



November 29, 2006

To Whom It May Concern:

On behalf of Verizon California Inc., Jameson Environmental Services is pleased to submit a Notice of Intent along with one copy of Pollution Prevention Practices for Utility Vaults and Other Subsurface Structures as part of General Permit Number CAG990002. The Verizon WDID identification numbers for each region are as follows:

Region 1: WDID NUMBER 1000U000008  
Region 2: WDID NUMBER 2000U000009  
Region 3: WDID NUMBER 3000U000010  
Region 4: WDID NUMBER 4000U000011  
Region 5: WDID NUMBER 5000U000013  
Region 6: WDID NUMBER 6000U000014  
Region 7: WDID NUMBER 7000U000015  
Region 8: WDID NUMBER 8000U000016  
Region 9: WDID NUMBER 9000U000017

Should you have any questions concerning this submission, please feel free to contact Juli Jameson of Jameson Environmental Services at 903-926-2517.

Sincerely,



Juli Jameson

Jameson Environmental Services

Cc: Masood Choudhury, Verizon California  
Pamela Kissick, Sunwest Engineering Constructors

ATTACHMENT B – NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM      1.  New Discharger    2.  Change of Information – WDID # 2000000009

**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301HJ PO Box 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>		4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
D. County <u>Los Angeles</u>		E. State <u>CA</u>	F. Zip Code <u>91708</u>	
G. Contact Person <u>MASOOD CHOUDHURY</u>	H. Title <u>ENVIRONMENTAL MGR</u>	I. Phone <u>903-613-1553</u>		

ADDITIONAL OWNERS

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>SAN FRANCISCO BAY</u>	B. Describe the types of receiving waters affected: <u>RIVER, LAKE, STREAM, CREEK, CHANNEL, BAY, OCEAN</u>
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, and/or 9: <u>(2)3, 4, 5, 6, 7, 8, and/or 9:</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?     Yes     No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain:  
Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?     Yes     No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FICUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located		D. Title of Contact Person		
E. City Ranona	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-613-1552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume are - screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

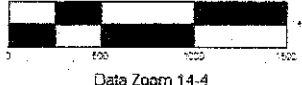
WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received: \$		Check #:	

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff into municipal storm drains. Closest surface water would be Ross Creek, which would run south by southwest into the Lexington Reservoir.



Data Zoom 14-4

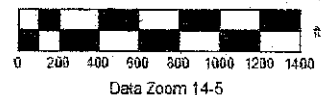
**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-6**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



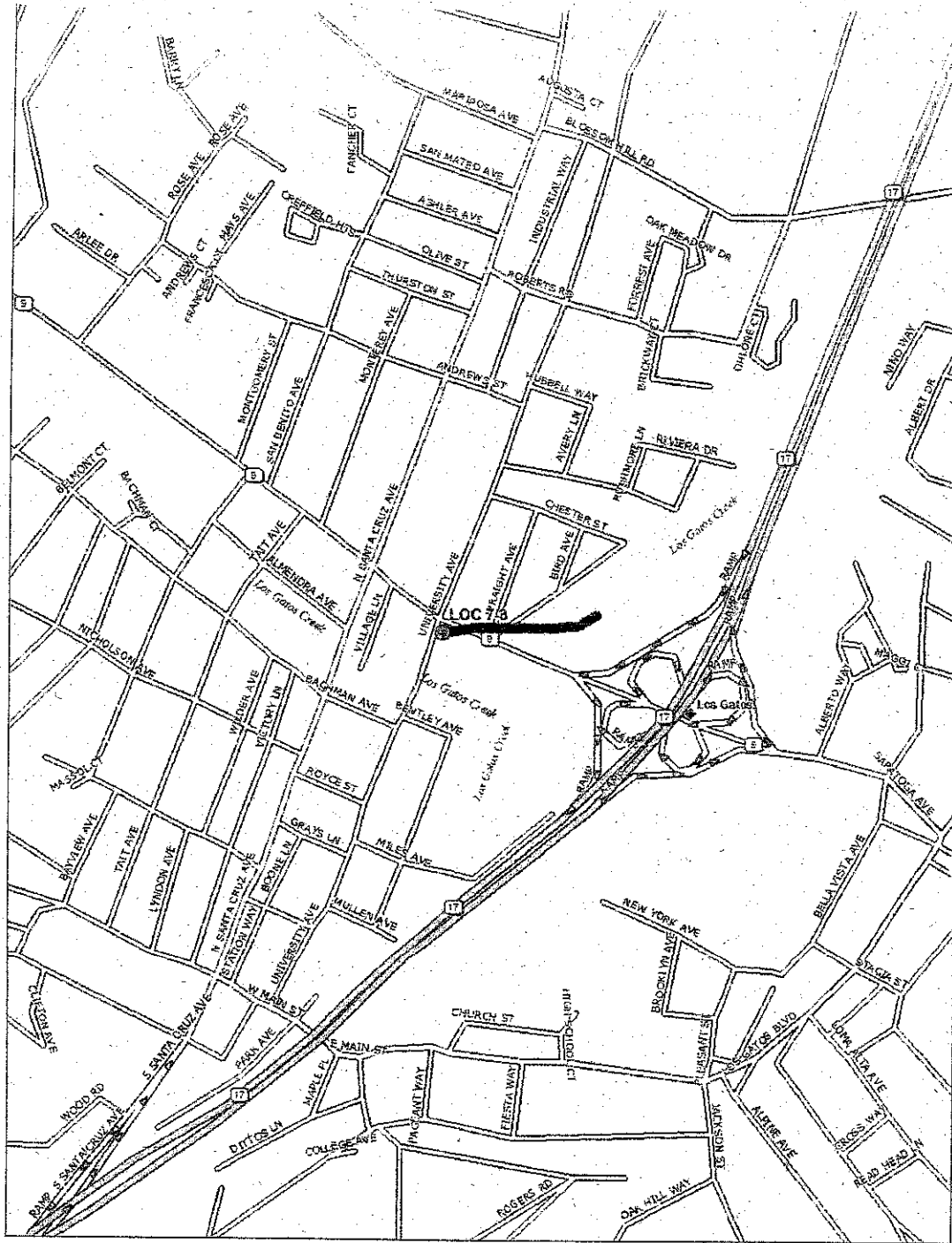
**Essential Features of Distribution System**

Runoff into municipal storm drains. Closest surface water would be Smith Creek, which flows until it is truncated at Daves Avenue, where presumably it is diverted via a municipal system into Vasona Reservoir.



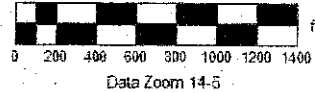
**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-4**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



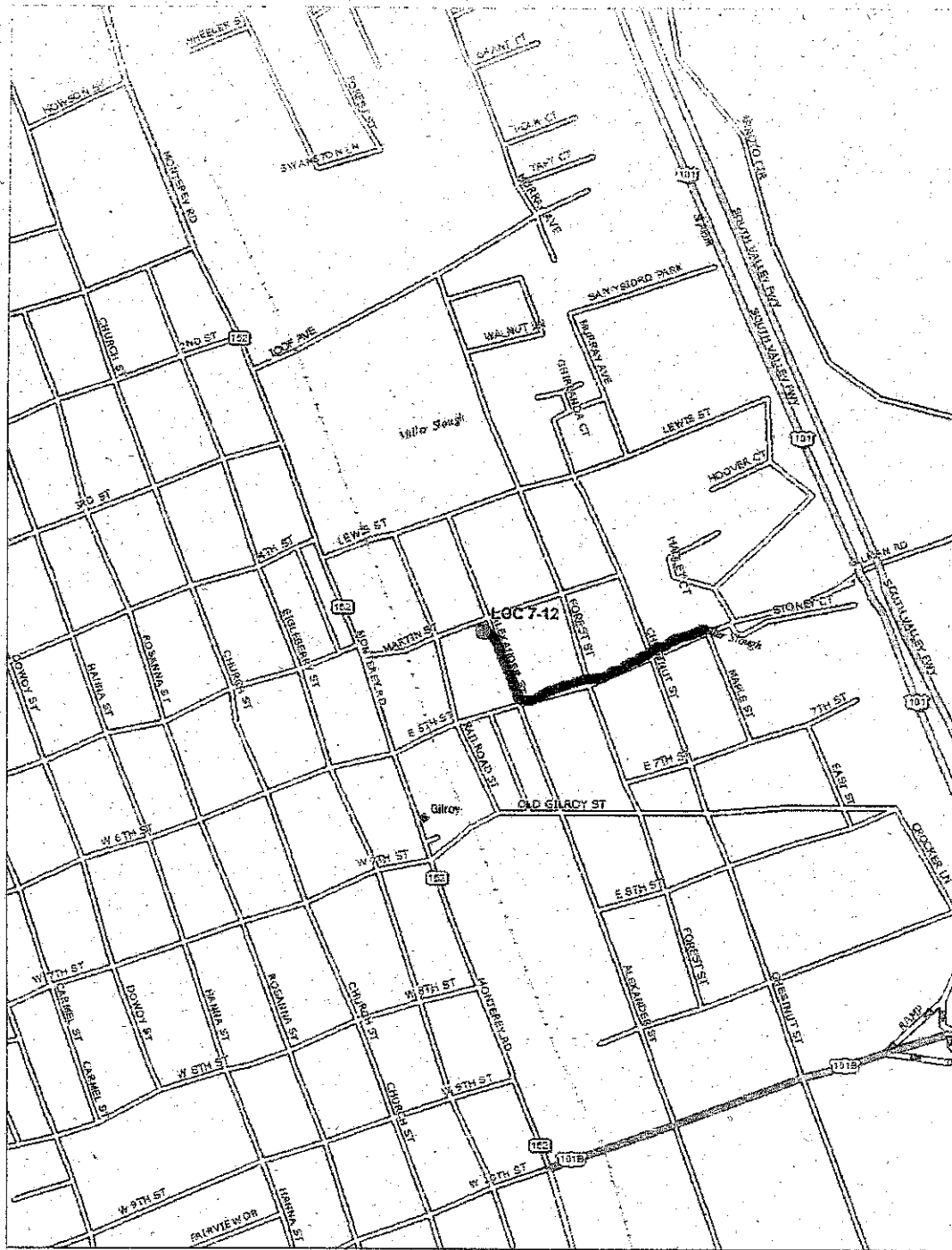
**Essential Features of Distribution System**

Runoff into municipal storm drains. Closest surface water would be Los Gatos Creek, which flows to the Vasona Reservoir.



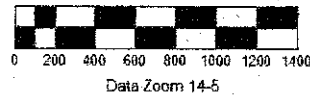
Region: San Francisco Bay Region (2)  
 Location: LOC 7-3  
 As Part of 2006 Case Study

Sample Drainage Map  
 Verizon California  
 Samples and Coordinates from 2006 Case Study



**Essential Features of  
 Distribution System**

Runoff into municipal storm drains. Closest surface water would be the Miller Slough which runs south by southeast into Llagas Creek.

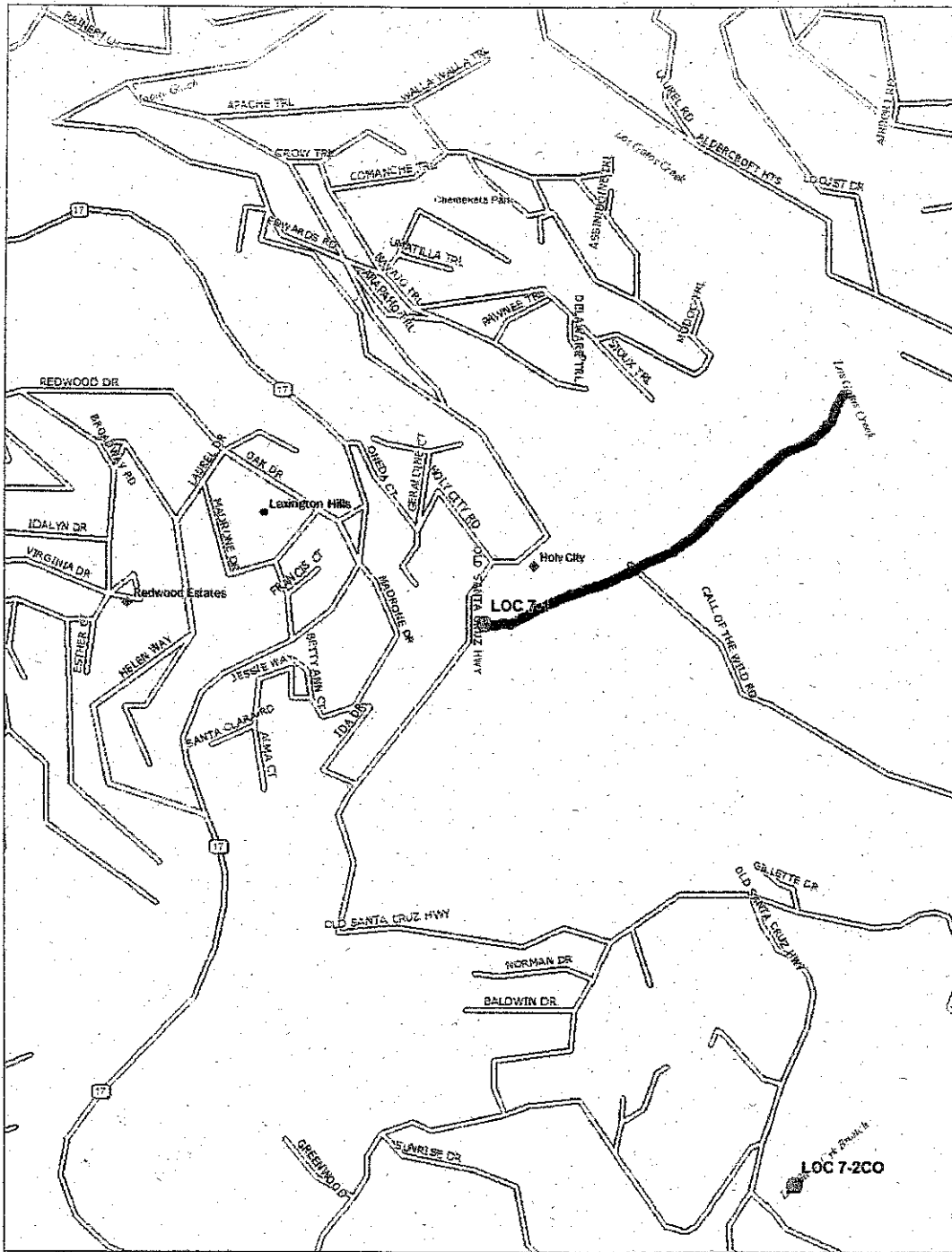


Region: San Francisco Bay Region (2)  
 Location: LOC 7-12  
 As Part of 2006 Case Study

# Sample Drainage Map

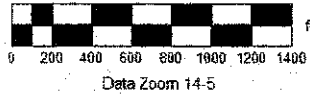
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via roadway gutters and down the hillside, filtering into Los Gatos Creek, then flowing into the Lexington Reservoir.



**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-1**  
**As Part of 2006 Case Study**



**ATTACHMENT B – NOTICE OF INTENT FORM**

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM      1.  New Discharger    2.  Change of Information – WDID # 3000000010

**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301 H.I. PO Box 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>	D. County <u>Los Angeles</u>	4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
E. State <u>CA</u>	F. Zip Code <u>91708</u>	G. Contact Person <u>MASOOD Choudhury</u>		
H. Title <u>Environmental Mgr</u>		I. Phone <u>903-613-1553</u>		

ADDITIONAL OWNERS

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>Multiple Receiving Waters to Ocean River Lake stream creek channel bay ocean</u>	B. Describe the types of receiving waters affected:
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, and/or 9:	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain:  
Short-term, small volume discharges on emergency basis!

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?       Yes       No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

VERIZON CALIFORNIA INC. A. Company Name		B. Contact Person MASOOD CHOUDHURY Environment Manager		
2849 EIGUS Street C. Street Address Where PLAN is Located		D. Title of Contact Person		
E. City Riverside	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-613-1552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume of screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
 Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal?  Yes  No N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: Masood H. Choudhury C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT WEST

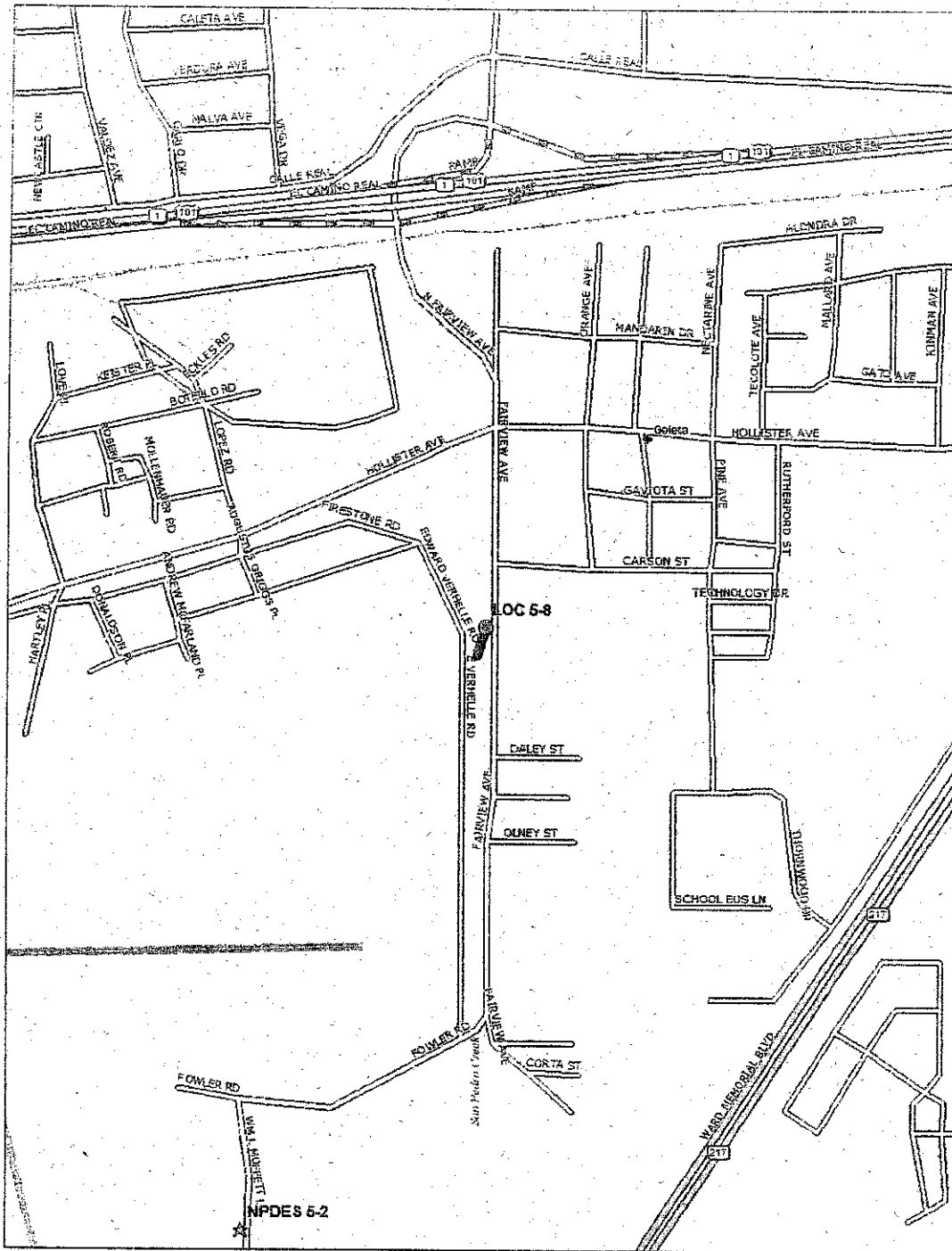
PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
 NPDES UNIT  
 DIVISION OF WATER QUALITY  
 STATE WATER RESOURCES CONTROL BOARD  
 P.O. BOX 100  
 SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

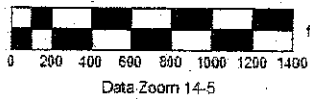
WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received:	Check #:		
\$			

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the San Pedro Creek which flows into the Pacific Ocean.

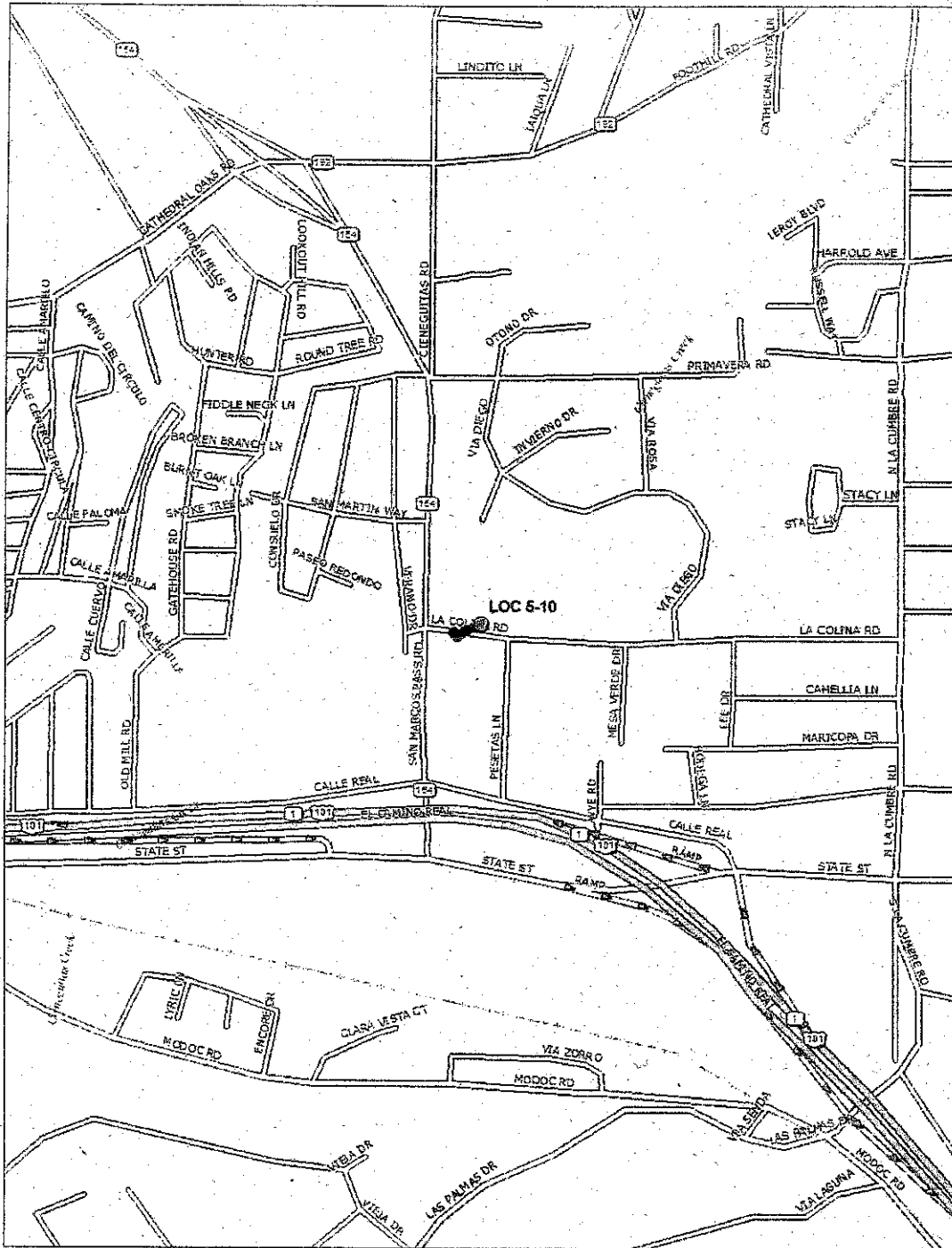


Region: Central Coast Region (3)  
 Location: LOC 5-8  
 As Part of 2006 Case Study

