"

Photo 7 - Facing southwest, north of Palm Ave. and east of Thermal Ave. looking towards culverts running under Palm Ave. Sedimentation approximately a quarter inch to an inch deep. Notice, vegetation growth located in front of the middle and right culverts.

8



GPS: W: 117°05'41.01"
N: 032°35'03.81"

Photo 8 - Enlarged portion of the vegetation growth and trash accumulation in photo 7.

9



GPS: W: 117°05'41.10"
N: 032°35'03.63"

Photo 9 - Facing northwest, north of Palm Ave. and east of Thermal Ave. Sediment is approximately a quarter inch to an inch deep with trash scattered throughout the channel. Vegetation growth concentrated in the northeast bend of the channel.

10



GPS: W: 117°05'41.01"
N: 032°35'03.82"

Photo 10 - Enlarged portion of photo 9 where vegetation growth is most dense.

11



GPS: W: 117°05'41.12"
N: 032°35'04.52"

Photo 11 - Looking northwest of the channel running west of Thermal Ave. Water is approximately half an inch to one inch deep with no visual signs of movement.

12



GPS: W: 117°05'44.74"
N: 032°35'06.15"

Photo 12 - Looking southeast towards Thermal Ave. the water is half an inch to an inch deep.

13



GPS: W: 117°05'44.84"
N: 032°35'05.82"

Photo 13 - Looking northwest at the end of the concrete lined channel. Abrupt vegetation growth at the end of the concrete channel leading into the earthen channel.