



City of
Encinitas

July 20, 2000

Mr. John Robertus, Executive Director
San Diego Regional Water Quality Control Board
9771 Clairemont Mesa Blvd., Ste. B
San Diego, CA 92124

** garnett Williams*

Chuck DuVivier
Mayor

MUNICIPAL STORMWATER PERMIT COMPLIANCE REPORTS (90-42)

Dear Mr. Robertus:

James H. Bond
Deputy Mayor

Enclosed please find the City of Encinitas Semi-Annual Stormwater and Urban Run-off Report. In accordance with the requirements of NPDES Order 90-42, this submittal contains a thorough explanation of the following elements.

Shetla S. Cameron
Council Member

- Compliance Report on the Implementation of the Stormwater / Receiving Water Monitoring Program
- Compliance Report on the Implementation of the Illicit Connection / Illegal Discharge Detection Program
- Compliance Report on the Implementation of the Best Management Practices Program for Stormwater Pollution Control
- Program Analysis

Christy Guerin
Council Member

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 fines and imprisonment.

Dennis Holz
Council Member

Sincerely,

Kerry Miller
City Manager

Kerry L. Miller
City Manager

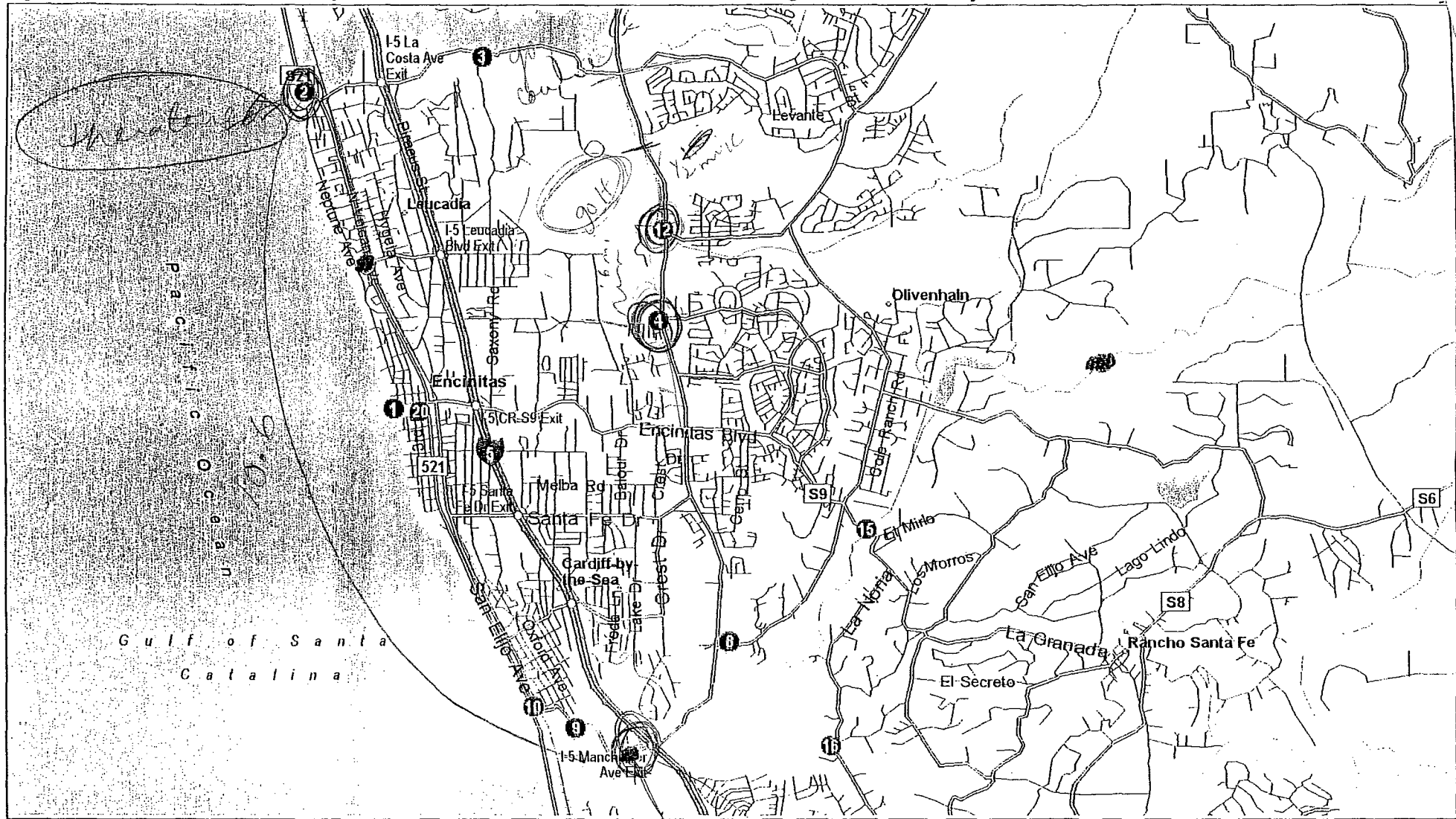
Enclosures

cc: Alan D. Archibald, P.E.
Jace Schwarm

Parrett
Williams
City of FSD

22.0

City of Encinitas Wet Weather Monitoring Locations July '99 to June '00



Conversation with

- 1) Where are samples taken? (Standard?)
- 2) What are the lead uses?
- 3) Extent of Impairment
- 4) Where sample?

5) Monitored in past

6) What is the source of the waterbody? (Historical drainage)

303(d)

4 mi x 4 mi

Go H course nursery

7/19/00

Wet Weather Monitoring
Stations Winter 1999-2000

City of Encinitas