# Sample Drainage Map

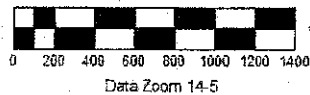
## Verizon California

### Samples and Coordinates from 2006 Case Study



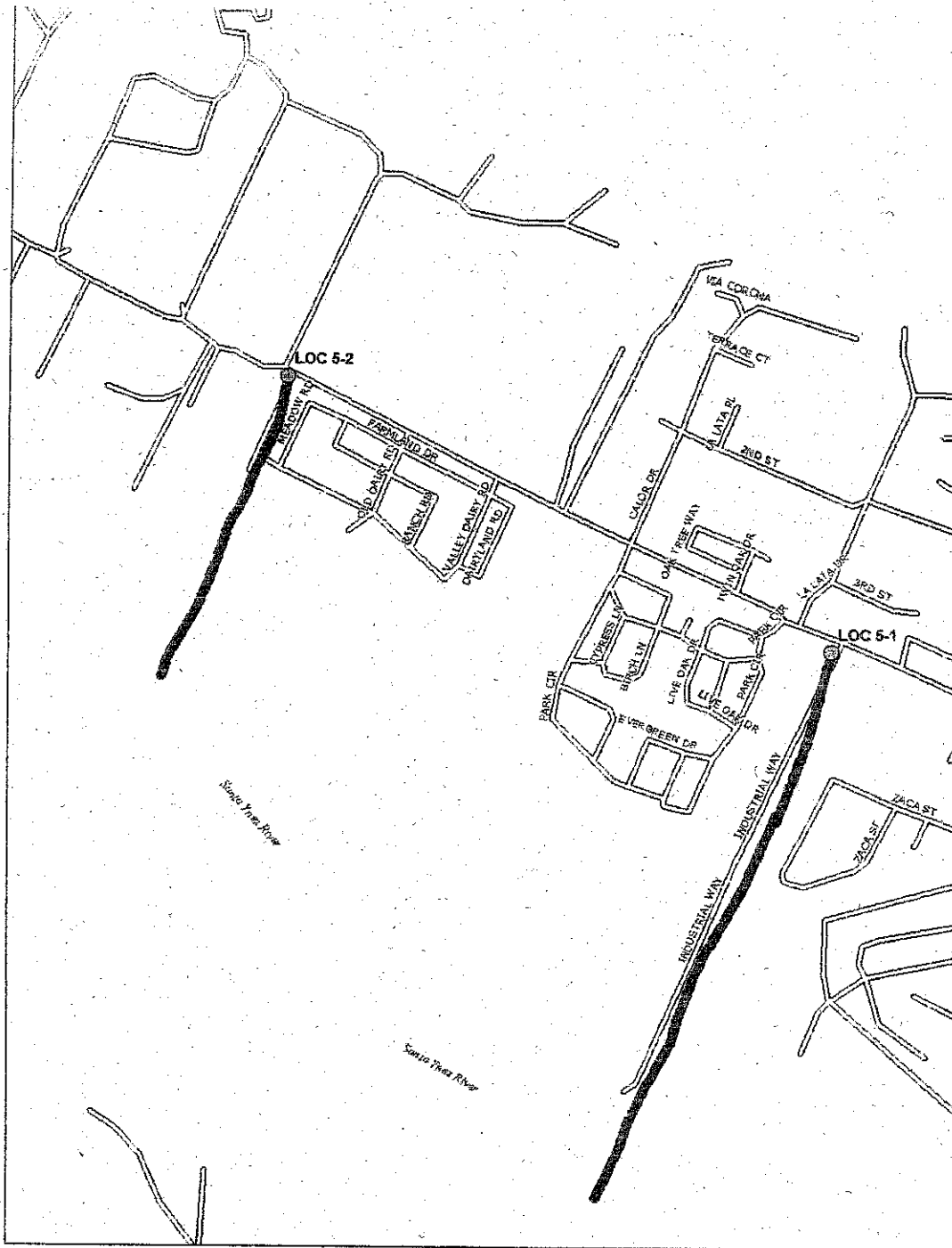
#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Cieneguitas Creek, which flows south by southwest into the Atascadero Creek, which then flows into the open waters of the Goleta Slough and then into the Pacific Ocean.



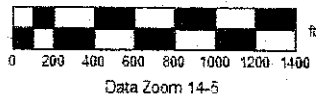
Region: Central Coast Region (3)  
 Location: LOC 5-10  
 As Part of 2006 Case Study

Sample Drainage Map  
 Verizon California  
 Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Santa Ynez River, which flows in a generally westward direction into the Pacific Ocean.

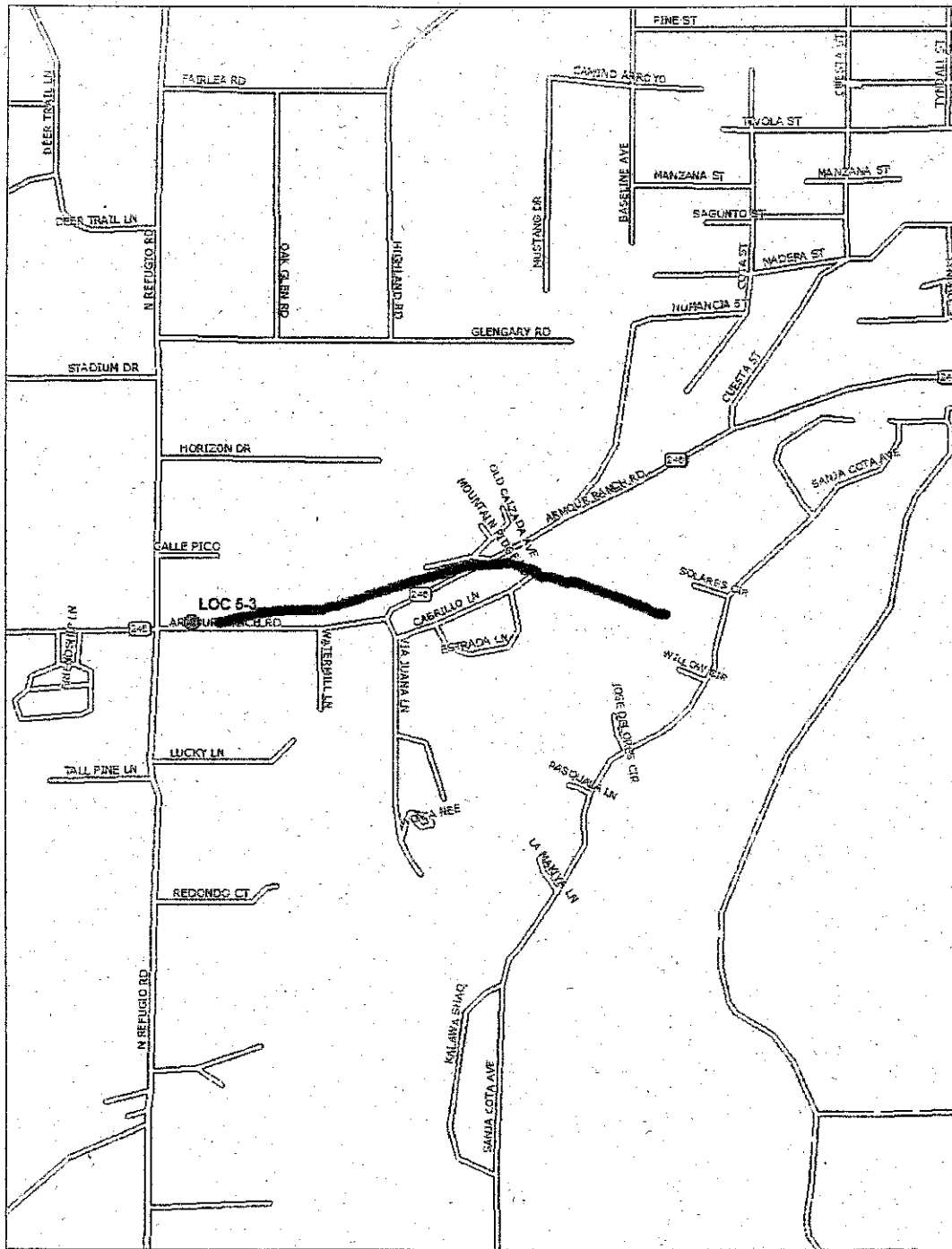


Region: Central Coast Region (3)  
 Location: LOC 5-1 and LOC 5-2  
 As Part of 2006 Case Study

# Sample Drainage Map

## Verizon California

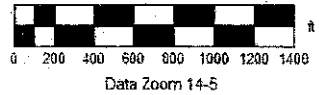
### Samples and Coordinates from 2006 Case Study



Data used subject to license

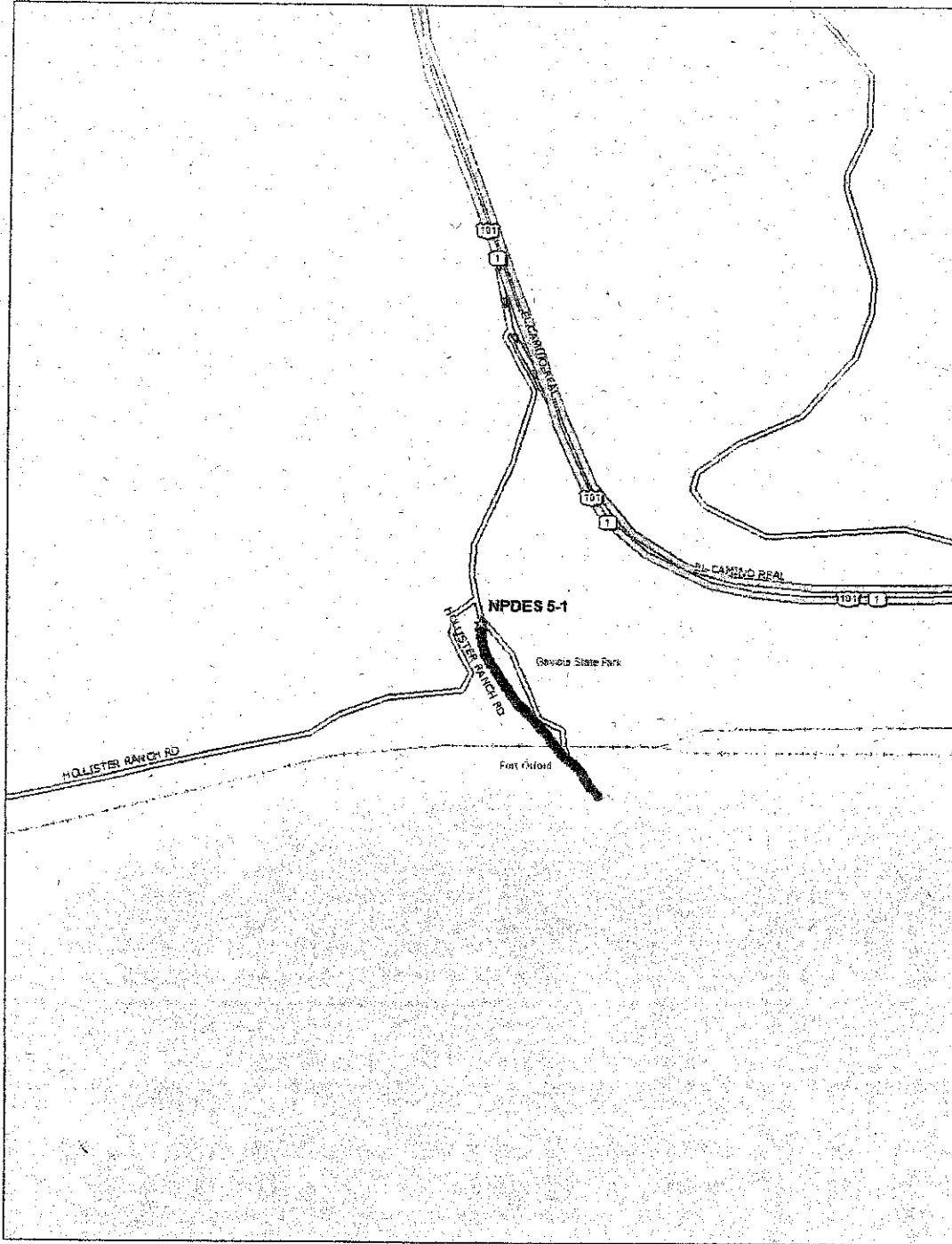
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is a perennial stream which flows into the Santa Ynez River, which flows in a generally westward direction into the Pacific Ocean.



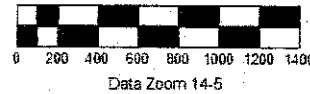
**Region:** Central Coast Region (3)  
**Location:** LOC 5-3  
**As Part of 2006 Case Study**

Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Pacific Ocean.



Region: Central Coast Region (3)  
Location: NPDES 5-1  
As Part of 2006 Case Study

**ATTACHMENT B - NOTICE OF INTENT FORM**

**NOTICE OF INTENT (NOI)  
 WATER QUALITY ORDER NO. 2006-0008-DWQ  
 STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
 SURFACE WATERS OF THE UNITED STATES  
 GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM      1.  New Discharger    2.  Change of Information - WDID # 40000000011

**II. OWNER/OPERATOR (If additional owners/operators are involved, provide the information in a supplemental page.)**

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301H.1 PO BOX 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>	D. County <u>Los Angeles</u>	4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
G. Contact Person <u>MASOOD Choudhury</u>	H. Title <u>Environmental Mgr</u>	E. State <u>CA</u>	F. Zip Code <u>91708</u>	
I. Phone <u>909-613-1553</u>		<input type="checkbox"/> ADDITIONAL OWNERS		

**III. BILLING ADDRESS (Enter information only if different from above)**

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>Los Angeles River</u>	B. Describe the types of receiving waters affected: <u>River, lake, stream, creek, channel, bay, ocean</u>
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, <u>4</u> , 5, 6, 7, 8, and/or 9:	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?       Yes       No



ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET			B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located			D. Title of Contact Person		
E. City ROMONA	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903.613.1552	

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume are - screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
 Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal?  Yes  No N/A

C. Have you included your PLAN?  Yes  No

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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: Masood H. Choudhury C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT, WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
 NPDES UNIT  
 DIVISION OF WATER QUALITY  
 STATE WATER RESOURCES CONTROL BOARD  
 P.O. BOX 100  
 SACRAMENTO, CA 95812-0100

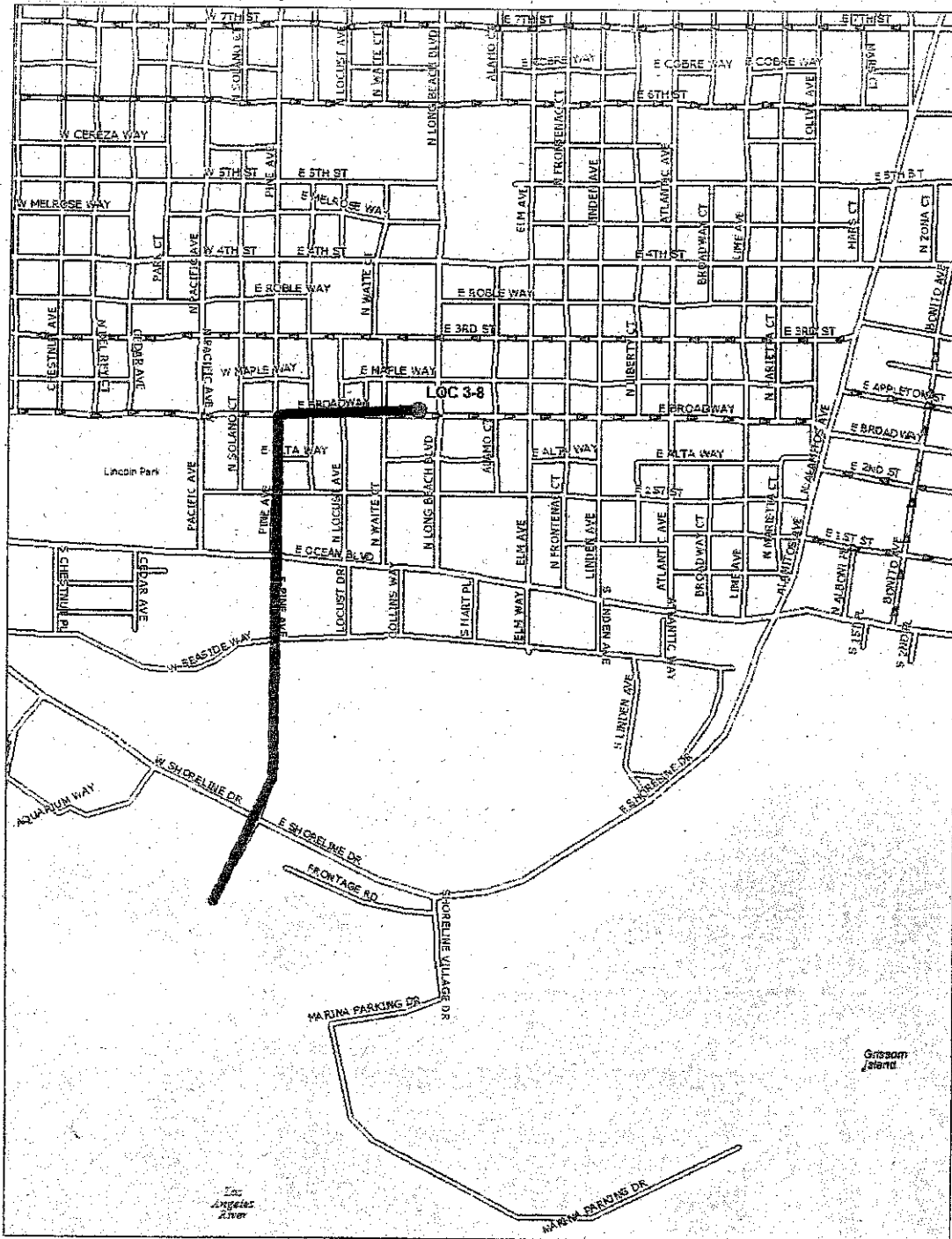
**STATE USE ONLY**

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received: \$		Check #:	

# Sample Drainage Map

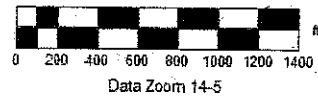
## Verizon California

### Samples and Coordinates from 2006 Case Study



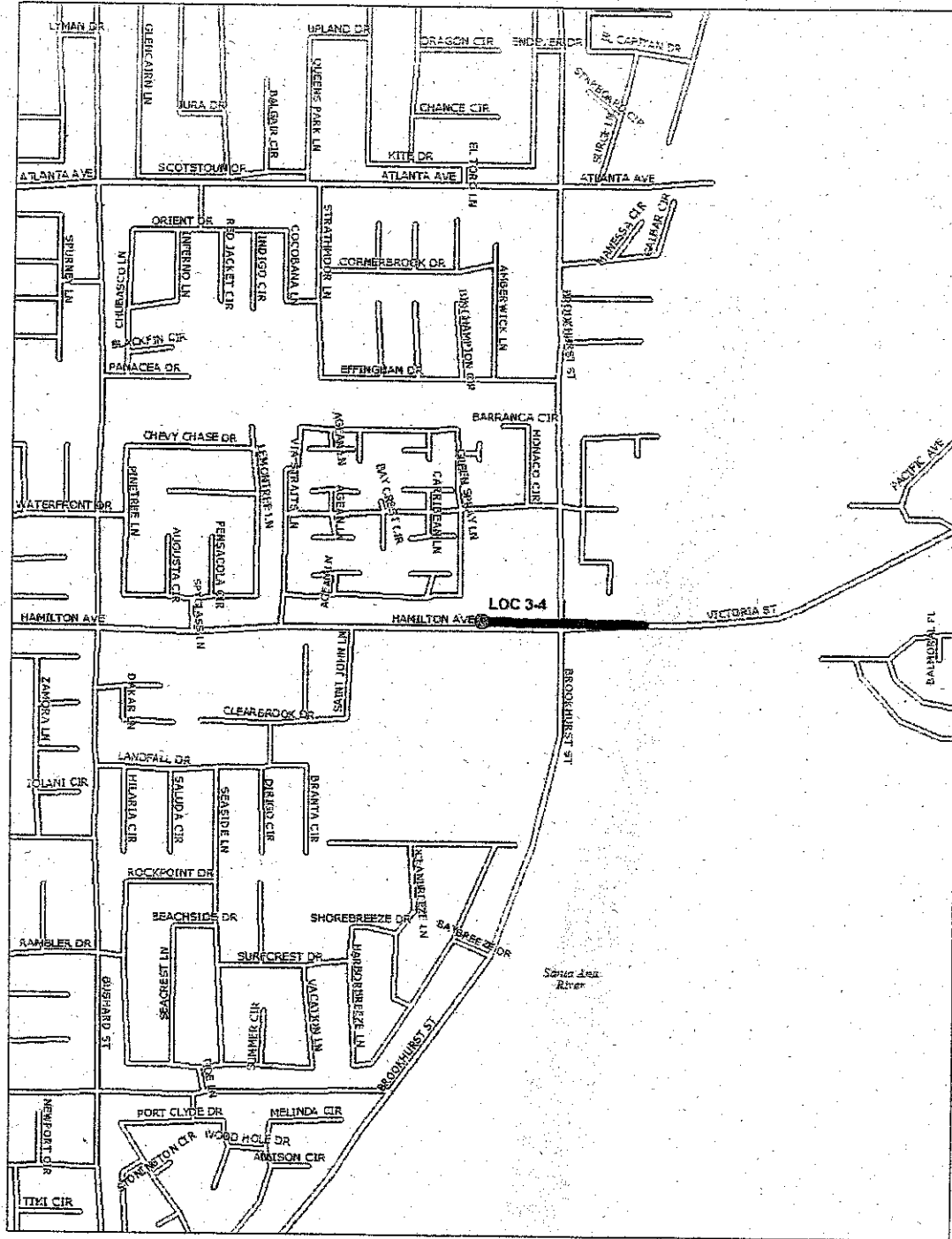
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Los Angeles River, which flows into the Pacific Ocean..



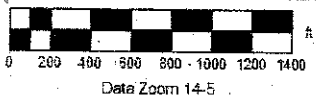
**Region:** Los Angeles Region (4)  
**Location:** LOC 3-8  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is Santa Ana River, which flows into the Pacific Ocean..

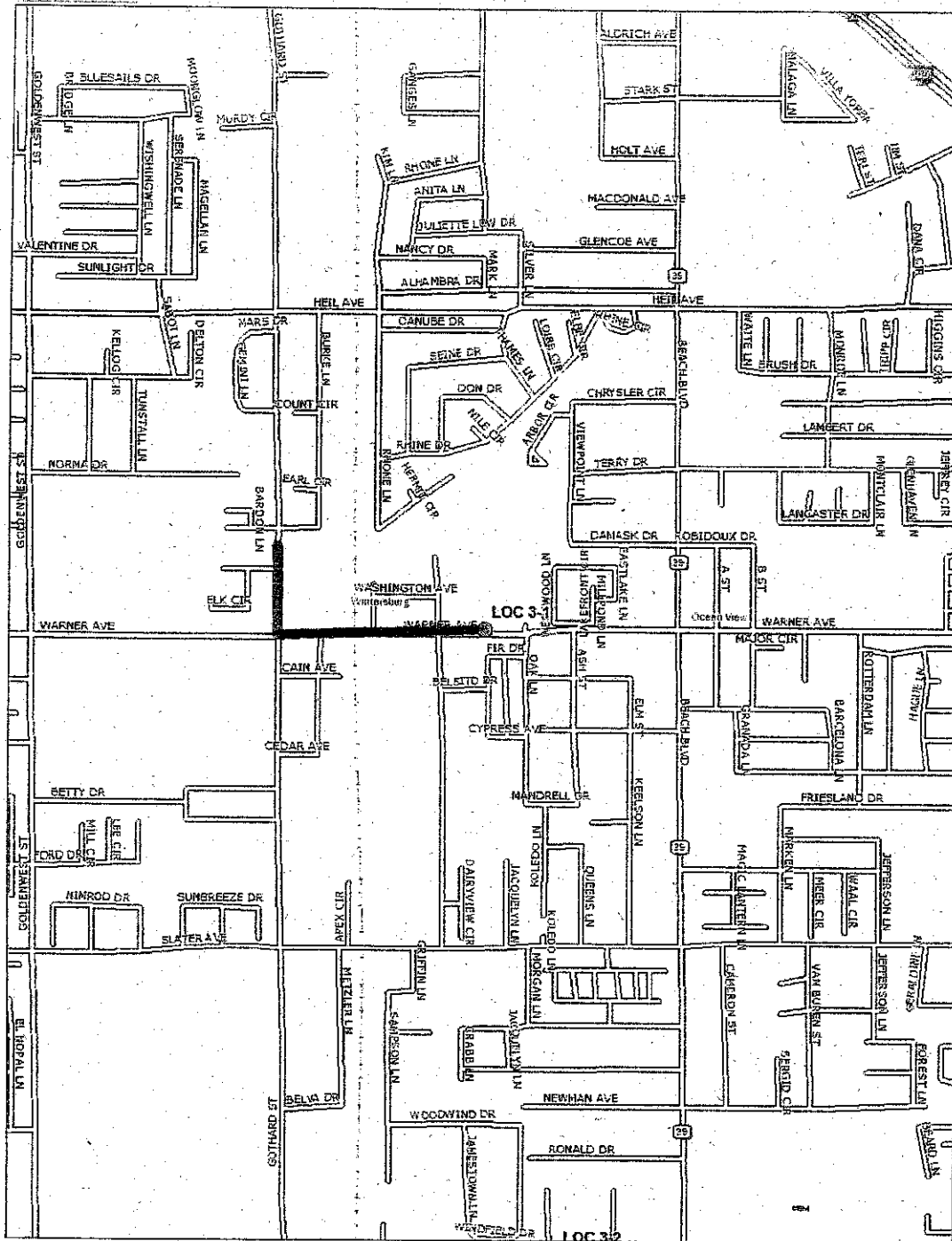


**Region: Los Angeles Region (4)**  
**Location: LOC 3-4**  
**As Part of 2006 Case Study**

# Sample Drainage Map

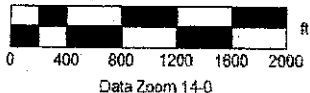
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is a flood control channel, which flows in a west by southwest direction into Bolsa Bay and then into the Pacific Ocean.

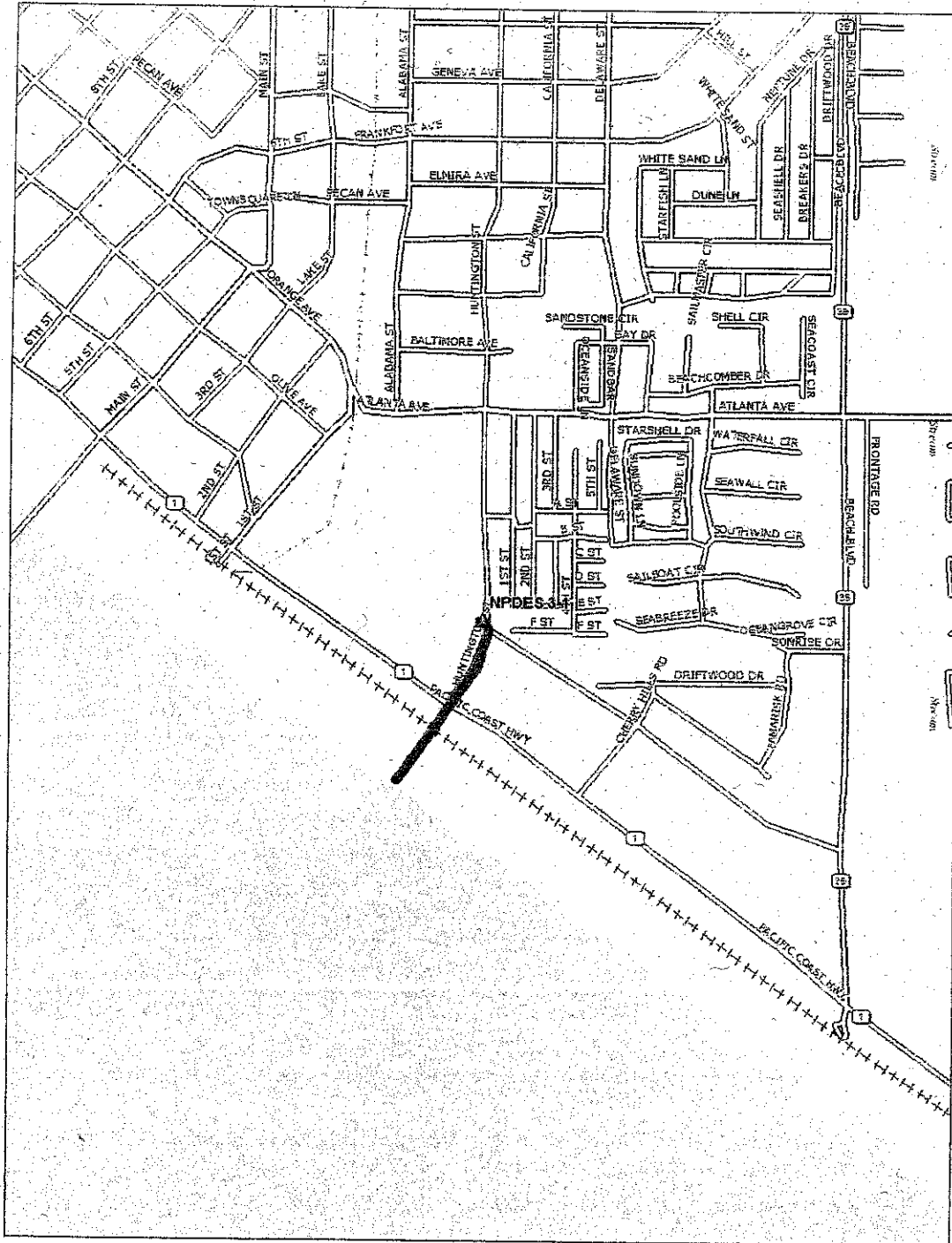


**Region: Los Angeles Region (4)**  
**Location: LOC 3-1**  
**As Part of 2006 Case Study**

# Sample Drainage Map

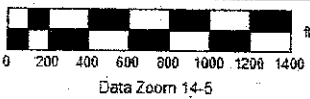
## Verizon California

### Samples and Coordinates from 2006 Case Study



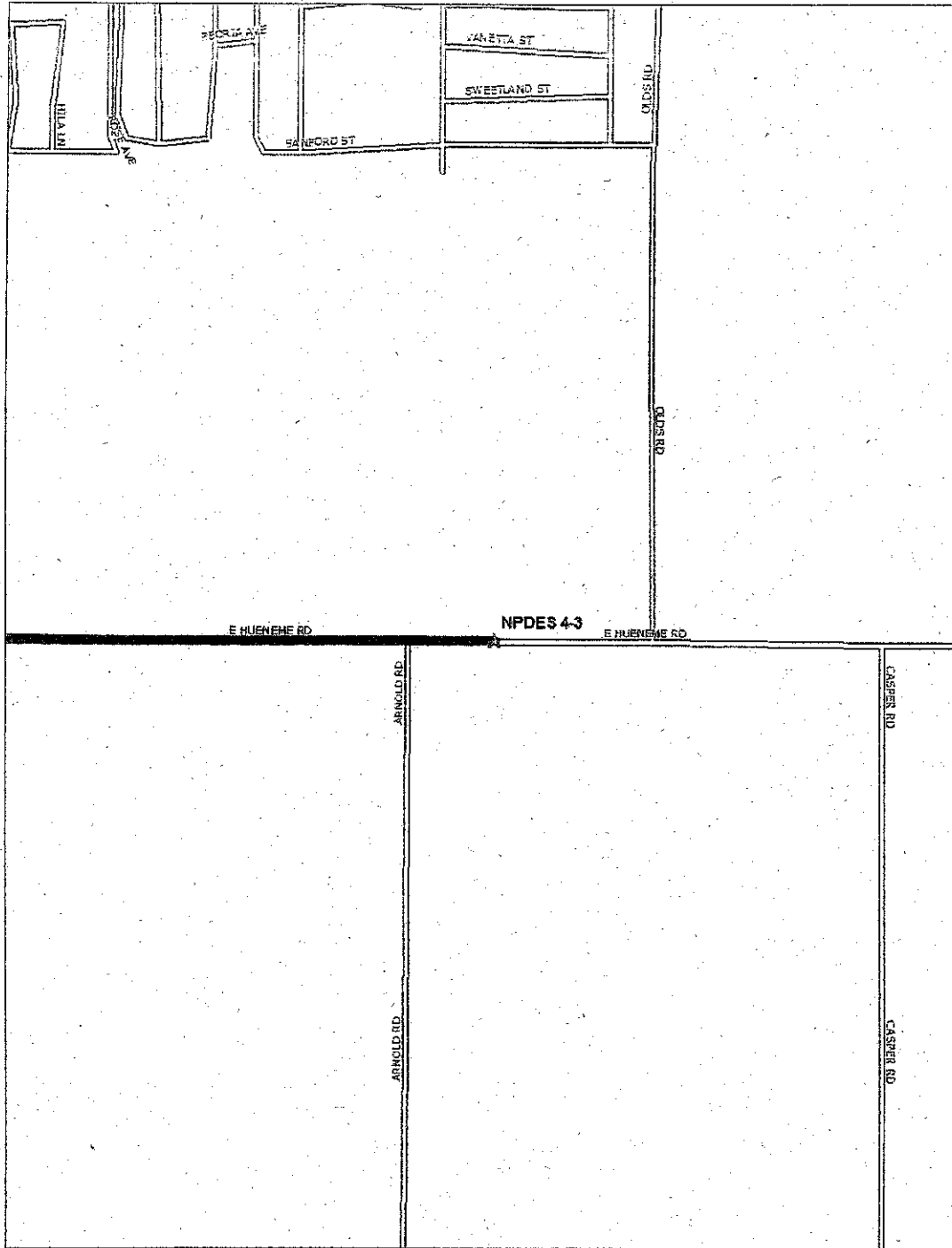
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Pacific Ocean.



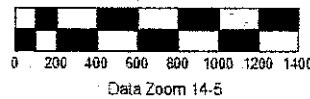
**Region: Los Angeles Region (4)**  
**Location: NPDES 3-1**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Pacific Ocean.



**Region: Los Angeles Region (4)**  
**Location: LOC 4-3**  
**As Part of 2006 Case Study**

ATTACHMENT B - NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)**  
**WATER QUALITY ORDER NO. 2006-0008-DWQ**  
**STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**  
**PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO**  
**SURFACE WATERS OF THE UNITED STATES**  
**GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM      1.  New Discharger    2.  Change of Information - WDID # 5001000013

**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
		4. <input type="checkbox"/> Gov. Combo	5. <input checked="" type="checkbox"/> Private	
B. Mailing Address <u>MAIL CODE CA301HJ PO Box 725</u>				
C. City <u>Chino</u>		D. County <u>Los Angeles</u>		E. State <u>CA</u>
				F. Zip Code <u>91708</u>
G. Contact Person <u>MASOOD Choudhury</u>		H. Title <u>Environmental Mgr</u>		I. Phone <u>903-613-1553</u>
<input type="checkbox"/> ADDITIONAL OWNERS				

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>Various waters flowing to Ocean River, Lake, stream, creek, channel, bay, ocean</u>	B. Describe the types of receiving waters affected:
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, <u>(5)</u> , 6, 7, 8, and/or 9: <u>Central Valley</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?       Yes       No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located			D. Title of Contact Person	
E. City Pomona	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903.613.1552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent small volume pre-screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
 Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

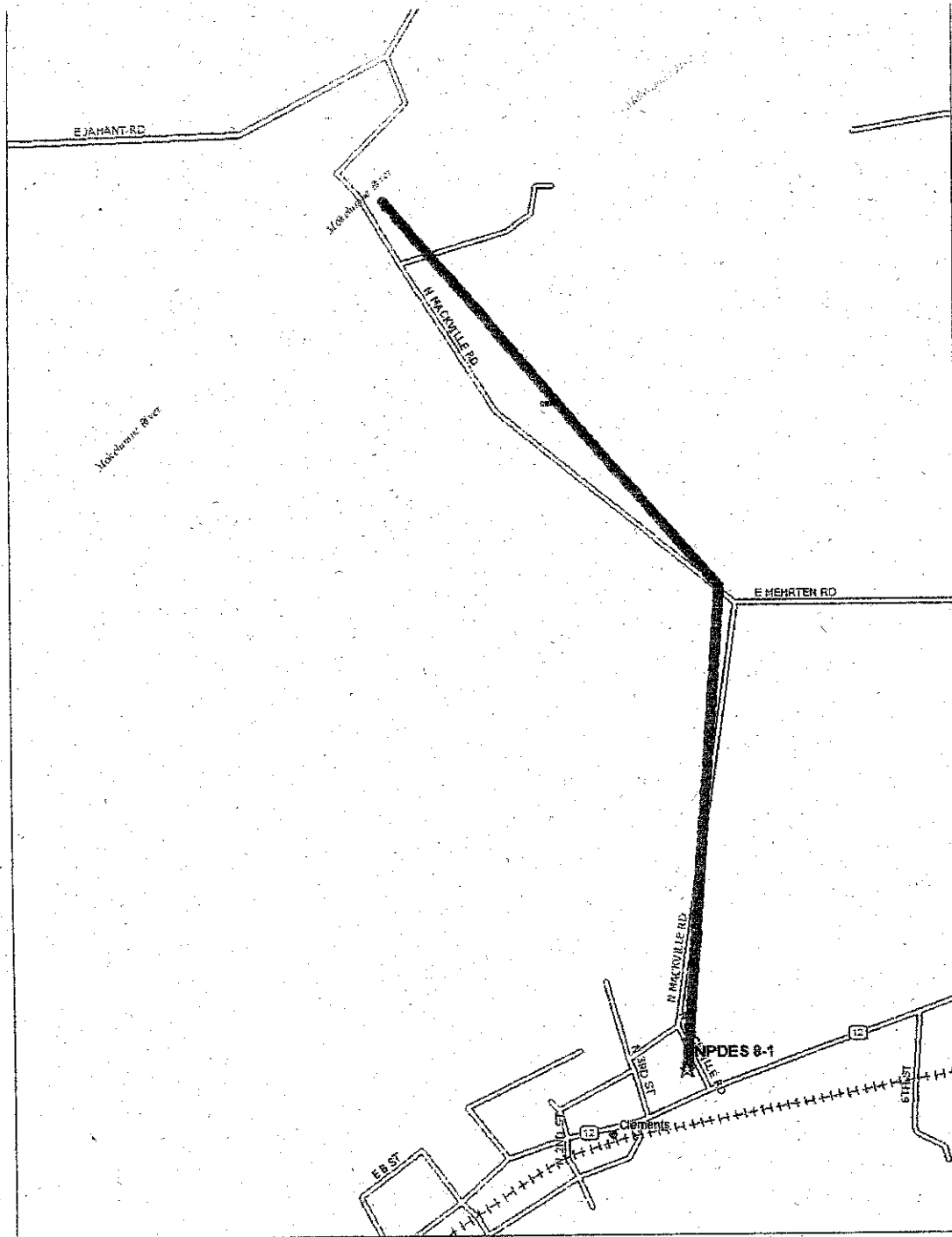
UTILITIES NOI  
 NPDES UNIT  
 DIVISION OF WATER QUALITY  
 STATE WATER RESOURCES CONTROL BOARD  
 P.O. BOX 100  
 SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received:	\$	Check #:	

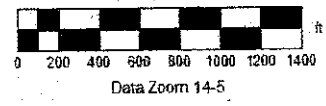
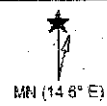


# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Mokelumne River which then flows into the Comanche Reservoir.

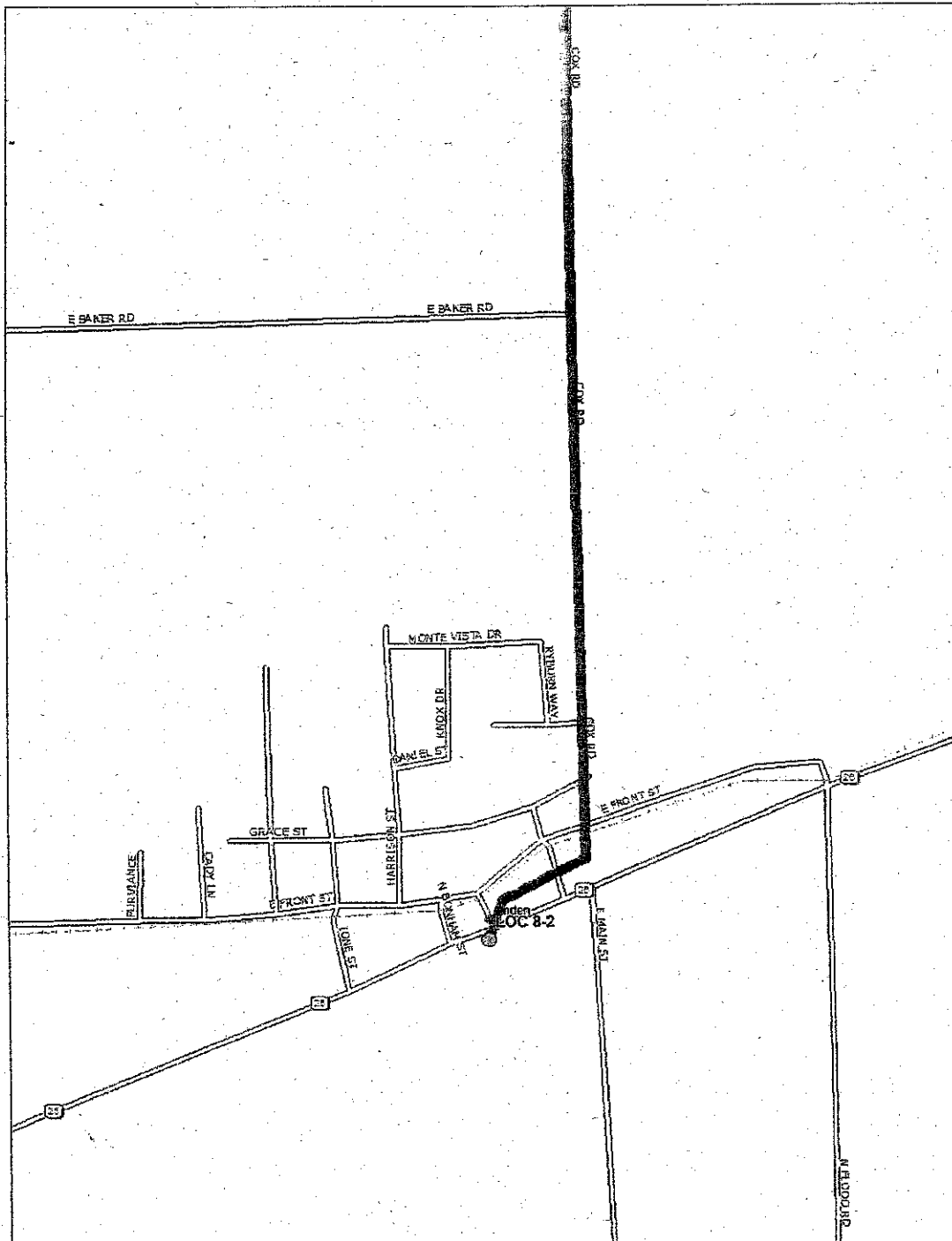


Region: Central Valley Region (5)  
Location: NPDES 8-1  
As Part of 2006 Case Study

# Sample Drainage Map

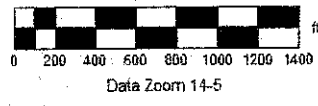
## Verizon California

### Samples and Coordinates from 2006 Case Study



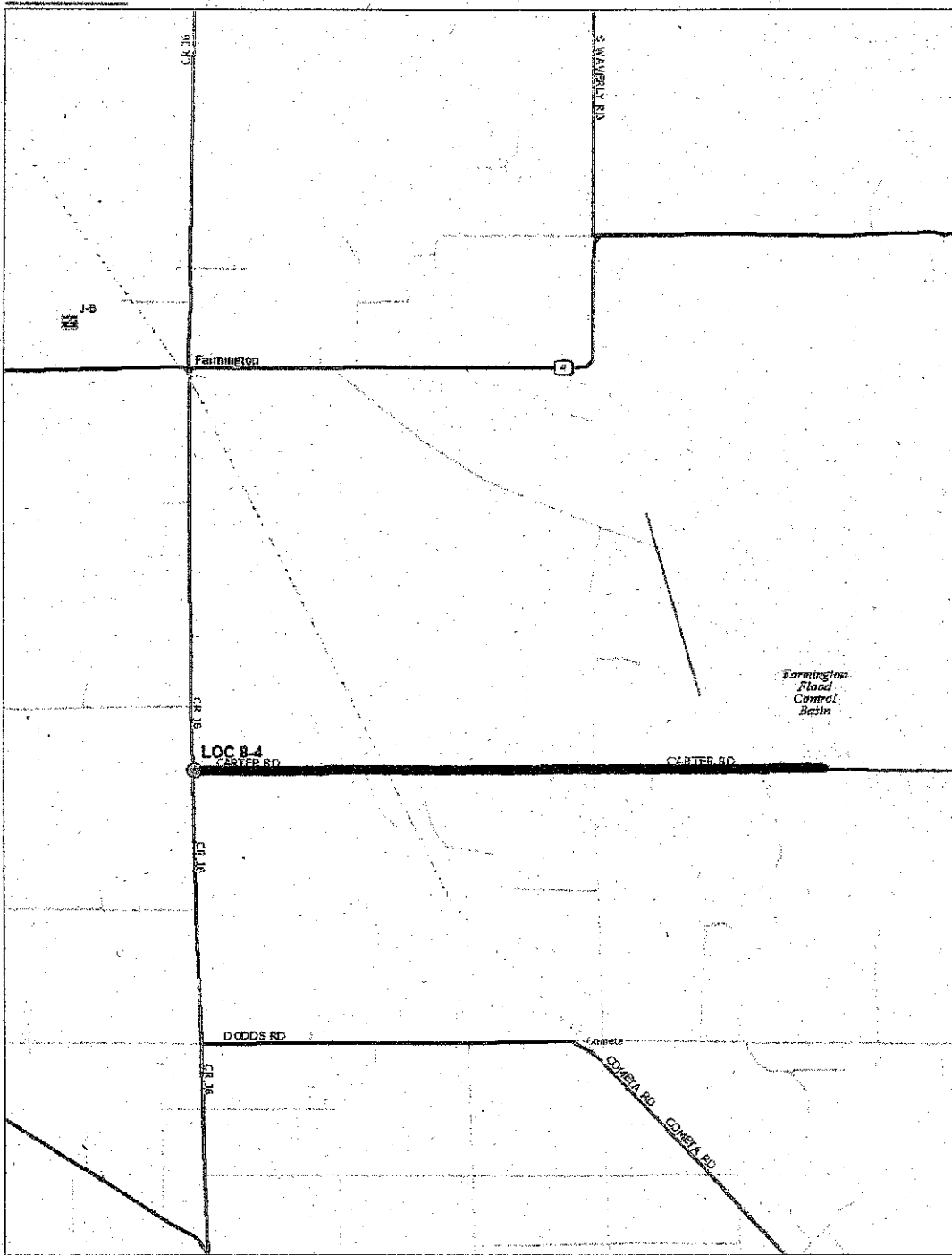
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Calaveras River, which flows west to the San Joaquin River, which then flows into the Suisin Bay and then into the Pacific Ocean.



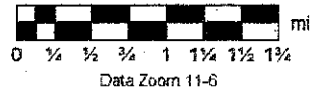
**Region: Central Valley Region (5)**  
**Location: LOC 8-2**  
**As Part of 2006 Case Study**

Sample Drainage Map  
 Verizon California  
 Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Farmington Flood Control Basin.