Site #	Date	Rainfall (inches)	Receiving Water Body	Wet Weather Reference Code	Sample Location
10	12/10/99	0.3	San Elijo Lagoon	CARD	Cardiff Drainage Channel Outfall to SEL - Hwy 101 & San Elijo Lagoon Mouth
1	12/10/99	0.3	Moonlight Beach	MOON	Moonlight Beach at Cottonwood Creek Outfall
16	12/10/99	0.3	San Elijo Lagoon	LOR	San Elijo Lagoon (La Orilla Creek @ El Camino Real)
22	1/25/00	0.32	San Elijo Lagoon	COVE ✓	San Elijo Lagoon at Ocean Cove Drive
12	1/25/00	0.32	Batiquitos Lagoon	LEUCADIA ✓	Leucadia Boulevard at El Camino Real <i>50% res.</i>
4	1/25/00	0.32	Batiquitos Lagoon	GARDEN ✓	El Camino Real at Gardenvue Rd
20	2/16/00	0.24	Moonlight Beach	2ND ✓	Cottonwood Creek - 2nd Street Storm Drain Pipe Outfall
9	2/16/00	0.24	San Elijo Lagoon	JPA	San Elijo Lagoon across from JPA Sewage Treatment Plant
2	2/16/00	0.24	Batiquitos Lagoon	PONTO ✓	S. Carlsbad State Beach - Hwy 101 Drainage Channel
3	2/23/00	0.6	Batiquitos Lagoon	SAX ✓	La Costa Ave. @ Saxony Rd.
8	2/23/00	0.6	San Elijo Lagoon	EMAN ✓	East Manchester @ El Camino Real
SP	3/15/00	0.72	Batiquitos Lagoon	LAKE LEUCADIA	Leucadia Boulevard @ Coast Hwy 101
ADD	4/18/00	1.3	San Elijo Lagoon	ESC CREEK ✓	Escondido Creek @ Wildflower Drive
15	4/18/00	1.3	San Elijo Lagoon	LA BAJADA ✓	Escondido Creek @ La Bajada Dip
ADD	5/24/00	0	San Elijo Lagoon	ESC CREEK ✓	Escondido Creek @ Wildflower Drive
15	5/24/00	0	San Elijo Lagoon	LA BAJADA ✓	Escondido Creek @ La Bajada Dip

mostly
 22 - Residential, storm drain
 12 - Encinitas Creek } Comm/res.
 4 - Encinitas Creek }
 2 - Drains 101 - *mainly* commercial
 sump-like conditions

Encinitas Creek

First samples

"SP" designates a sampling site that is a "sump-like" retention area and does not discharge to waters of the US.