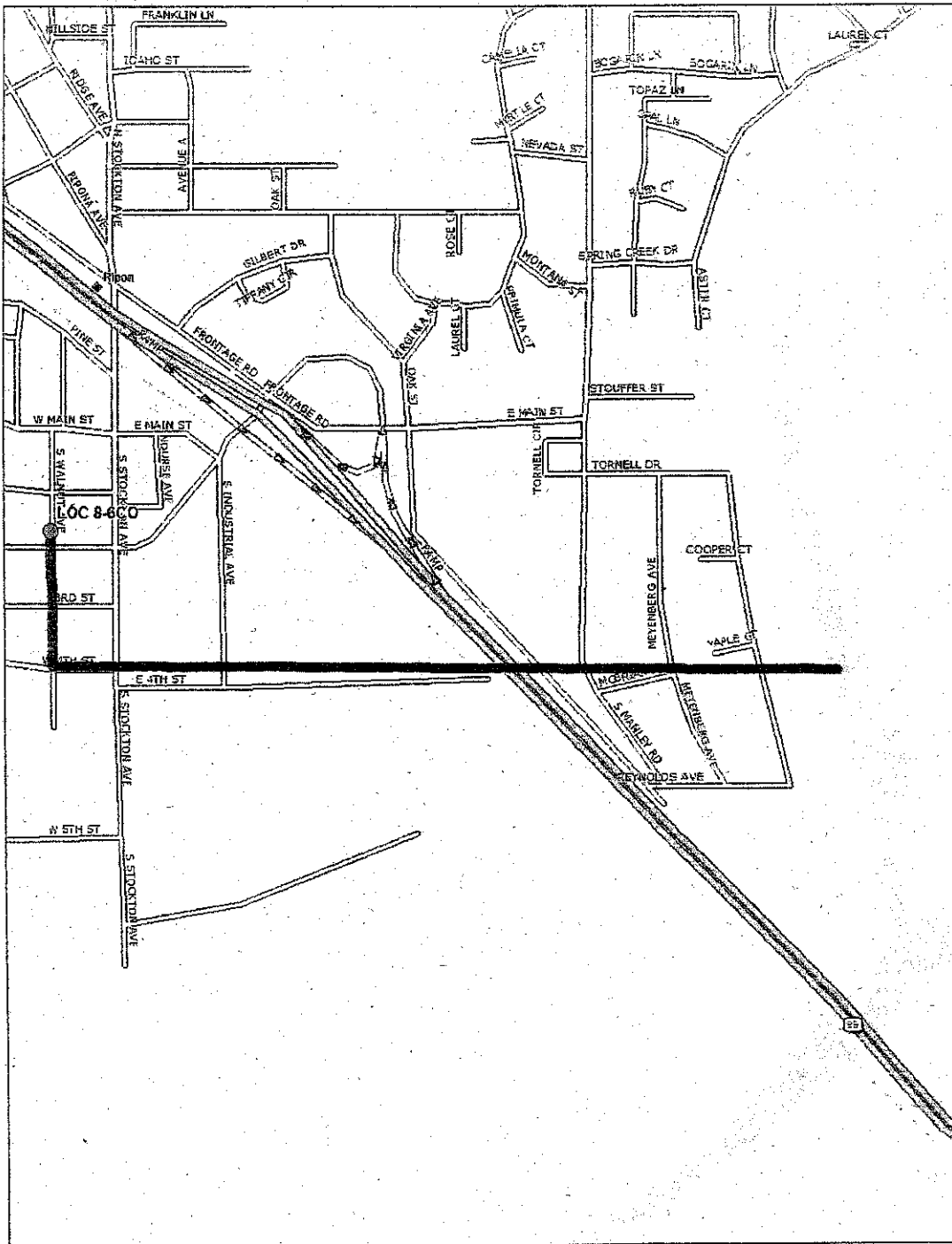


Region: Central Valley Region (5)  
 Location: LOC 8-4  
 As Part of 2006 Case Study

# Sample Drainage Map

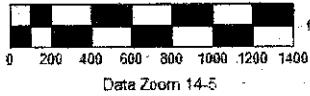
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.

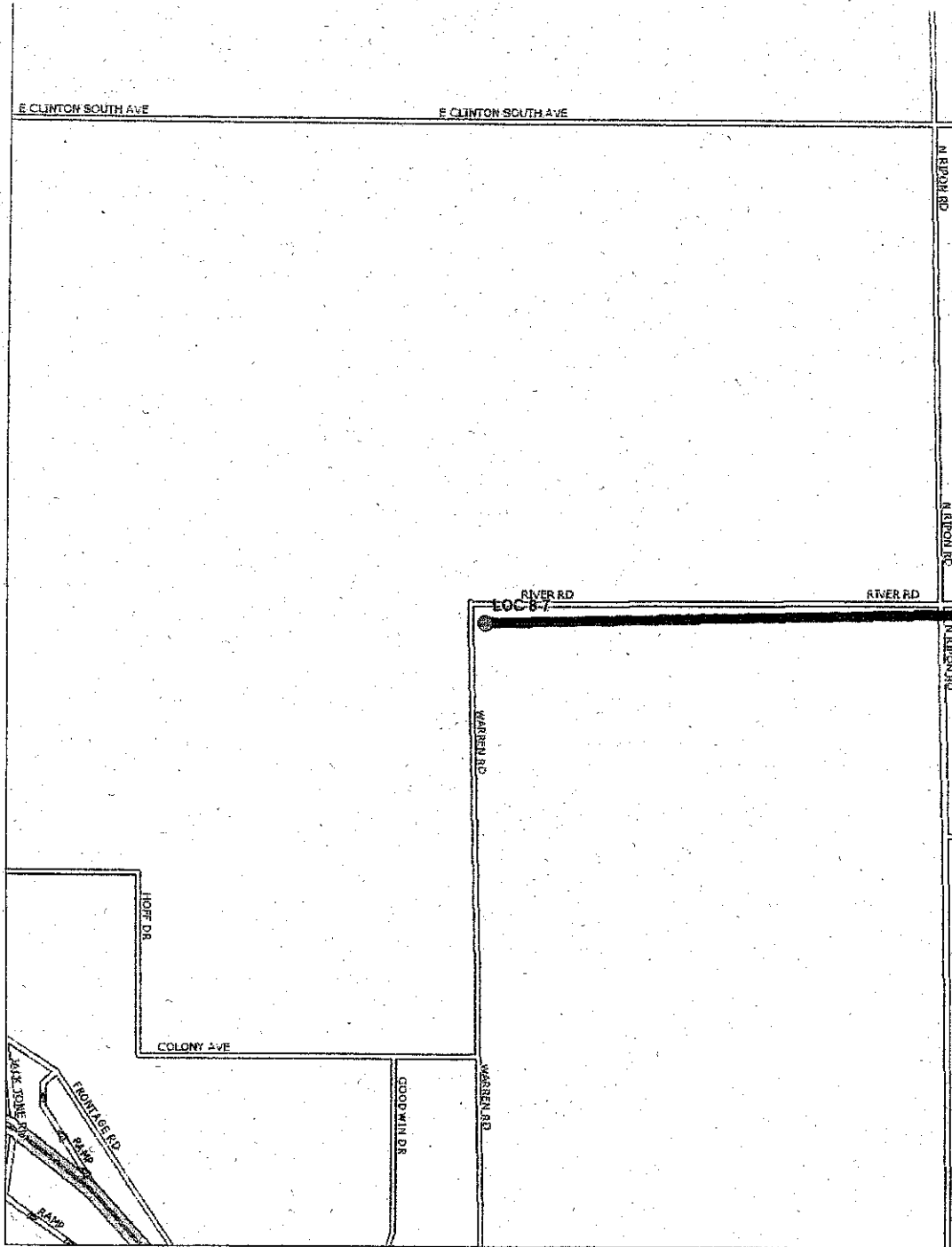


**Region: Central Valley Region (5)**  
**Location: LOC 8-6CO**  
**As Part of 2006 Case Study**

# Sample Drainage Map

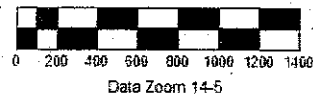
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.



**Region:** Central Valley Region (5)  
**Location:** LOC 8-7  
**As Part of 2006 Case Study**

ATTACHMENT B – NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information – WDID #	50000000013
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**II. OWNER/OPERATOR** (if additional owners/operators are involved, provide the information in a supplemental page.)

A. Name VERIZON CALIFORNIA INCORPORATED		Owner/Operator Type (Check One)		
B. Mailing Address MAIL CODE CA301HJ PO BOX 725		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City CHINO		4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
D. County LOS ANGELES	E. State CA	F. Zip Code 91708		
G. Contact Person MASOOD CHOUDHURY	H. Title ENVIRONMENTAL MGR	I. Phone 909-613-1553		
<input type="checkbox"/> ADDITIONAL OWNERS				

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): VARIOUS WATERS generally flowing to ocean	B. Describe the types of receiving waters affected: RIVER, LAKE, STREAM, CREEK, CHANNEL, BAY, OCEAN
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, and/or 9: FRESNO BEACH	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?     Yes     No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain:  
SHORT TERM, SMALL VOLUME DISCHARGES ON EMERGENCY BASIS.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?     Yes     No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET			B. Contact Person MASOOD CHOUDHURY ENVIRONMENT MANAGER		
C. Street Address Where PLAN is Located			D. Title of Contact Person		
E. City ROSONA	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-613-552	

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. INTERMITTENT SMALL VOLUME PRE-SCREENED WATERS.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
 Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? **Yes No N/A**

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
 NPDES UNIT  
 DIVISION OF WATER QUALITY  
 STATE WATER RESOURCES CONTROL BOARD  
 P.O. BOX 100  
 SACRAMENTO, CA 95812-0100

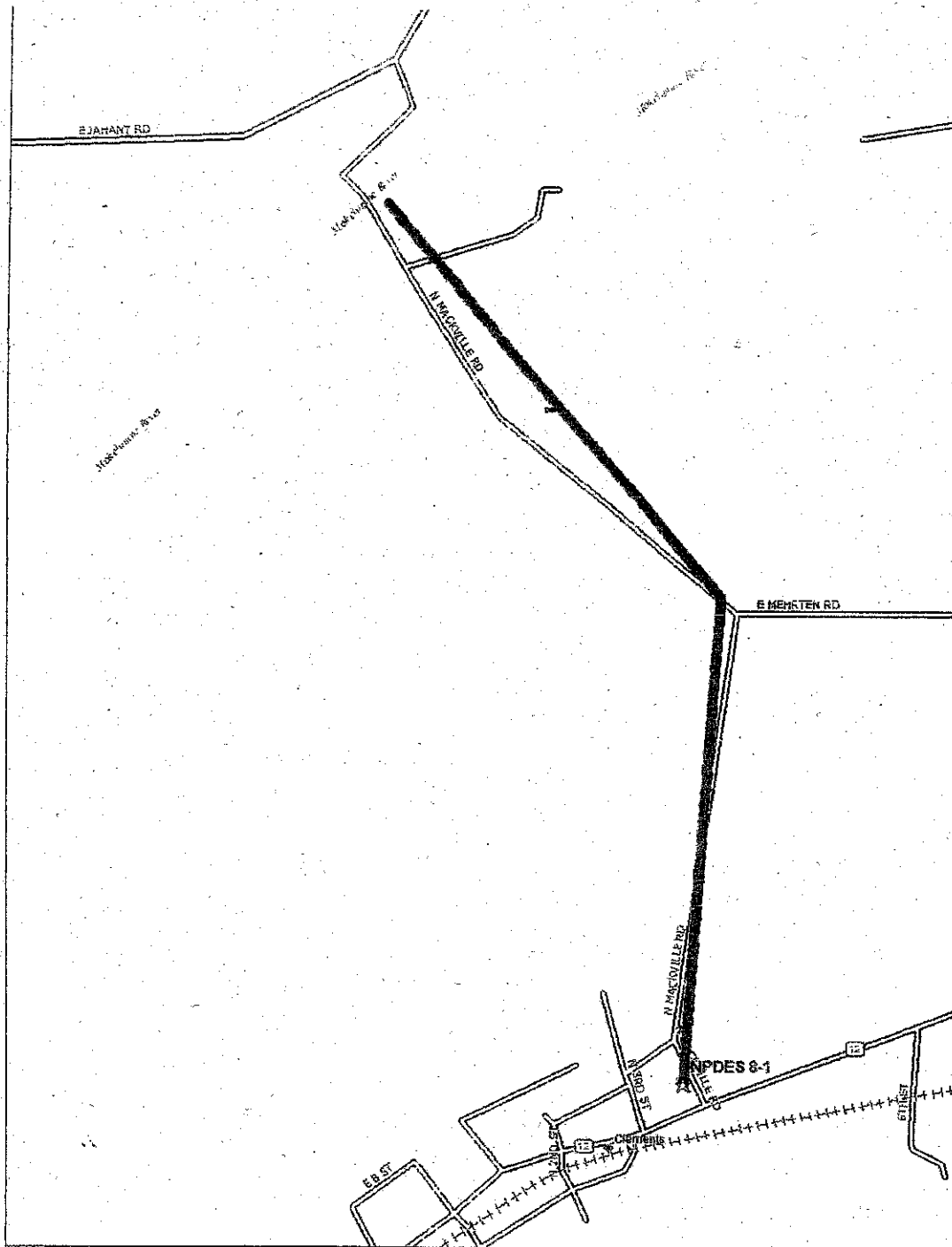
**STATE USE ONLY**

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received: \$		Check #:	

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Mokelumne River which then flows into the Comanche Reservoir.

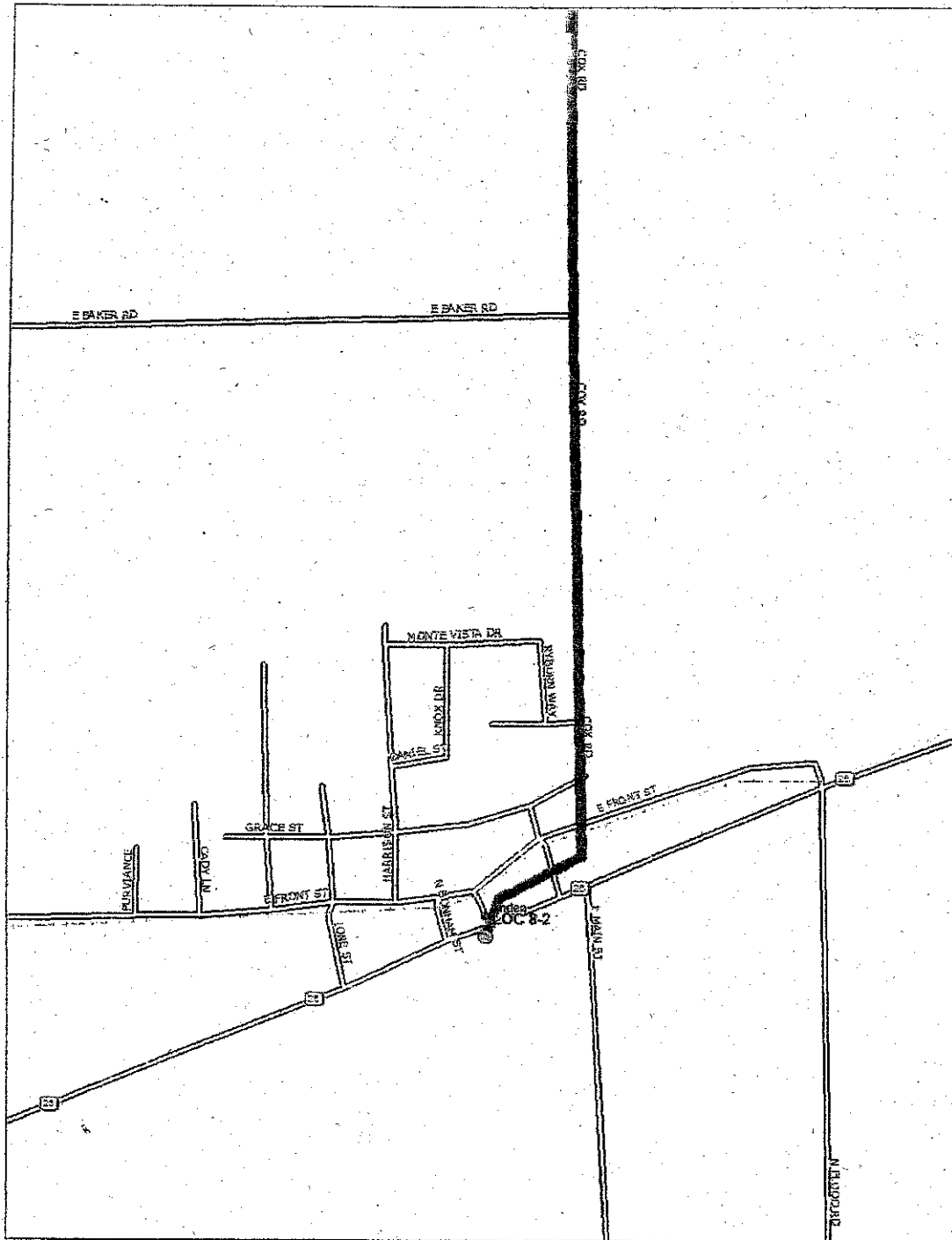


Data Zoom 14-5

Region: Central Valley Region (5)  
 Location: NPDES 8-1  
 As Part of 2006 Case Study

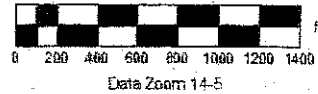


Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Calaveras River, which flows west to the San Joaquin River, which then flows into the Suisin Bay and then into the Pacific Ocean.

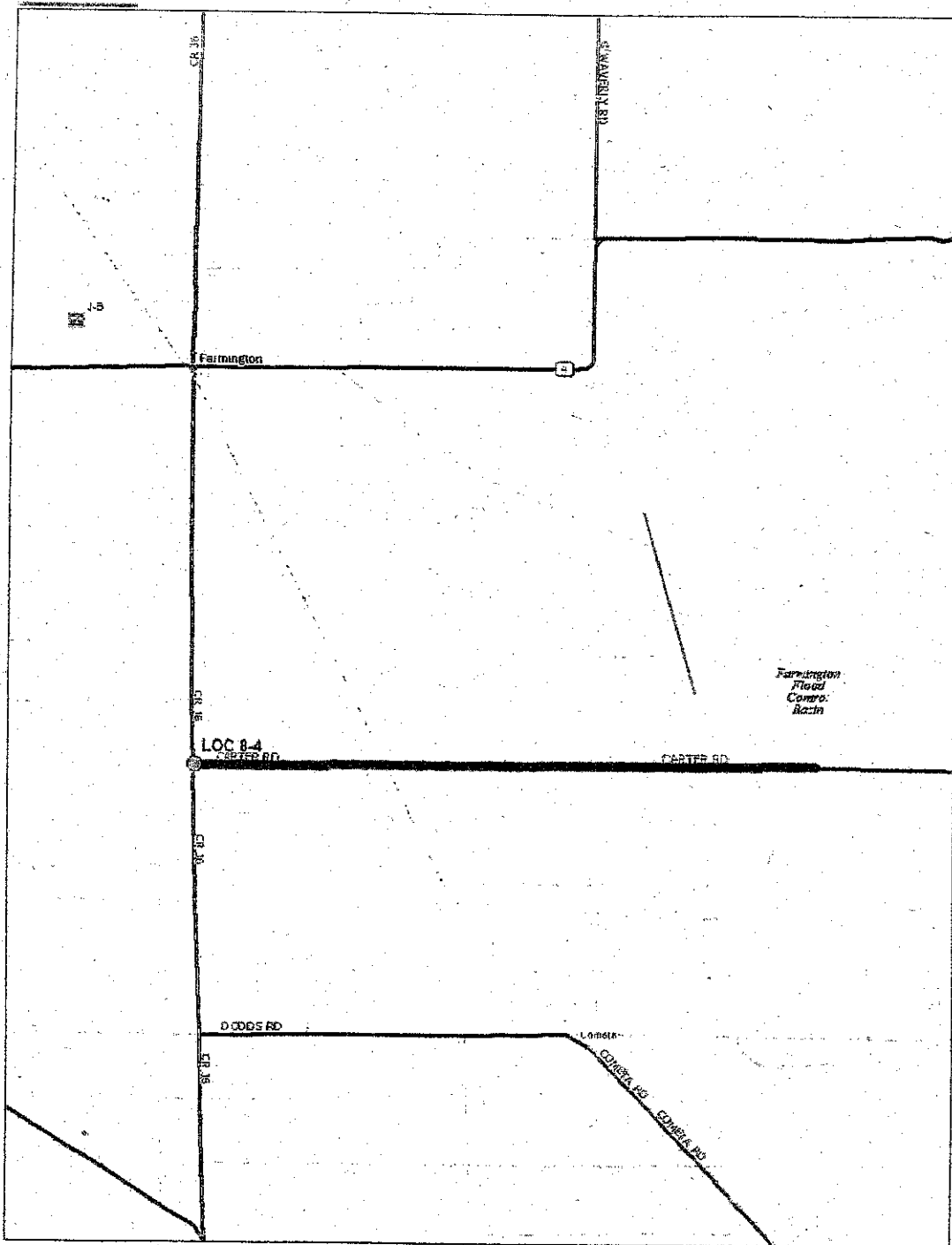


Region: Central Valley Region (5)  
Location: LOC 8-2  
As Part of 2006 Case Study

# Sample Drainage Map

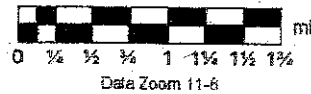
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Fairington Flood Control Basin.

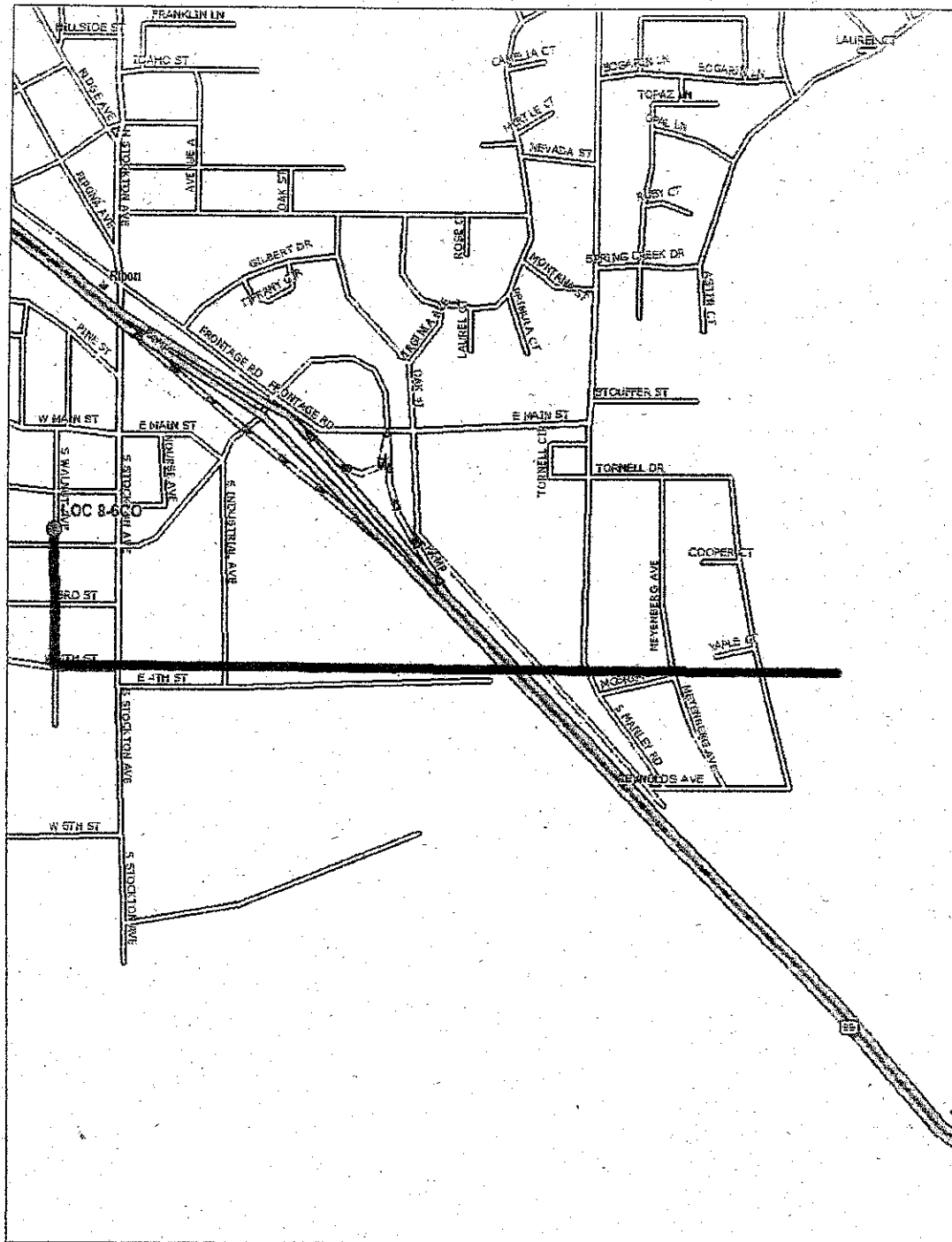


Region: Central Valley Region (5)  
 Location: LOC 8-4  
 As Part of 2006 Case Study

# Sample Drainage Map

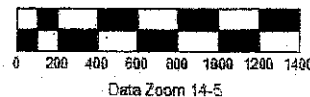
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.

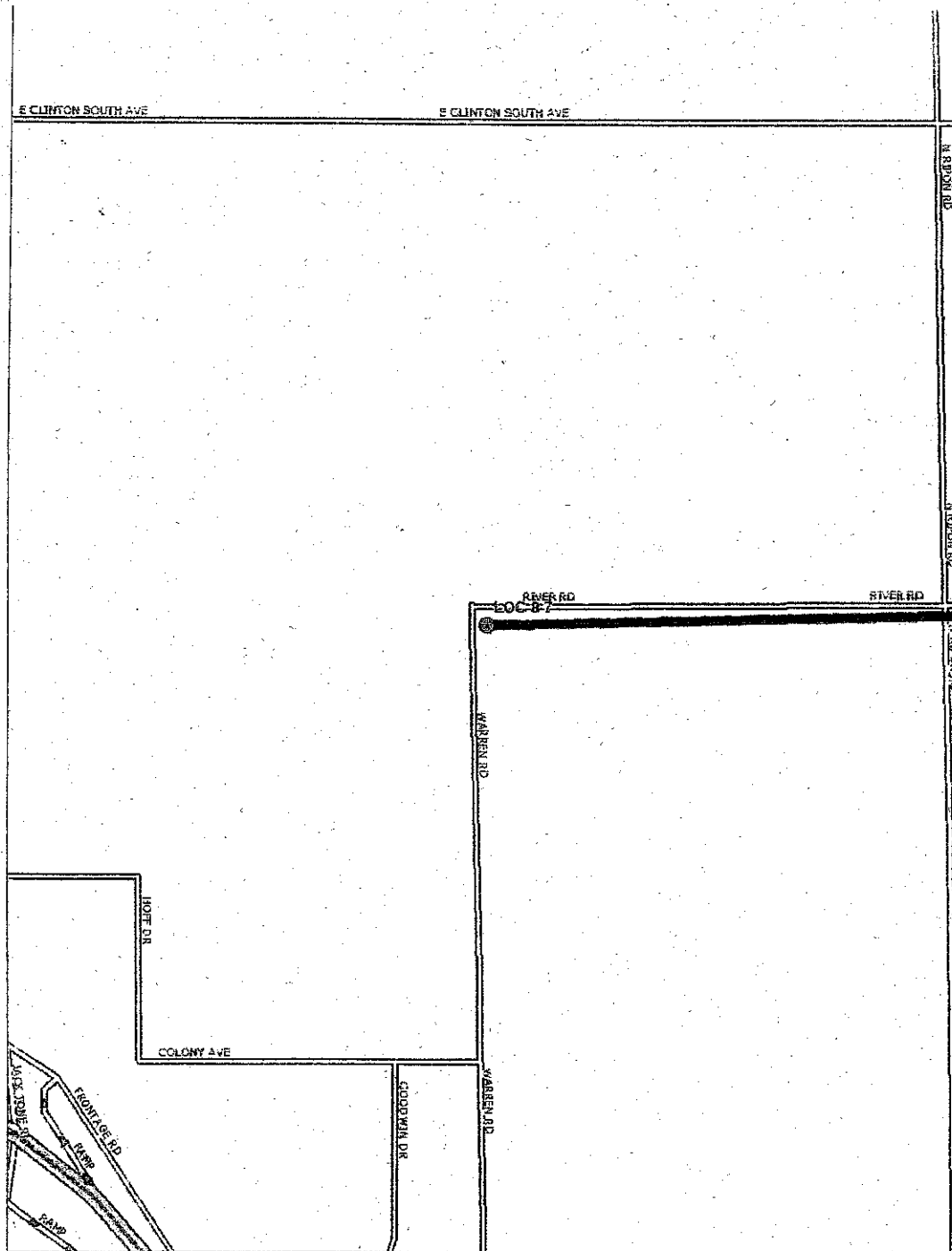


Region: Central Valley Region (5)  
 Location: LOC 8-6CO  
 As Part of 2006 Case Study

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.



Date Zoom 14-5

**Region: Central Valley Region (5)**  
**Location: LOC 8-7**  
**As Part of 2006 Case Study**

ATTACHMENT B - NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information - WDID # <u>50000000013</u>
--------------------	--	--

**II. OWNER/OPERATOR (If additional owners/operators are involved, provide the information in a supplemental page.)**

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301 H.I. PO BOX 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>	D. County <u>LOS ANGELES</u>	4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
E. State <u>CA</u>	F. Zip Code <u>91708</u>	G. Contact Person <u>MASOOD Choudhury</u>		
H. Title <u>ENVIRONMENTAL MGR</u>	I. Phone <u>903-613-1553</u>	<input type="checkbox"/> ADDITIONAL OWNERS		

**III. BILLING ADDRESS (Enter information only if different from above)**

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>VARIOUS WATERS</u> <u>generally flowing to Ocean</u>	B. Describe the types of receiving waters affected: <u>River lake stream, creek, channel, bay, ocean</u>
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, <u>5, 6</u> , 7, 8, and/or 9: <u>Redding Beach</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?       Yes       No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET			B. Contact Person MASOOD CHOUDHURY ENVIRONMENT MANAGER		
C. Street Address Where PLAN is Located			D. Title of Contact Person		
E. City ROMONA	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-63-552	

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. INTERMITTENT, SMALL VOLUME, DC - SCREENED WATERS.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT, WEST

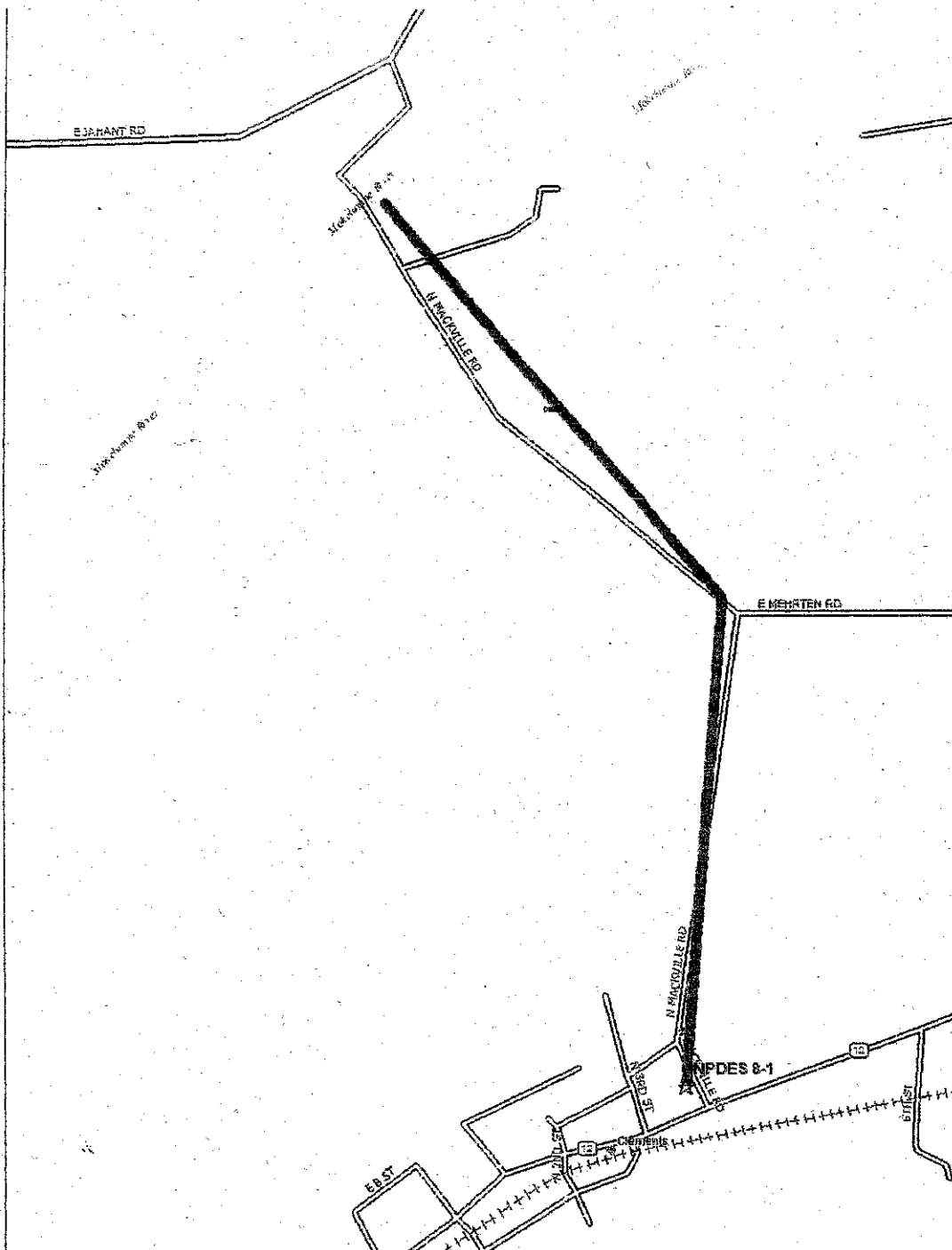
PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

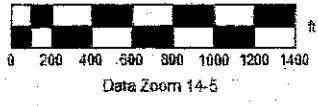
WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received:	\$	Check #:	

Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



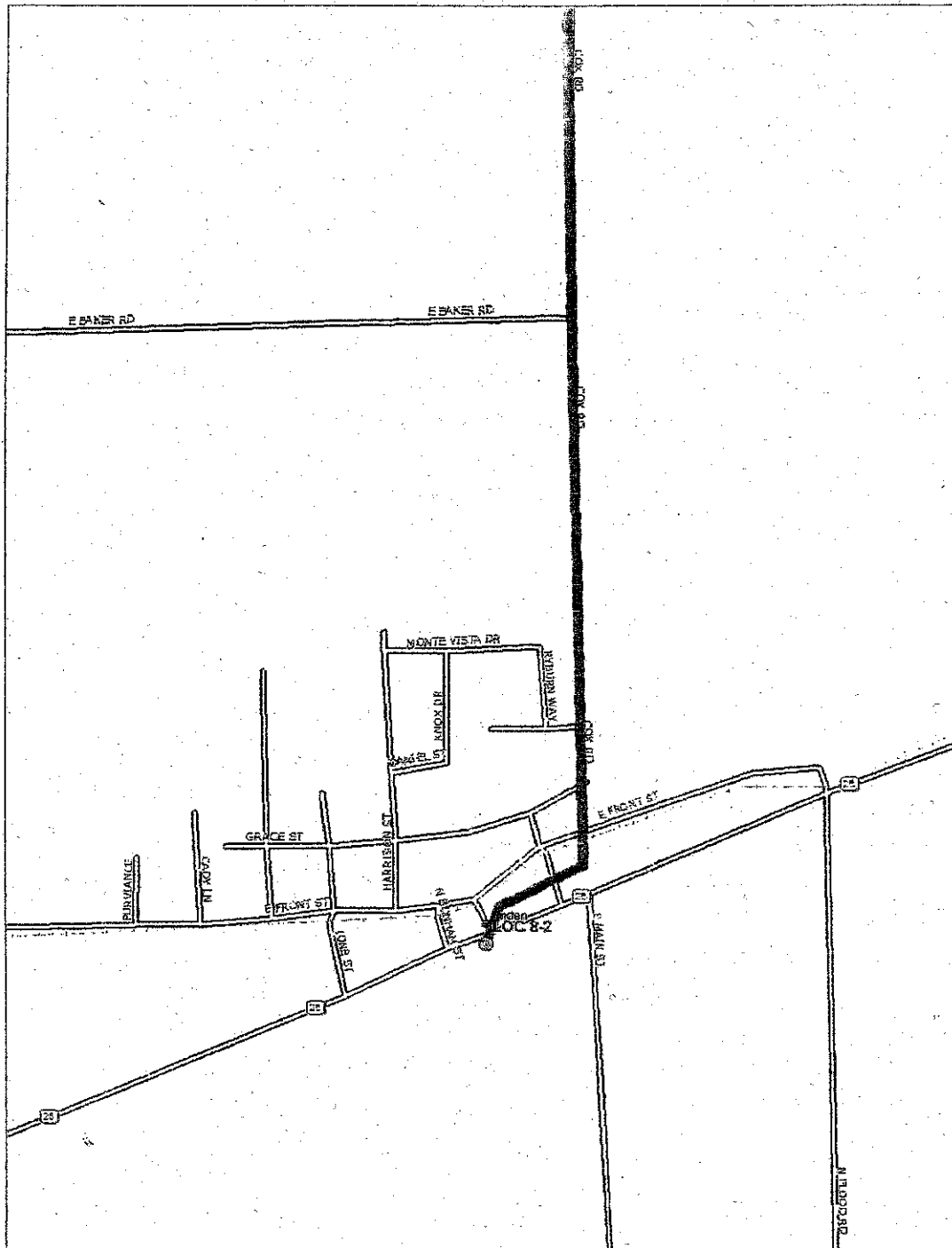
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Mokelumne River which then flows into the Comanche Reservoir.



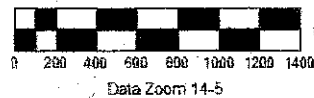
Region: Central Valley Region (5)  
Location: NPDES 8-1  
As Part of 2006 Case Study

Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



**Essential Features of  
Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Calaveras River, which flows west to the San Joaquin River, which then flows into the Suisin Bay and then into the Pacific Ocean.



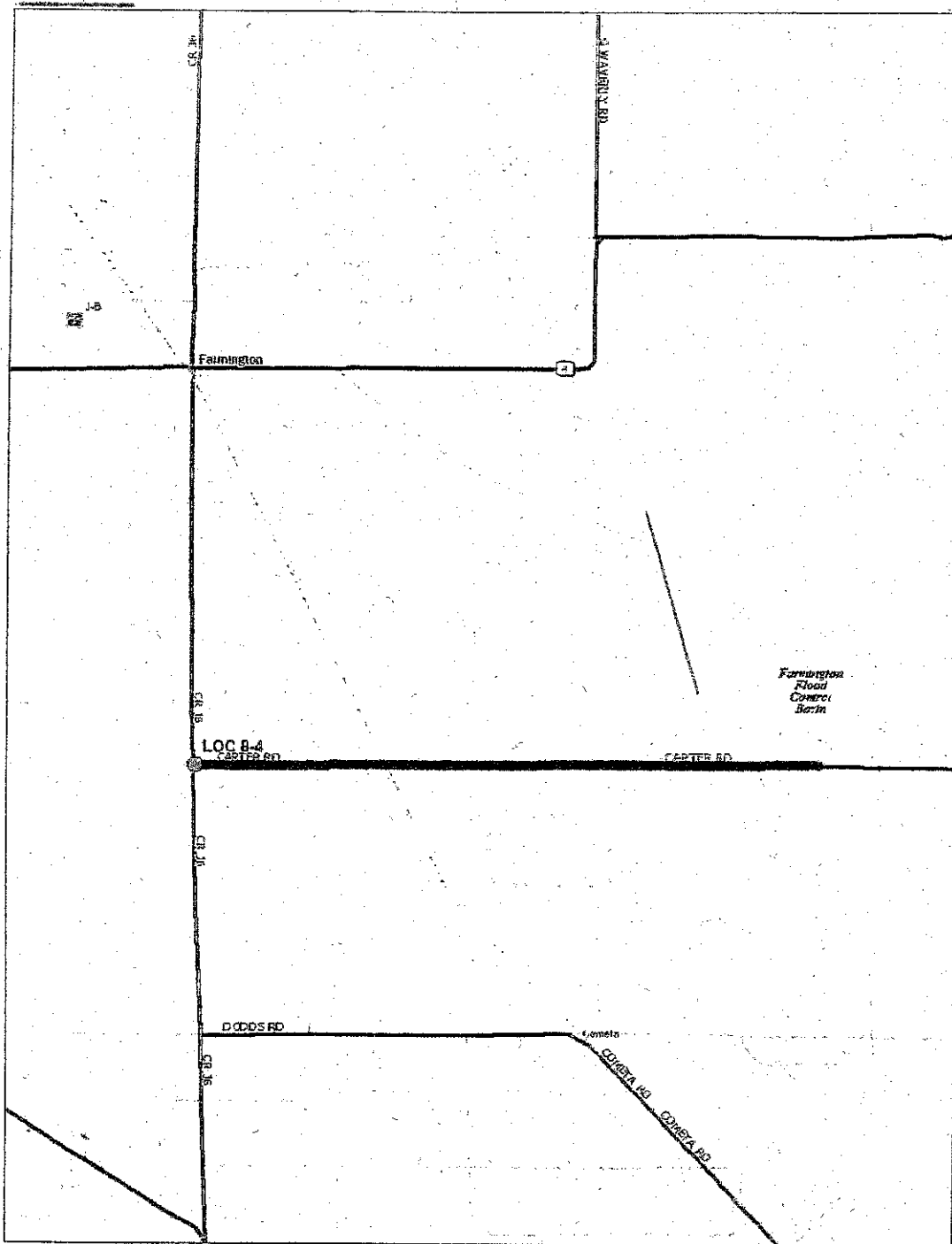
Region: Central Valley Region (5)  
Location: LOC 8-2  
As Part of 2006 Case Study



# Sample Drainage Map

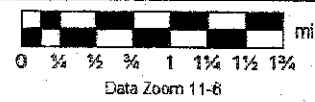
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Farmington Flood Control Basin.

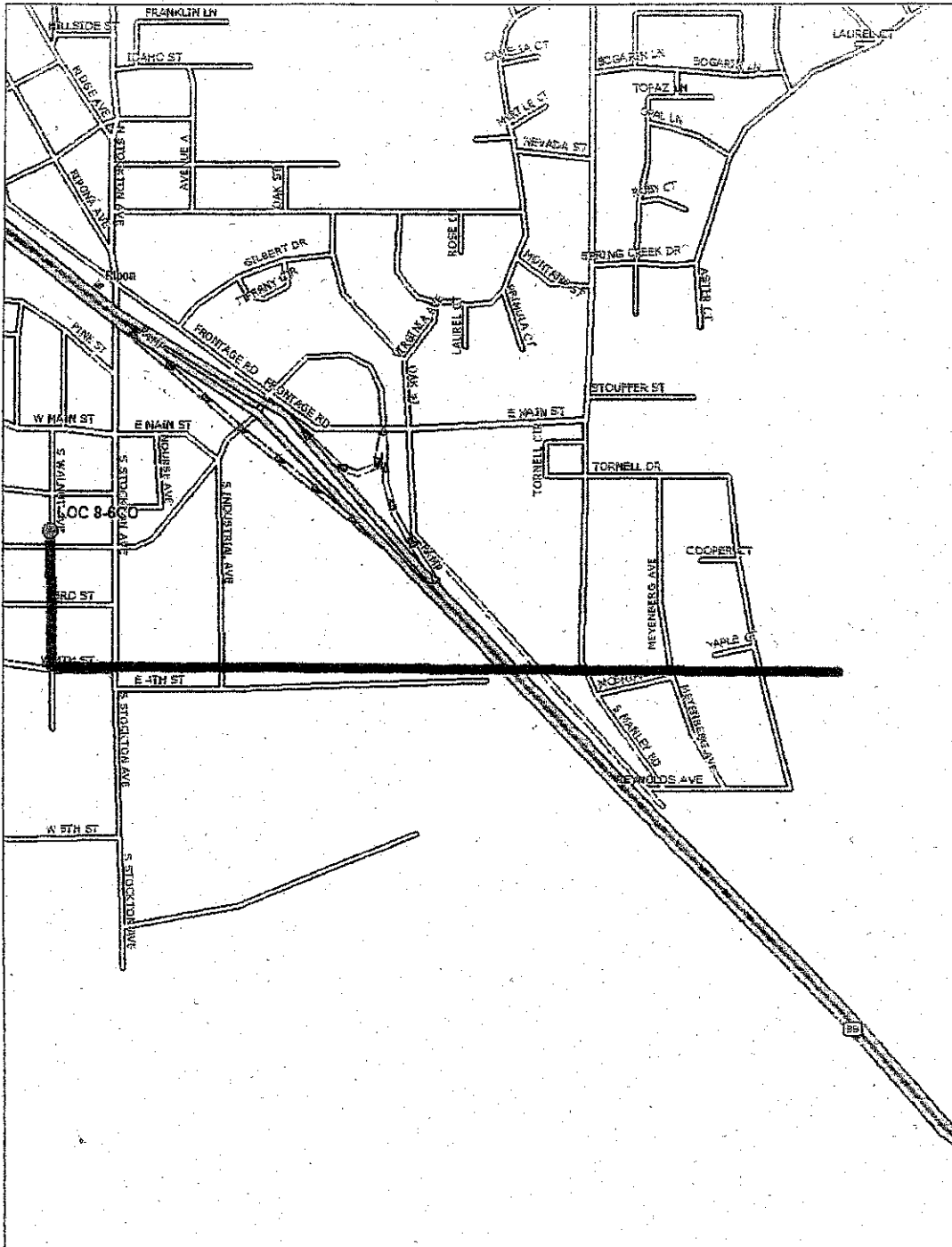


**Region:** Central Valley Region (5)  
**Location:** LOC 8-4  
**As Part of** 2006 Case Study

# Sample Drainage Map

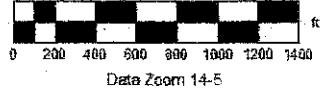
## Verizon California

### Samples and Coordinates from 2006 Case Study



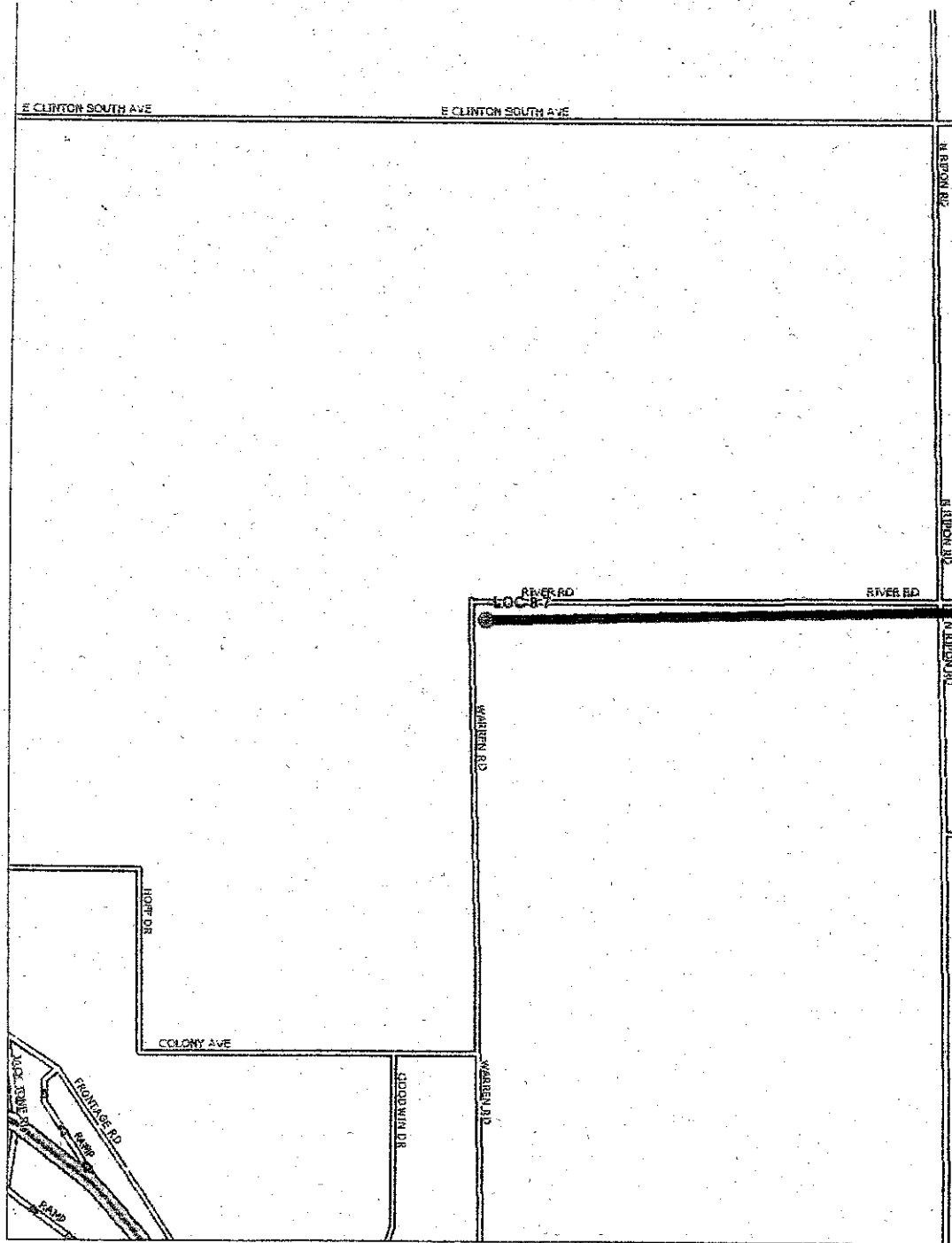
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.