Add designates additional sampling site not mandated by CFR

IS ADD 16 10 1

Analyte	Method	Units	LOCATION	LA BAJADA ✓		ESC CREEK ✓		LA ORILLA	CARDIFF	MOON
			DATE	4/18/00	5/24/00	4/18/00	5/24/00	12/10/99	12/10/99	12/10/99
			Reporting Limit							
Azinphosmethyl	EPA 8141A	ug/L	1.00	ND	ND	ND	ND			
Bolstar	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Chlorpyrifos	EPA 8141A	ug/L	0.05	ND	ND	ND	ND			
Coumaphos	EPA 8141A	ug/L	0.20	ND	ND	ND	ND			
Def	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Demeton-s	EPA 8141A	ug/L	0.20	ND	ND	ND	ND			
Diazinon	EPA 8141A	ug/L	0.05	0.22	ND	0.3	ND			
Dichlorvoz	EPA 8141A	ug/L	0.20	ND	ND	ND	ND			
Dimethoate	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Disulfoton	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
EPN	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
EPTC	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Ethion	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Ethoprop	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Fensulfothion	EPA 8141A	ug/L	0.50	ND	ND	ND	ND			
Fenthion	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Malathion	EPA 8141A	ug/L	0.12	ND	ND	ND	ND			
Merphos	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Mevinphos	EPA 8141A	ug/L	0.70	ND	ND	ND	ND			
Naled	EPA 8141A	ug/L	0.50	ND	ND	ND	ND			
Parathion, ethyl	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Parathion, methyl	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Phorate	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Prowl	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Ronnel	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Stirophos	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Tokuthion	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Trichloronate	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			
Trifluralin	EPA 8141A	ug/L	0.10	ND	ND	ND	ND			

20 9 2 SP 22 12 4 8 3

			LOCATION	2ND ✓	SAN ELIJO JPA	PONTO ✓	LAKE LEUCADIA	OCEAN COVE ✓	LEUCADIA ✓	GARDEN VIEW ✓	EAST MANCHESTER ✓	SAXONY ✓
			DATE	2/16/00	2/16/00	2/16/00	3/5/00	1/25/00	1/25/00	1/25/00	2/23/00	2/23/00
Analyte	Method	Units	Reporting Limit									
Azinphosmethyl	EPA 8141A	ug/L	1.00	ND	ND	ND		ND	ND	ND	ND	ND
Bolstar	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Chlorpyrifos	EPA 8141A	ug/L	0.05	ND	ND	0.06		ND	ND	ND	0.04	ND
Coumaphos	EPA 8141A	ug/L	0.20	ND	ND	ND		ND	ND	ND	ND	ND
Def	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Demeton-s	EPA 8141A	ug/L	0.20	ND	ND	ND		ND	ND	ND	ND	ND
Diazinon	EPA 8141A	ug/L	0.05	0.09	ND	0.27		2.1	0.38	1.2	0.09	0.13
Dichlorvoz	EPA 8141A	ug/L	0.20	ND	ND	ND		ND	ND	ND	ND	ND
Dimethoate	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Disulfoton	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
EPN	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
EPTC	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Ethion	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Ethoprop	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Fensulfothion	EPA 8141A	ug/L	0.50	ND	ND	ND		ND	ND	ND	ND	ND
Fenthion	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Malathion	EPA 8141A	ug/L	0.12	ND	ND	0.2		1.1	0.67	1.4	ND	ND
Merphos	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Mevinphos	EPA 8141A	ug/L	0.70	ND	ND	ND		ND	ND	ND	ND	ND
Naled	EPA 8141A	ug/L	0.50	ND	ND	ND		ND	ND	ND	ND	ND
Parathion, ethyl	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Parathion, methyl	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Phorate	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Prowl	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	0.31	ND	ND
Ronnel	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Stirophos	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Tokuthion	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Trichloronate	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND
Trifluralin	EPA 8141A	ug/L	0.10	ND	ND	ND		ND	ND	ND	ND	ND