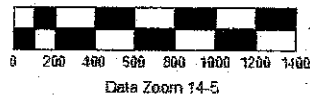
**Region: Central Valley Region (5)**  
**Location: LOC 8-6CO**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.



**Region: Central Valley Region (5)**  
**Location: LOC 8-7**  
**As Part of 2006 Case Study**

ATTACHMENT B – NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information – WDID # <u>6000000014</u>
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**II. OWNER/OPERATOR (If additional owners/operators are involved, provide the information in a supplemental page.)**

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301 H.I. PO Box 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>	D. County <u>LOS ANGELES</u>	4. <input type="checkbox"/> Gov. Combo	5. <input checked="" type="checkbox"/> Private	
E. State <u>CA</u>	F. Zip Code <u>91708</u>	G. Contact Person <u>MASOOD CHOUDHURY</u>		
H. Title <u>ENVIRONMENTAL MGR</u>		I. Phone <u>903-613-1553</u>		
<input type="checkbox"/> ADDITIONAL OWNERS				

**III. BILLING ADDRESS (Enter information only if different from above)**

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>White Water River - San Juan Sea</u>	B. Describe the types of receiving waters affected: <u>LAKE, RIVER, CREEK, STREAM, CHANNEL, BAY, OCEAN</u>
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, <u>6, 7</u> , 8, and/or 9: <u>Victorville</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?     Yes     No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?     Yes     No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET			B. Contact Person MASOOD CHOUDHURY Environment Manager?		
C. Street Address Where PLAN is Located			D. Title of Contact Person		
E. City Ranona	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903.613.552	

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume are - screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
 Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal?  Yes  No N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT, WEST.

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
 NPDES UNIT  
 DIVISION OF WATER QUALITY  
 STATE WATER RESOURCES CONTROL BOARD  
 P.O. BOX 100  
 SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

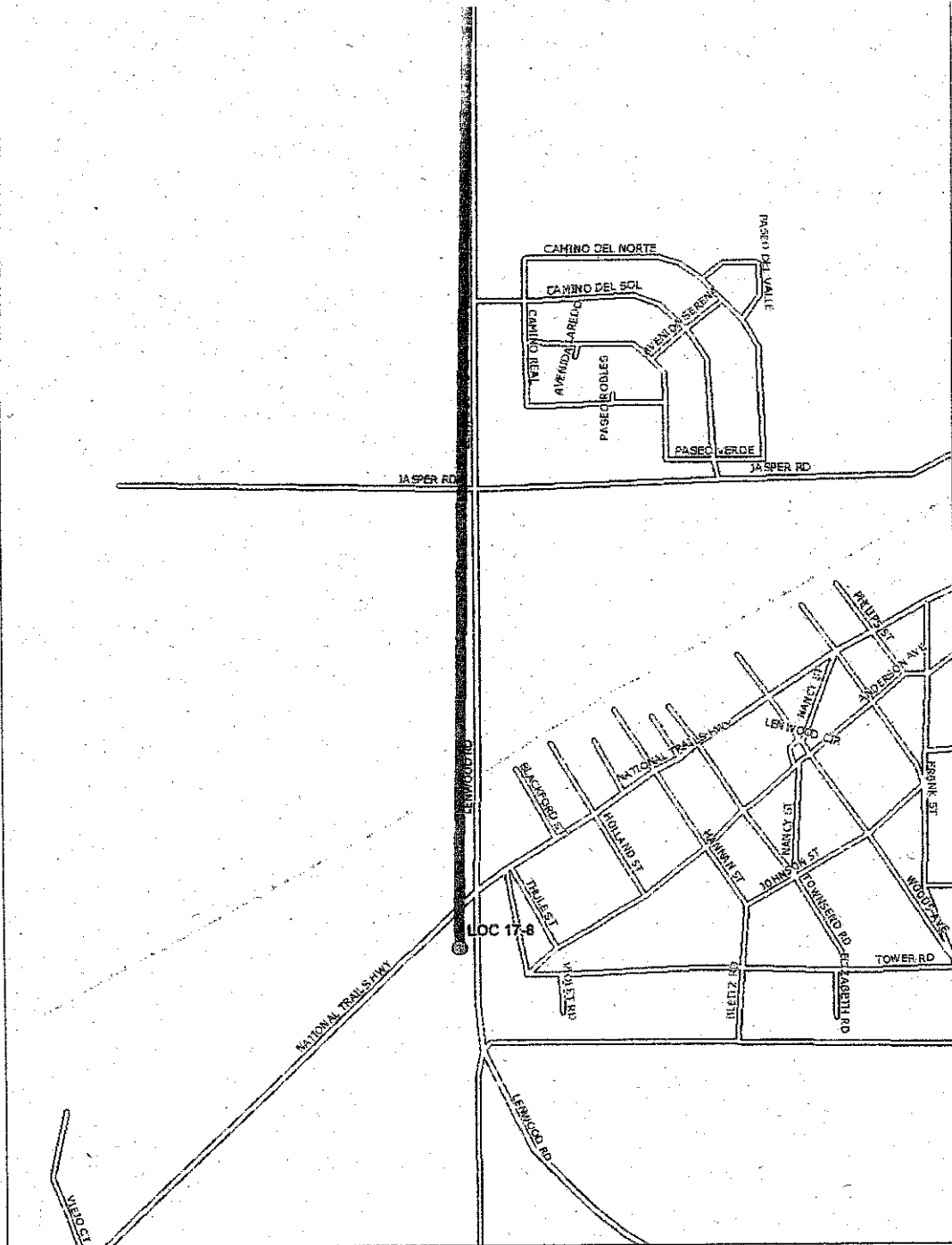
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Fee Amount Received: \$		Check #:	



# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study

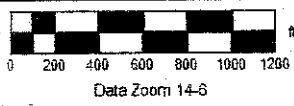


Data use subject to license

**Essential Features of Distribution System**

Runoff via street gutters to the Mojave River and into the Mojave River Forks Reservoir.

★  
MN (13.0° E)

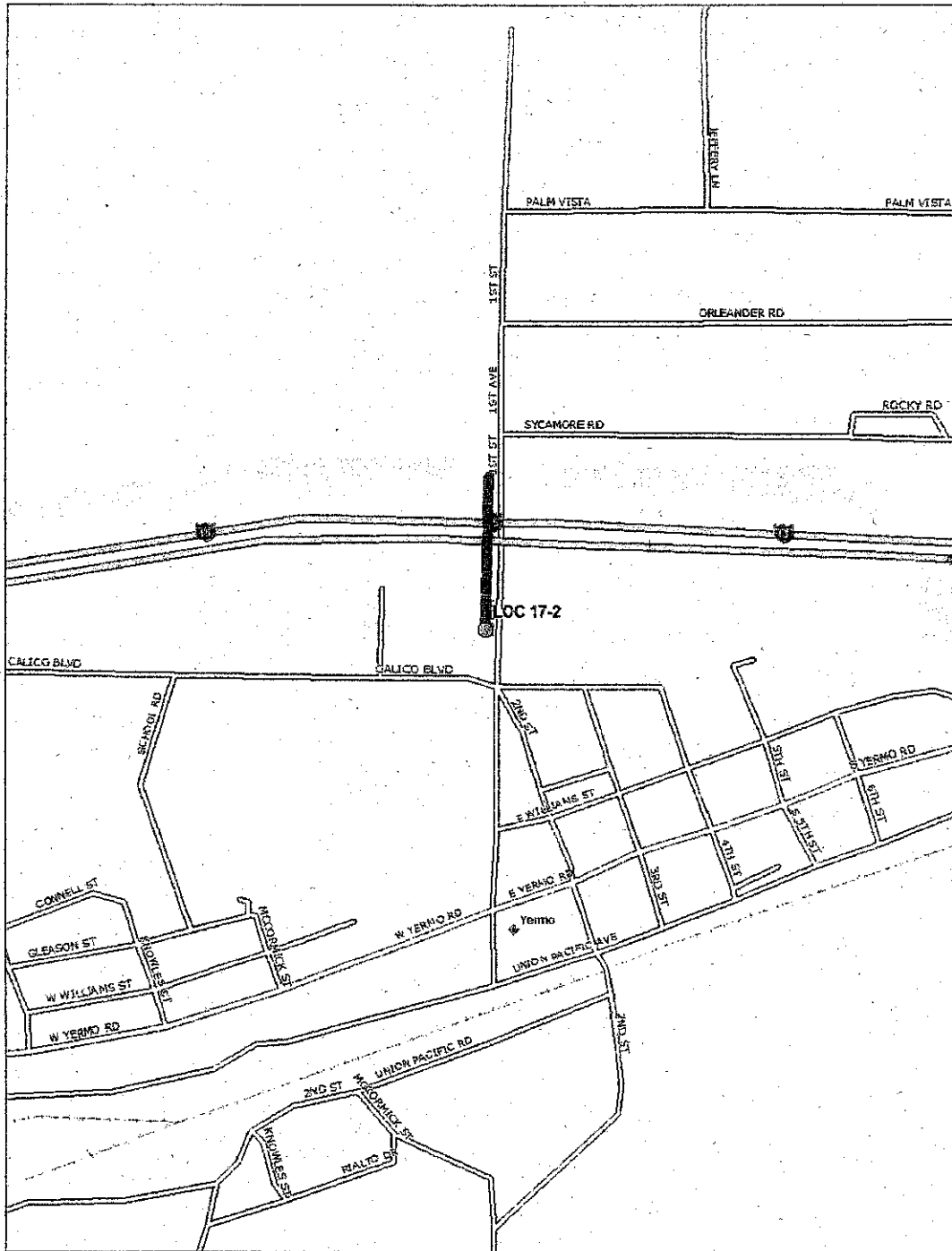


**Region: Lahontan Region (6)**  
**Location: LOC 17-8**  
**As Part of 2006 Case Study**

# Sample Drainage Map

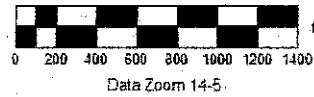
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to the Open Water / Flood Control Basin.



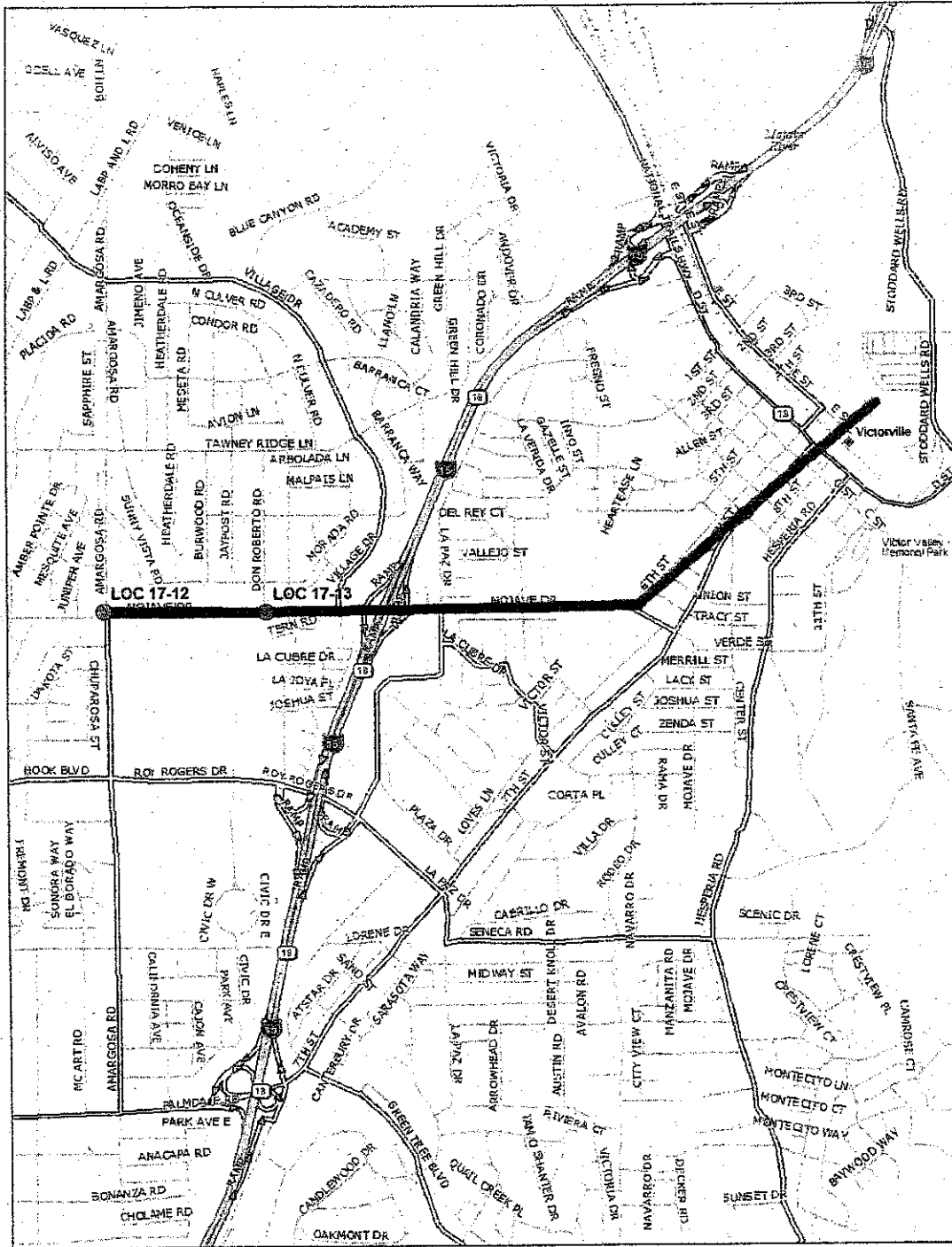
**Region: Lahontan Region (6)**  
**Location: LOC 17-2**  
**As Part of 2006 Case Study**



# Sample Drainage Map

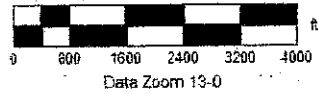
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to a perennial stream, which flows into the Mojave River and then into the Mojave River Forks Reservoir.

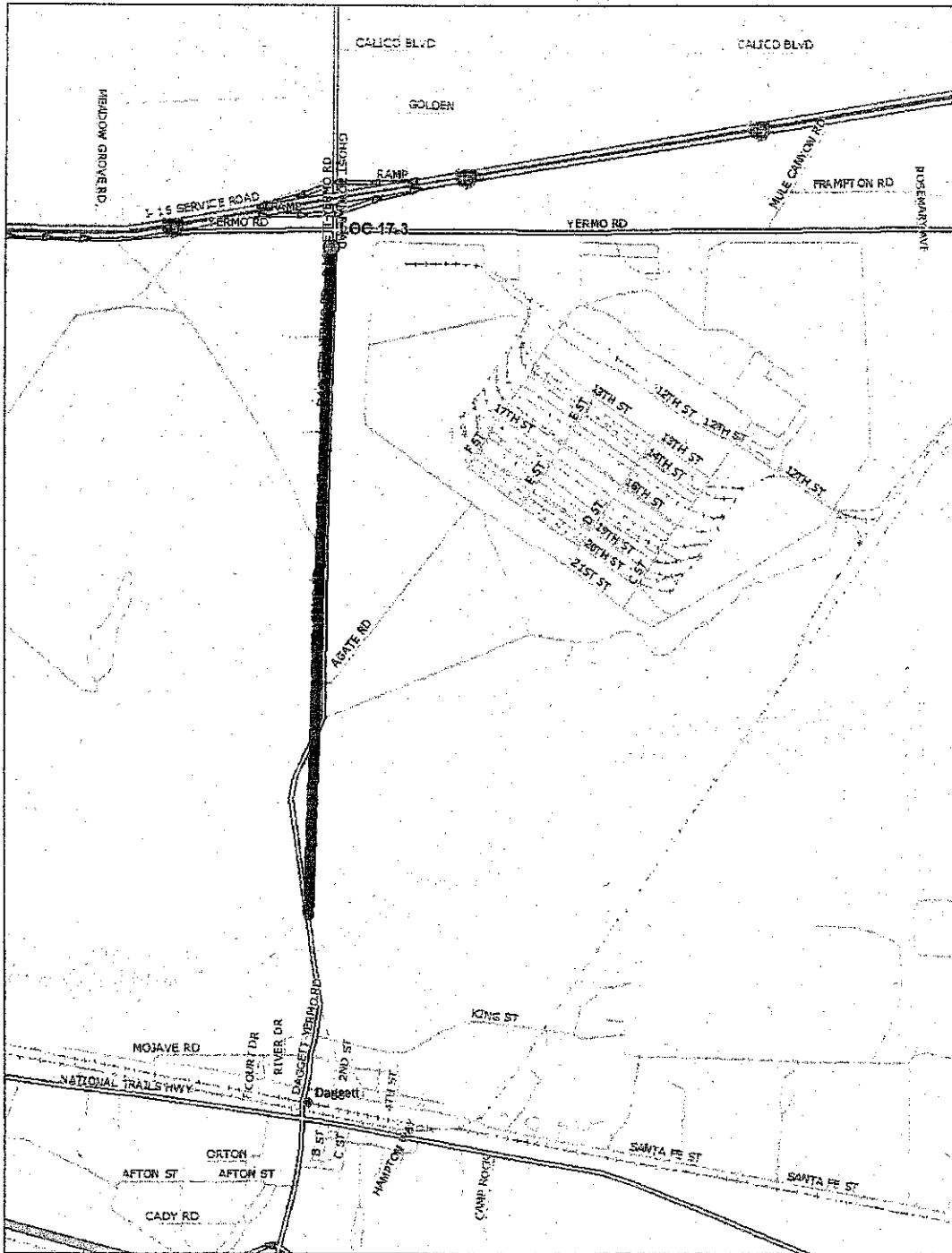


**Region:** Lahontan Region (6)  
**Location:** LOC 17-12 and LOC 17-13  
**As Part of 2006 Case Study**

# Sample Drainage Map

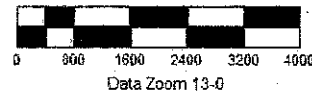
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via street gutters to a perennial stream, which flows into the Mojave River and then into the Mojave River Forks Reservoir.



Region: Lahontan Region (6)  
 Location: LOC 17-3  
 As Part of 2006 Case Study

**ATTACHMENT B – NOTICE OF INTENT FORM**

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information – WDID # <u>60000000014</u>
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**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301 H.I. PO BOX 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>		D. County <u>LOS ANGELES</u>		E. State <u>CA</u>
G. Contact Person <u>MASOOD CHOUDHURY</u>		H. Title <u>ENVIRONMENTAL MGR</u>		F. Zip Code <u>91708</u>
I. Phone <u>903-613-1553</u>		<input type="checkbox"/> ADDITIONAL OWNERS		

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>White Water River - Salt Lake River, Lake Stream Creek, channel, bay, ocean</u>	B. Describe the types of receiving waters affected:
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, <u>6, 7, 8,</u> and/or 9: <u>Lahontan</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?     Yes     No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located			D. Title of Contact Person	
E. City ROSELAND	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-613-552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. INTERMITTENT, SMALL VOLUME PRE-SCREENED WATERS.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal? Yes No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? Yes No N/A

C. Have you included your PLAN? Yes No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT, WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

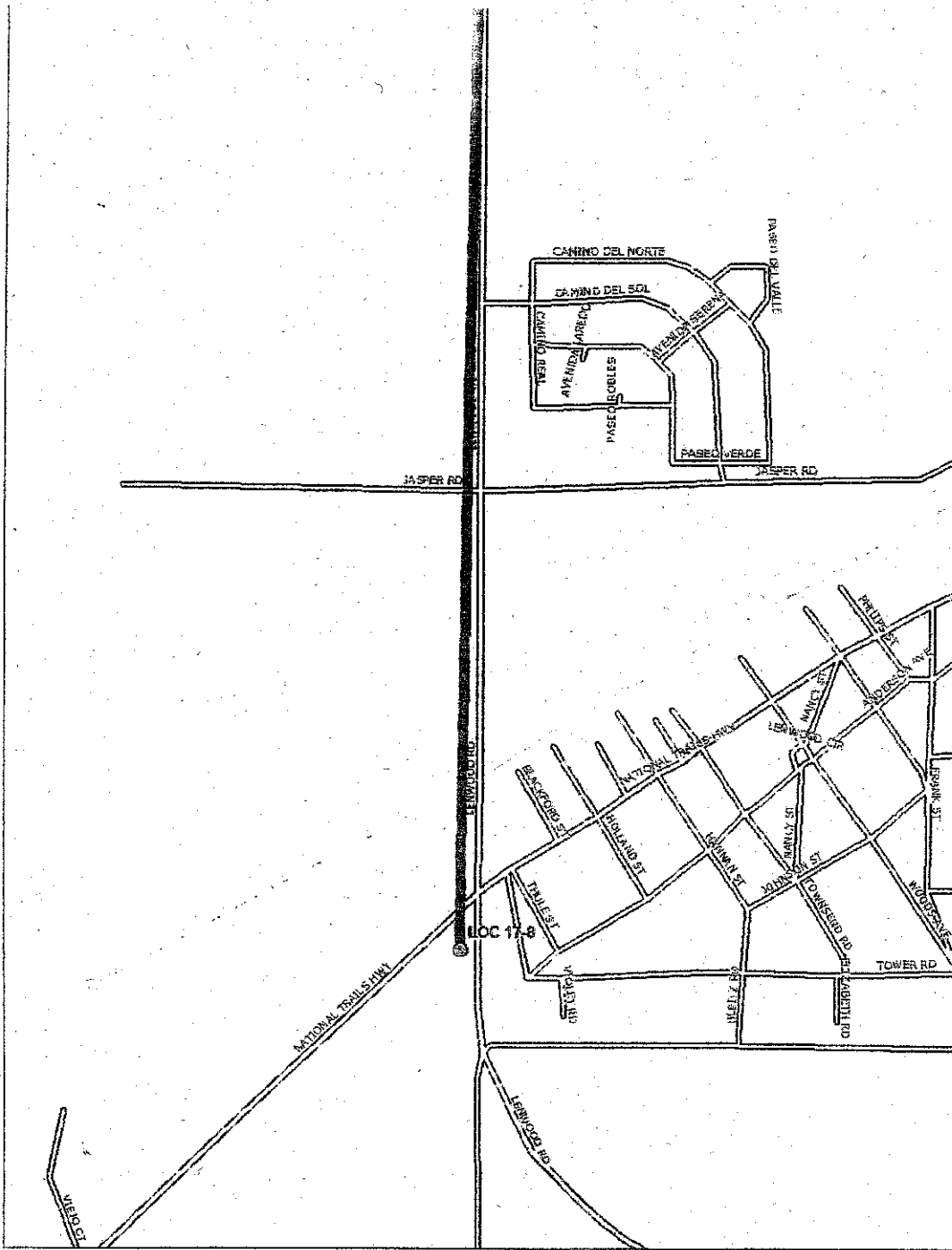
WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received:		Check #:	
\$			



# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study

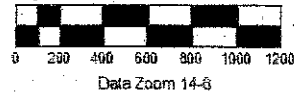


Data uses subject to license.

**Essential Features of Distribution System**

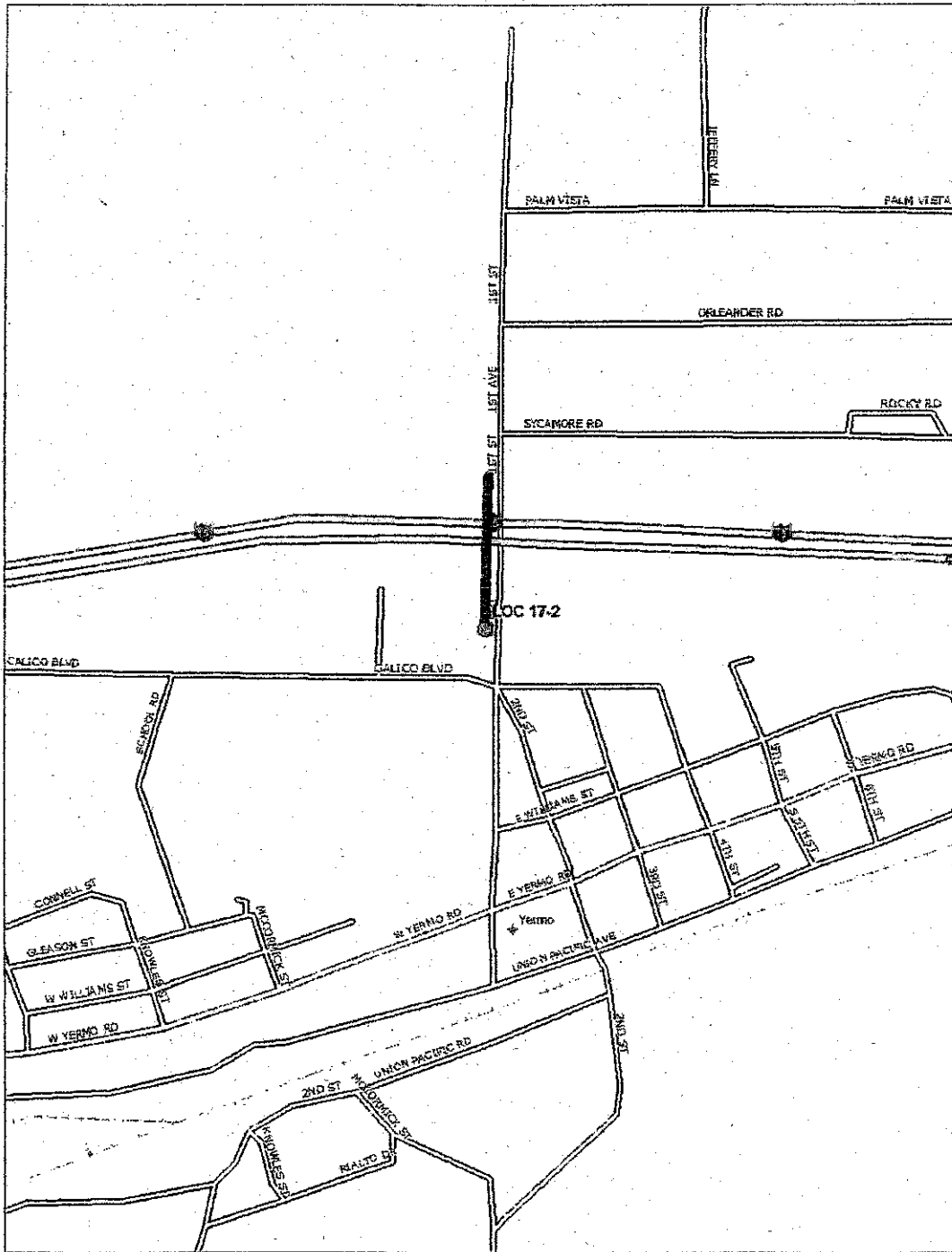
Runoff via street gutters to the Mojave River and into the Mojave River Forks Reservoir.

★  
MN (13.0° E)



Region: Lahontan Region (6)  
 Location: LOC 17-8  
 As Part of 2006 Case Study

**Sample Drainage Map**  
**Verizon California**  
**Samples and Coordinates from 2006 Case Study**



**Essential Features of Distribution System**

Runoff via street gutters to the Open Water / Flood Control Basin.



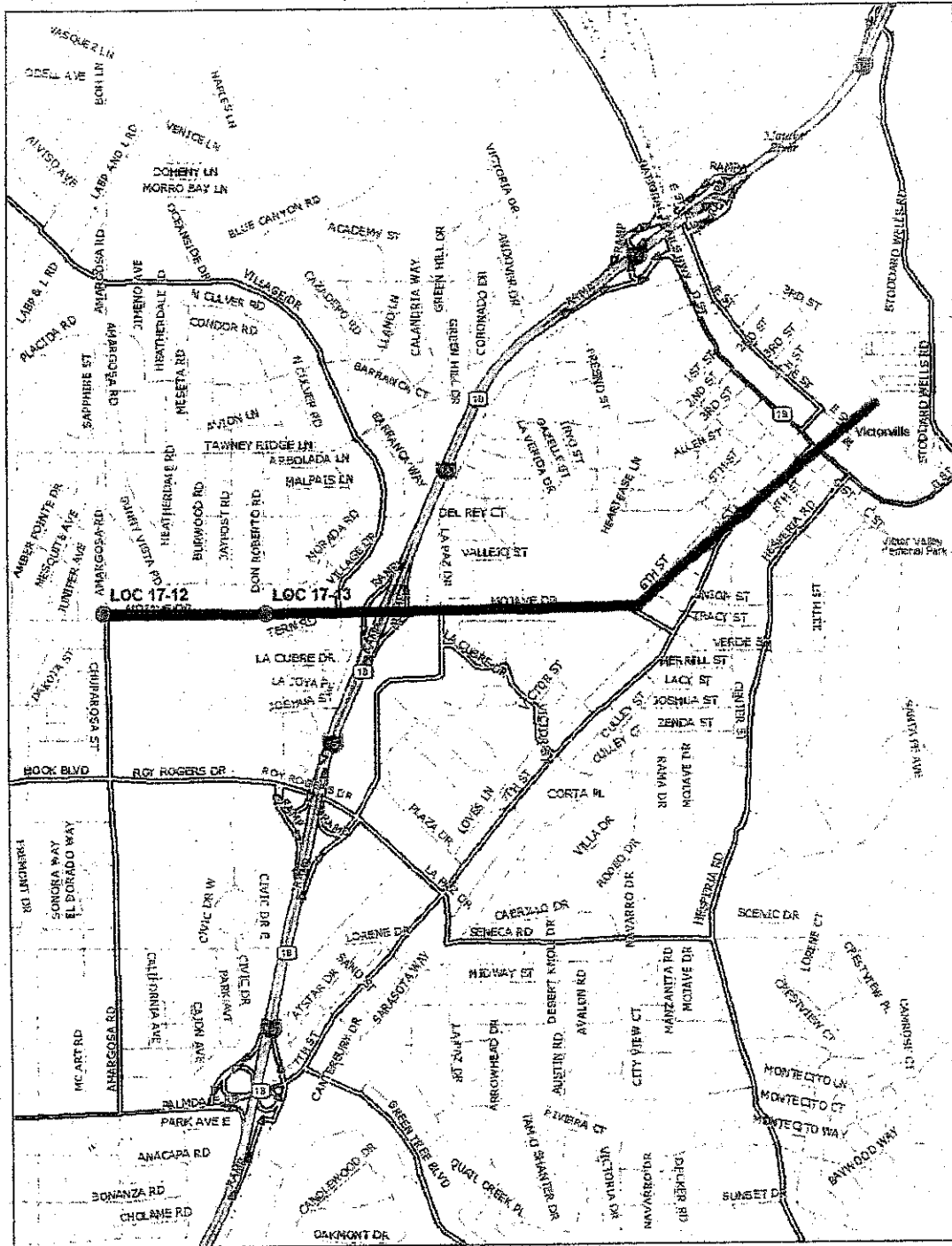
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Region: Lahontan Region (6)  
Location: LOC 17-2  
As Part of 2006 Case Study

# Sample Drainage Map

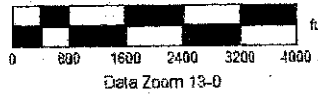
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to a perennial stream, which flows into the Mojave River and then into the Mojave River Forks Reservoir.



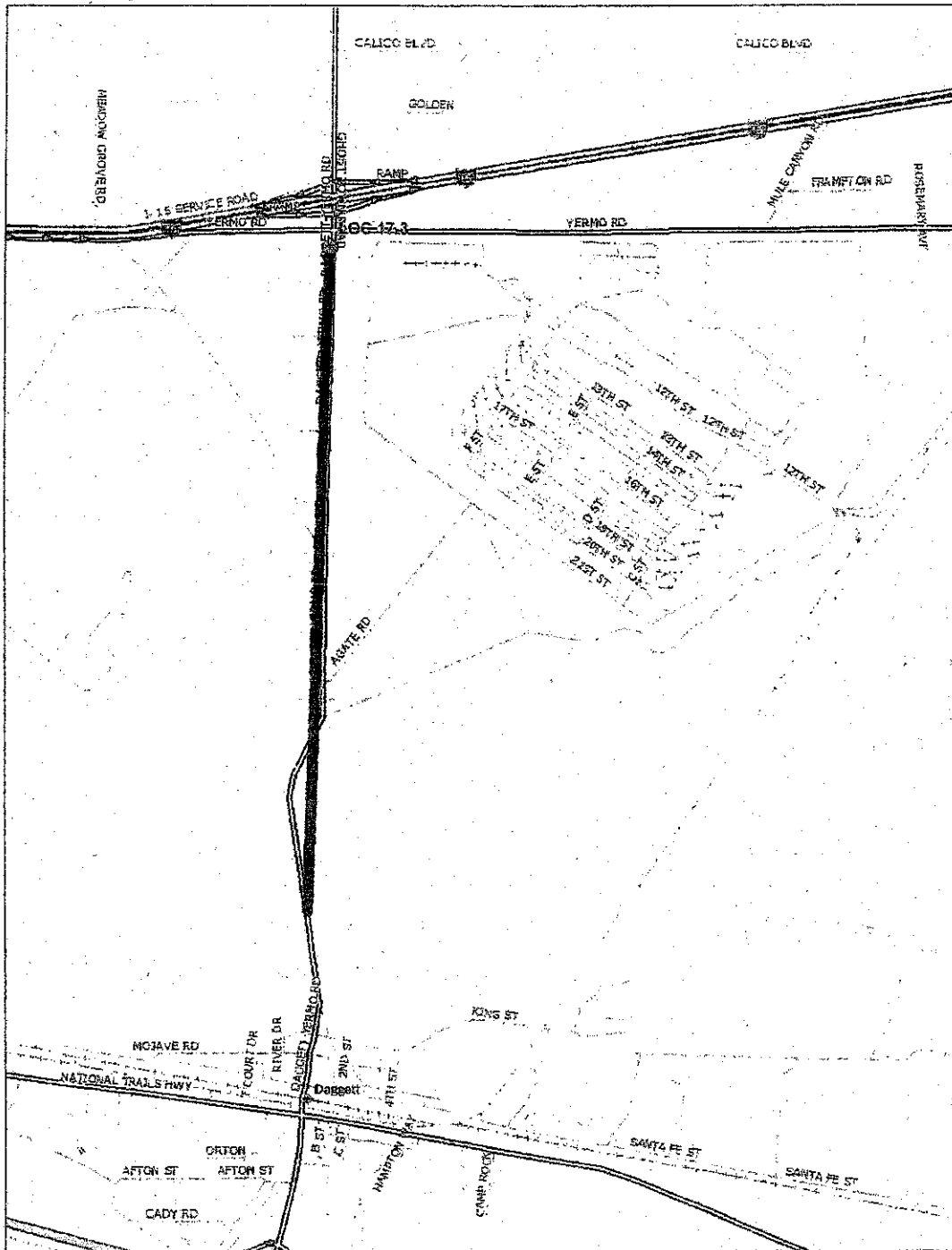
**Region: Lahontan Region (6)**  
**Location: LOC 17-12 and LOC 17-13**  
**As Part of 2006 Case Study**



# Sample Drainage Map

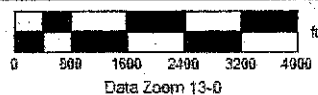
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to a perennial stream, which flows into the Mojave River and then into the Mojave River Forks Reservoir.



**Region: Lahontan Region (6)**  
**Location: LOC 17-3**  
**As Part of 2006 Case Study**

**ATTACHMENT B – NOTICE OF INTENT FORM**

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information – WDID # <u>30000000015</u>
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**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301 HJ, PO BOX 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>		D. County <u>Los Angeles</u>		E. State <u>CA</u>
G. Contact Person <u>MASOOD CHOUDHURY</u>		H. Title <u>ENVIRONMENTAL MGR</u>		F. Zip Code <u>91708</u>
I. Phone <u>903-613-1533</u>		<input type="checkbox"/> ADDITIONAL OWNERS		

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>White Water River - Salt Lake River Lake stream, creek, channel, bay, ocean</u>	B. Describe the types of receiving waters affected:
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, <u>7</u> , 8, and/or 9:	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain:  
Short term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	---	-----------------------------

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located		D. Title of Contact Person		
E. City ROMONA	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903.613.552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent small volume pre-screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY	C. Date: 11/25/06
B. Signature: [Signature]	
D. Title: ENVIRONMENT MANAGEMENT, WEST	

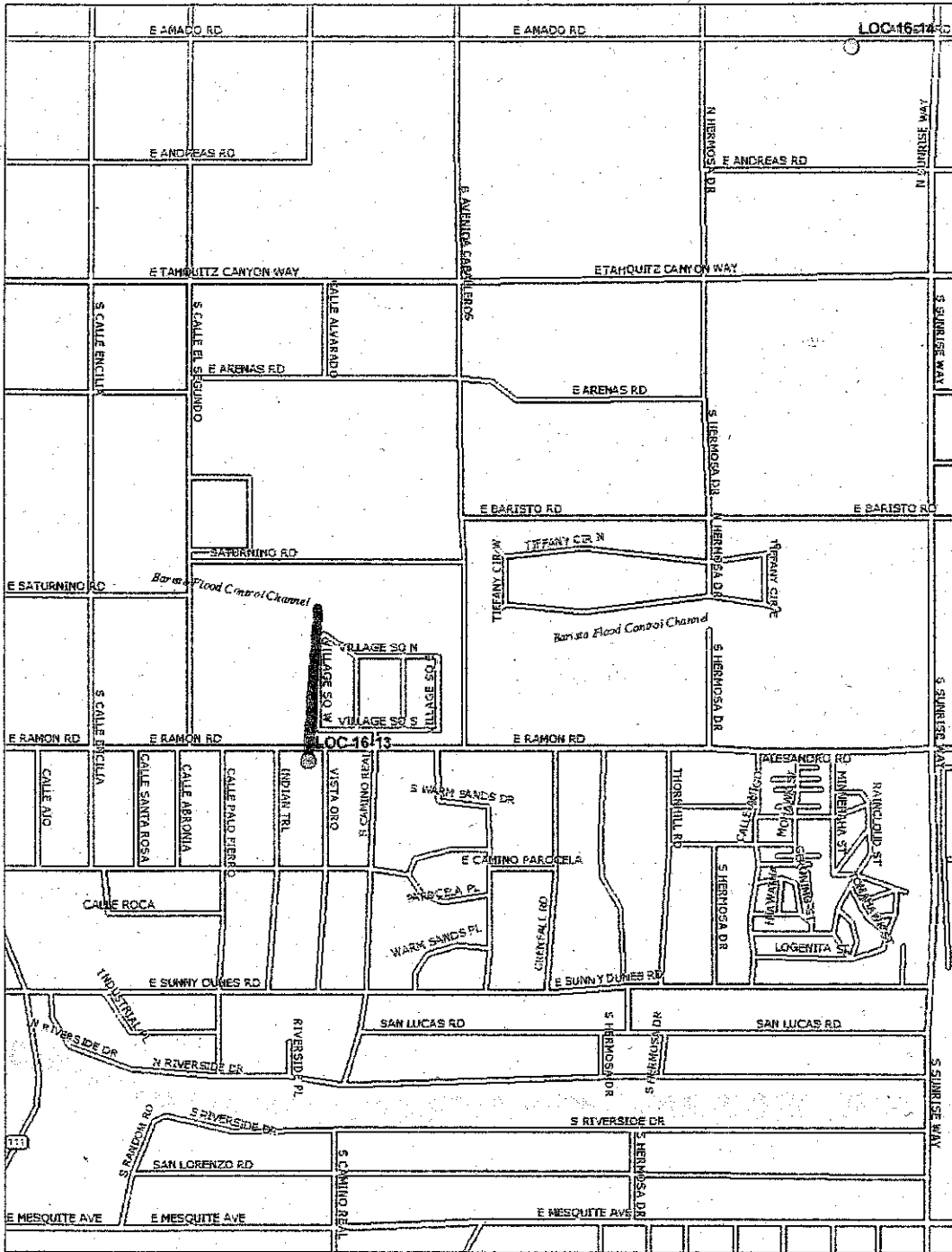
PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

**STATE USE ONLY**

WDID: Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received: \$	Check #:	

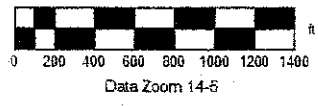
# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



### Essential Features of Distribution System

Runoff via street gutters to the Baristo Flood Control Channel, which flows to the Whitewater River and then into the Salton Sea.

  
 MN (12.6° E)



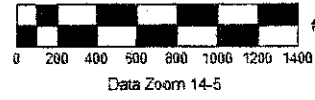
Region: Colorado River Basin Region (7)  
 Location: LOC 16-3  
 As Part of 2006 Case Study

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to Dead Indian Creek, which flows into Deep Canyon Stormwater Channel to the Whitewater River and then into the Salton Sea.

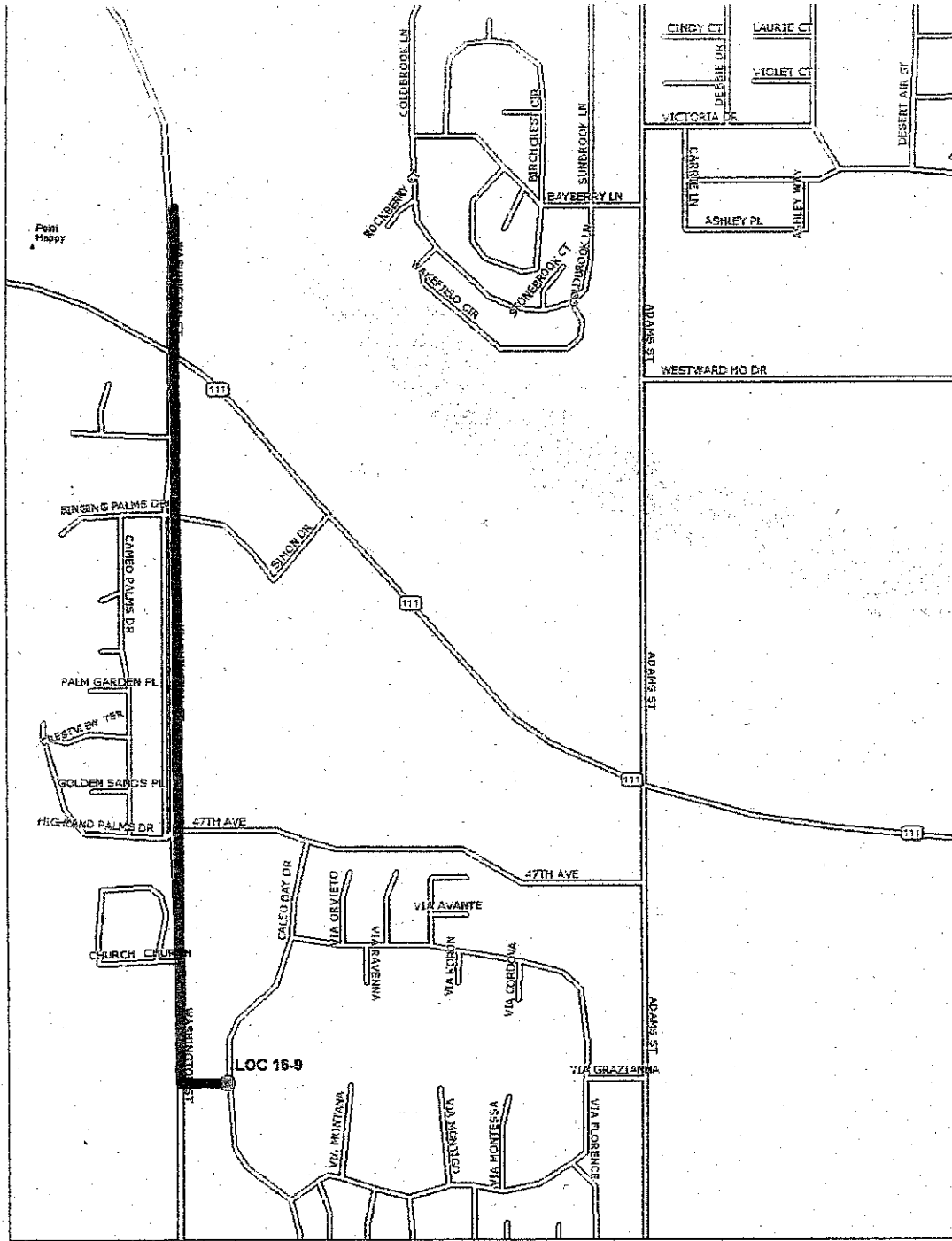


**Region:** Colorado River Basin Region (7)  
**Location:** LOC 16-11CO  
**As Part of 2006 Case Study**

# Sample Drainage Map

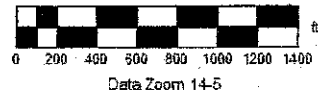
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to the Whitewater River and then into the Salton Sea.

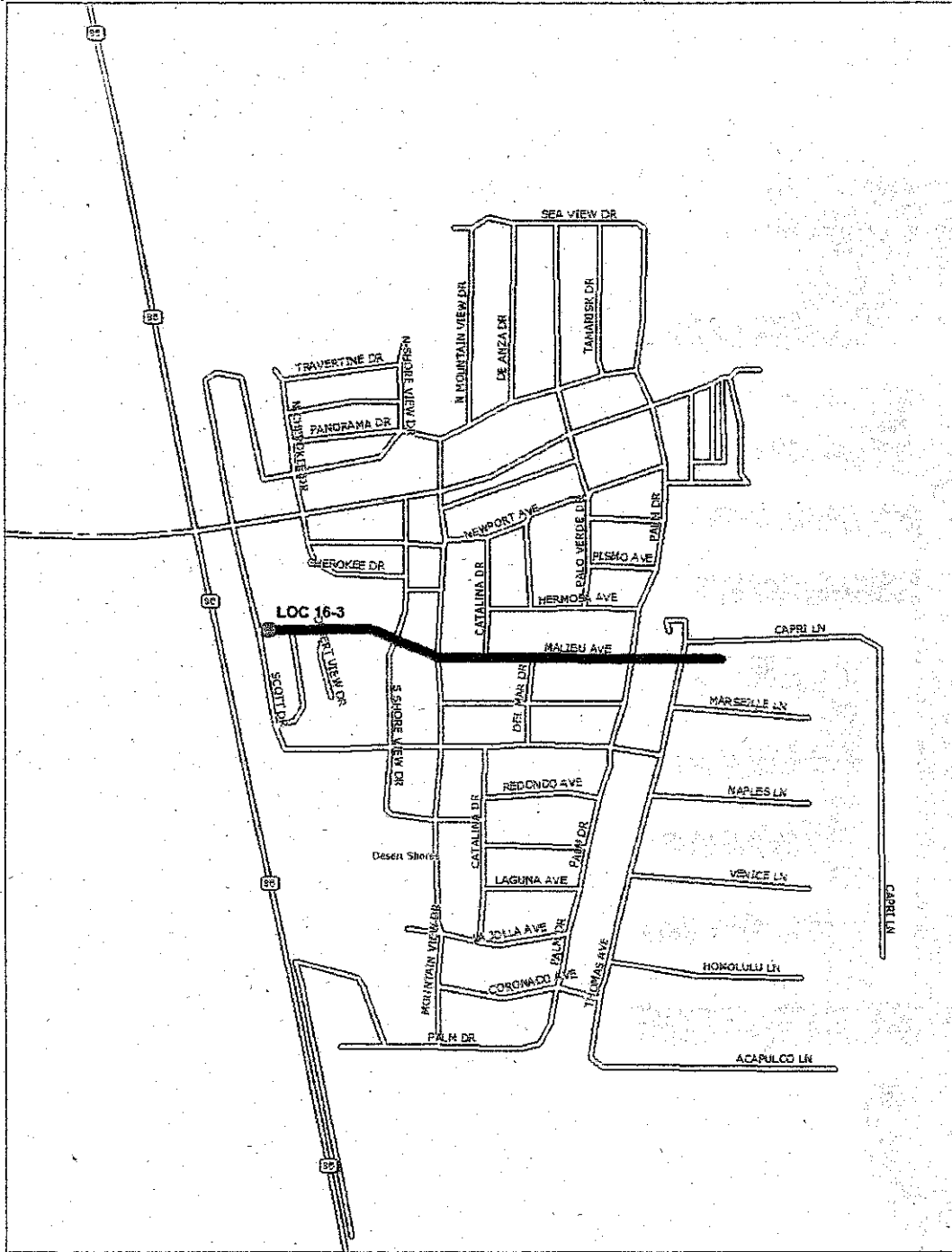


**Region:** Colorado River Basin Region (7)  
**Location:** LOC 16-9  
**As Part of 2006 Case Study**

# Sample Drainage Map

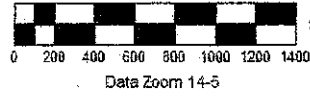
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street and into the Salton Sea.

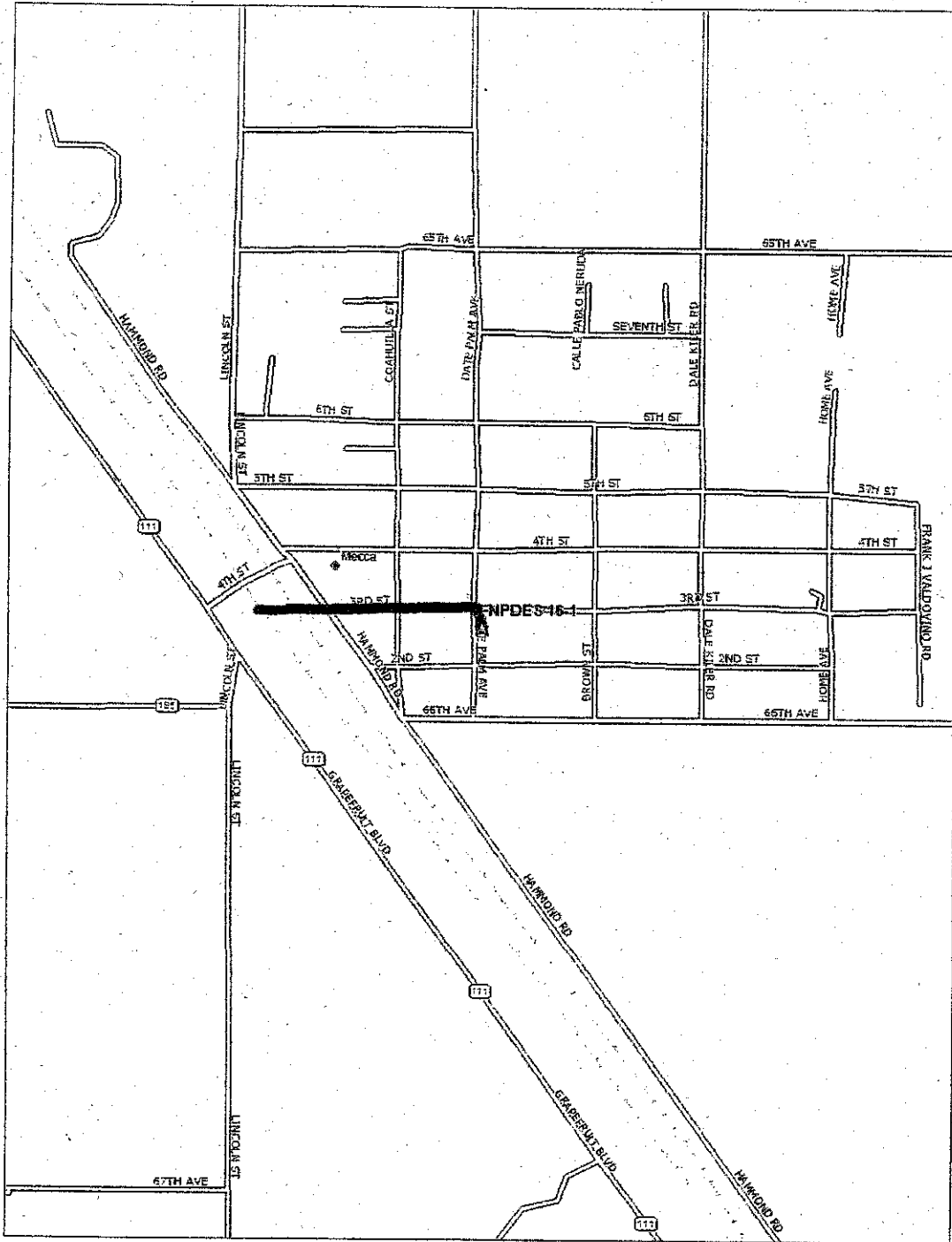


**Region: Colorado River Basin Region (7)**  
**Location: LOC 16-3**  
**As Part of 2006 Case Study**

# Sample Drainage Map

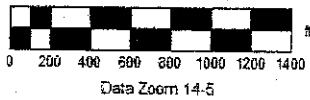
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters, into a perennial canal, to the White Water River and into the Salton Sea.



**Region:** Colorado River Basin Region (7)  
**Location:** NPDES 16-1  
**As Part of 2006 Case Study**



ATTACHMENT B – NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information – WDID # <u>8000000016</u>
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**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301HJ PO Box 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>		4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
D. County <u>Los Angeles</u>		E. State <u>CA</u>	F. Zip Code <u>91708</u>	
G. Contact Person <u>MASOOD CHOUDHURY</u>		H. Title <u>ENVIRONMENTAL MGR</u>	I. Phone <u>903-613-1553</u>	

ADDITIONAL OWNERS

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>Santa Ana River</u>	B. Describe the types of receiving waters affected: <u>River, lake, stream, creek, channel, bay, ocean</u>
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, and/or 9:	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?     Yes     No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?     Yes     No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located		D. Title of Contact Person		
E. City ROMONA	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903.613.1552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume eff - screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal? Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT, WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

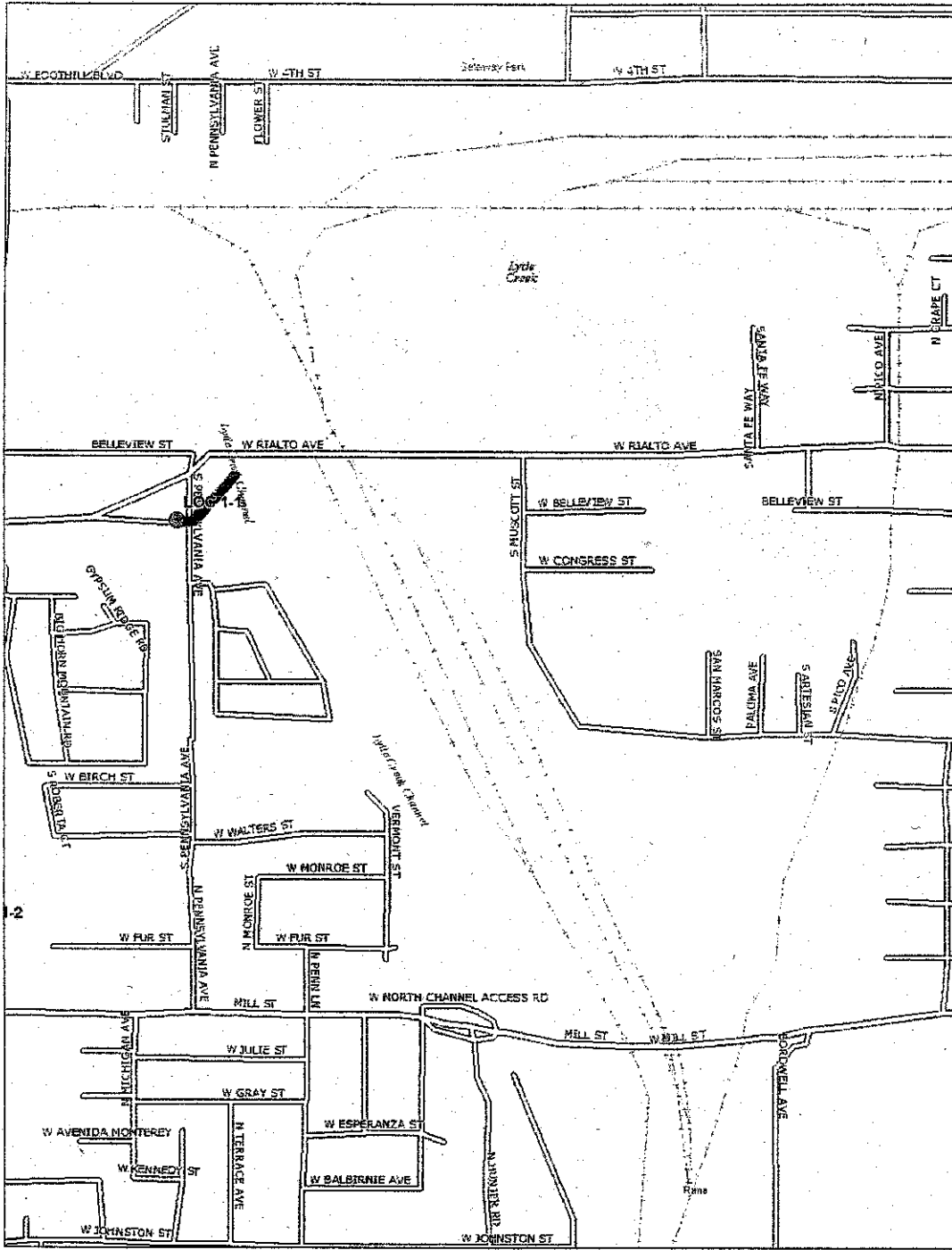
**STATE USE ONLY**

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received:		Check #:	
\$			

# Sample Drainage Map

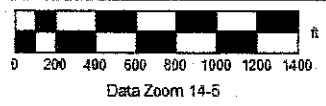
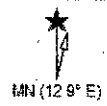
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system, into the Lytle Channel Creek, to Lytle Creek, into the Santa Ana River and then to the Pacific Ocean.

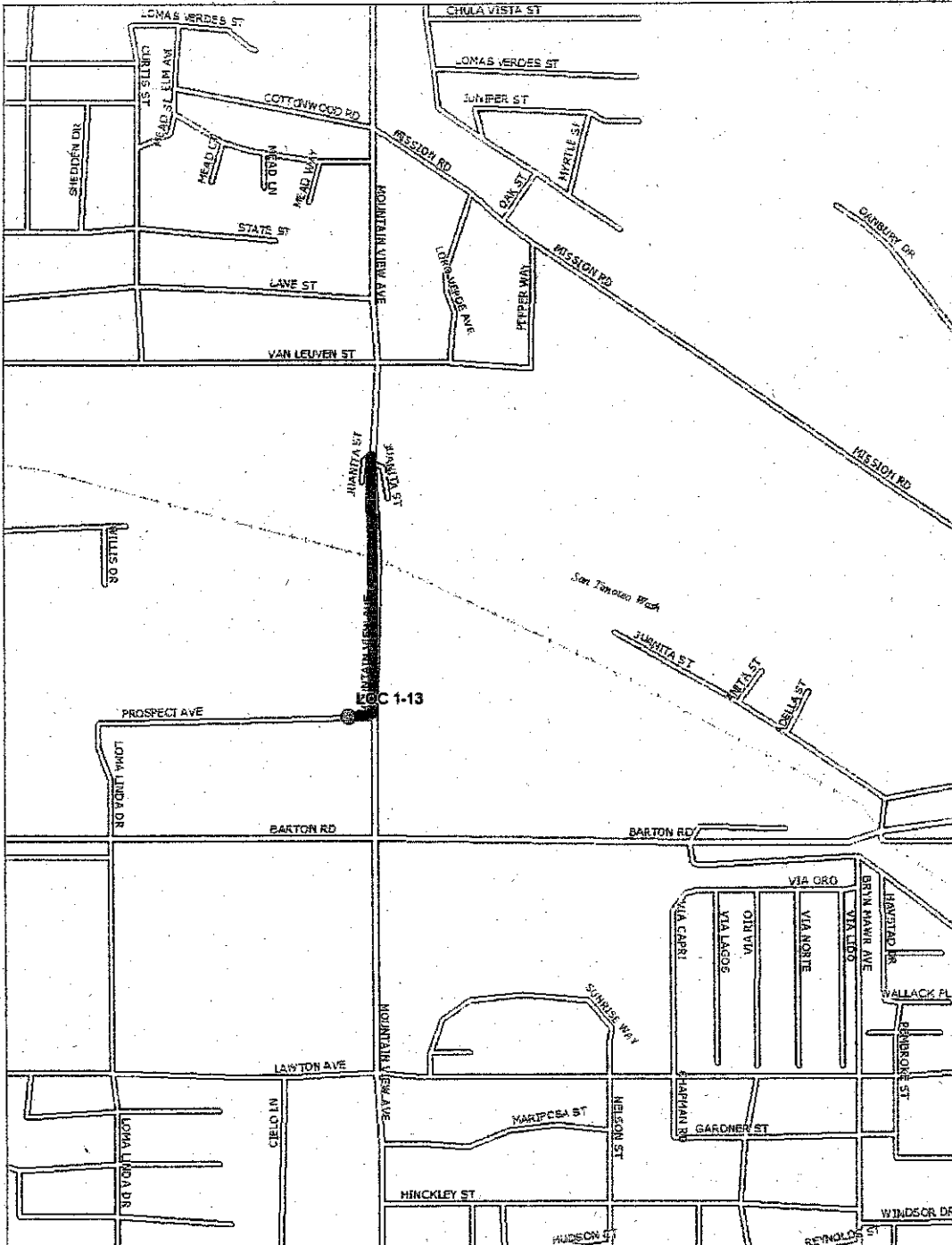


**Region: Santa Ana Region (8)**  
**Location: LOC 1-1**  
**As Part of 2006 Case Study**

# Sample Drainage Map

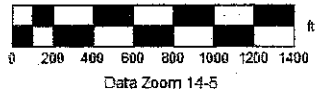
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system, into the San Timoteo Wash, then to the Santa Ana River and then into the Pacific Ocean.

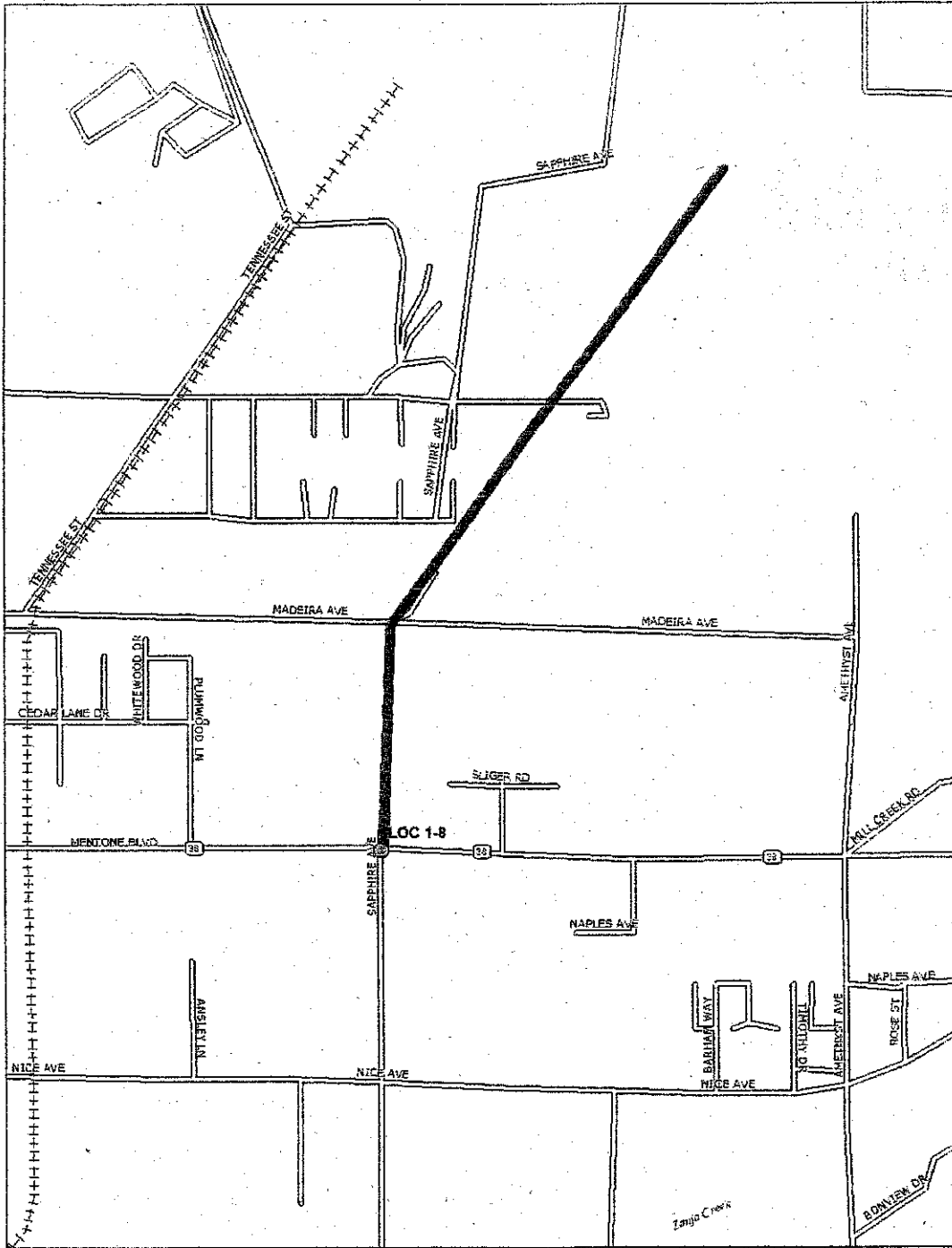


**Region: Santa Ana Region (8)**  
**Location: LOC 1-13**  
**As Part of 2006 Case Study**

# Sample Drainage Map

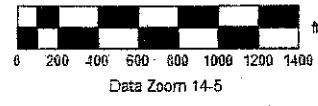
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system, to Mill Creek then to the Santa Ana River and then into the Pacific Ocean.

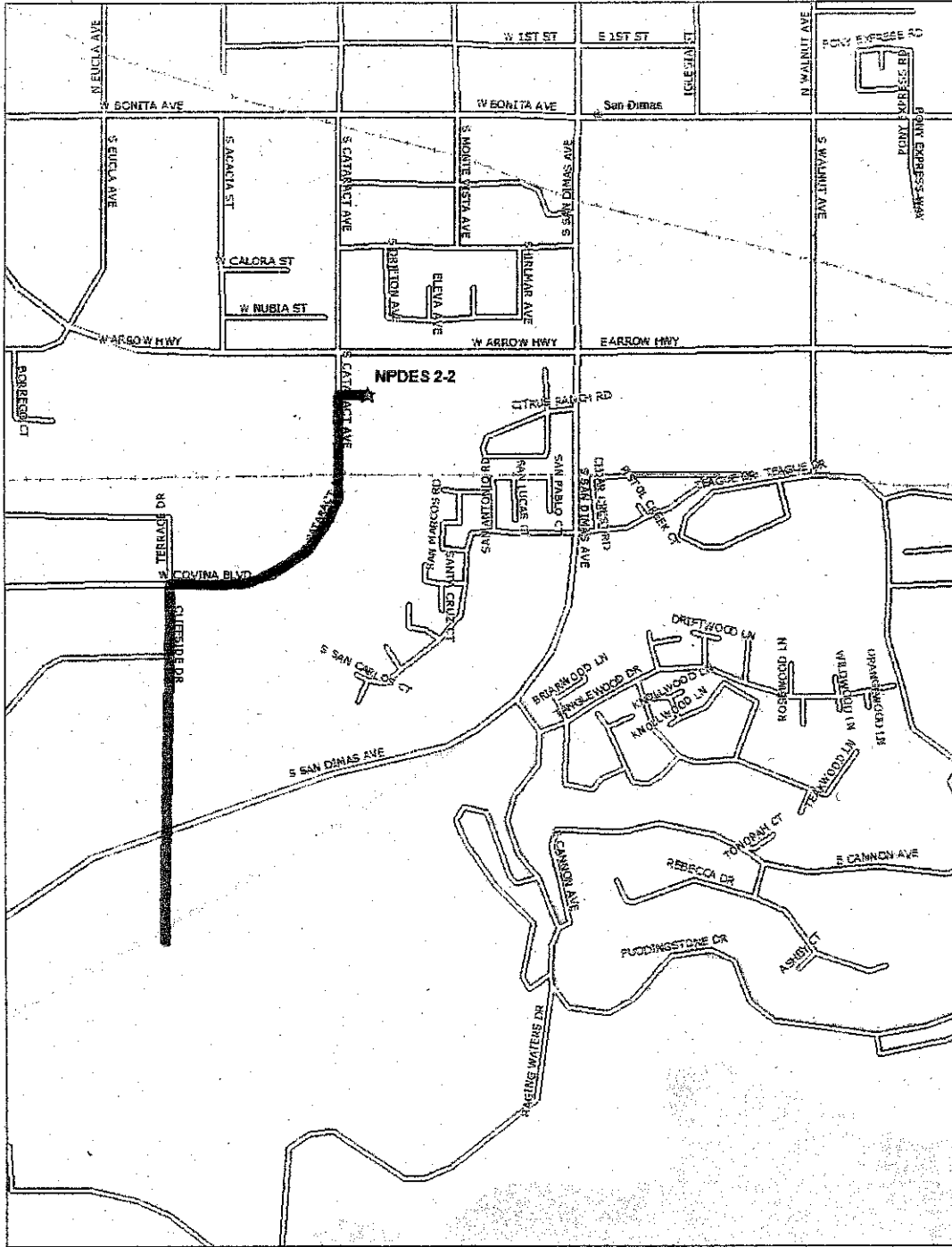


**Region: Santa Ana Region (8)**  
**Location: LOC 1-8**  
**As Part of 2006 Case Study**

# Sample Drainage Map

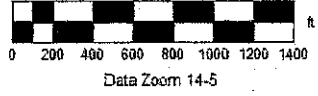
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system, to the Puddingstone Reservoir.



**Region: Santa Ana Region (8)**  
**Location: NPDES 2-2**  
**As Part of 2006 Case Study**

# Sample Drainage Map

## Verizon California

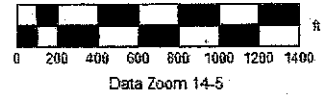
### Samples and Coordinates from 2006 Case Study



Data use subject to license

**Essential Features of Distribution System**

Runoff via municipal storm system, No surface water in the near vicinity - presumed flow into the Santa Ana River and then into the Pacific Ocean.



**Region: Santa Ana Region (8)**  
**Location: LOC 2-8 and LOC 2-9**  
**As Part of 2006 Case Study**

ATTACHMENT B - NOTICE OF INTENT FORM

**NOTICE OF INTENT (NOI)  
WATER QUALITY ORDER NO. 2006-0008-DWQ  
STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
SURFACE WATERS OF THE UNITED STATES  
GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM	1. <input type="checkbox"/> New Discharger	2. <input checked="" type="checkbox"/> Change of Information - WDID # 90000000017
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**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name VERIZON CALIFORNIA INCORPORATED		Owner/Operator Type (Check One)		
		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
		4. <input type="checkbox"/> Gov. Combo	5. <input checked="" type="checkbox"/> Private	
B. Mailing Address MAIL CODE CA301H, PO Box 725				
C. City CHINO		D. County Los Angeles	E. State CA	F. Zip Code 91708
G. Contact Person MASOOD Choudhury		H. Title Environmental Mgr		I. Phone 909-613-1553
<input type="checkbox"/> ADDITIONAL OWNERS				

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): San Diego Creek	B. Describe the types of receiving waters affected: Lake, river, stream, creek, channel, bay, ocean
C. Regional Water Quality Control Board(s) where discharge sites are located List all regions where discharge of wastewater is proposed, i.e. Region(s) 1, 2, 3, 4, 5, 6, 7, 8, and/of 9: <u>9</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
---



ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric Natural Gas Telephone Other:

**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located		D. Title of Contact Person		
E. City Romona	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-613-1552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume, pre-screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal?  Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature]

C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT, WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

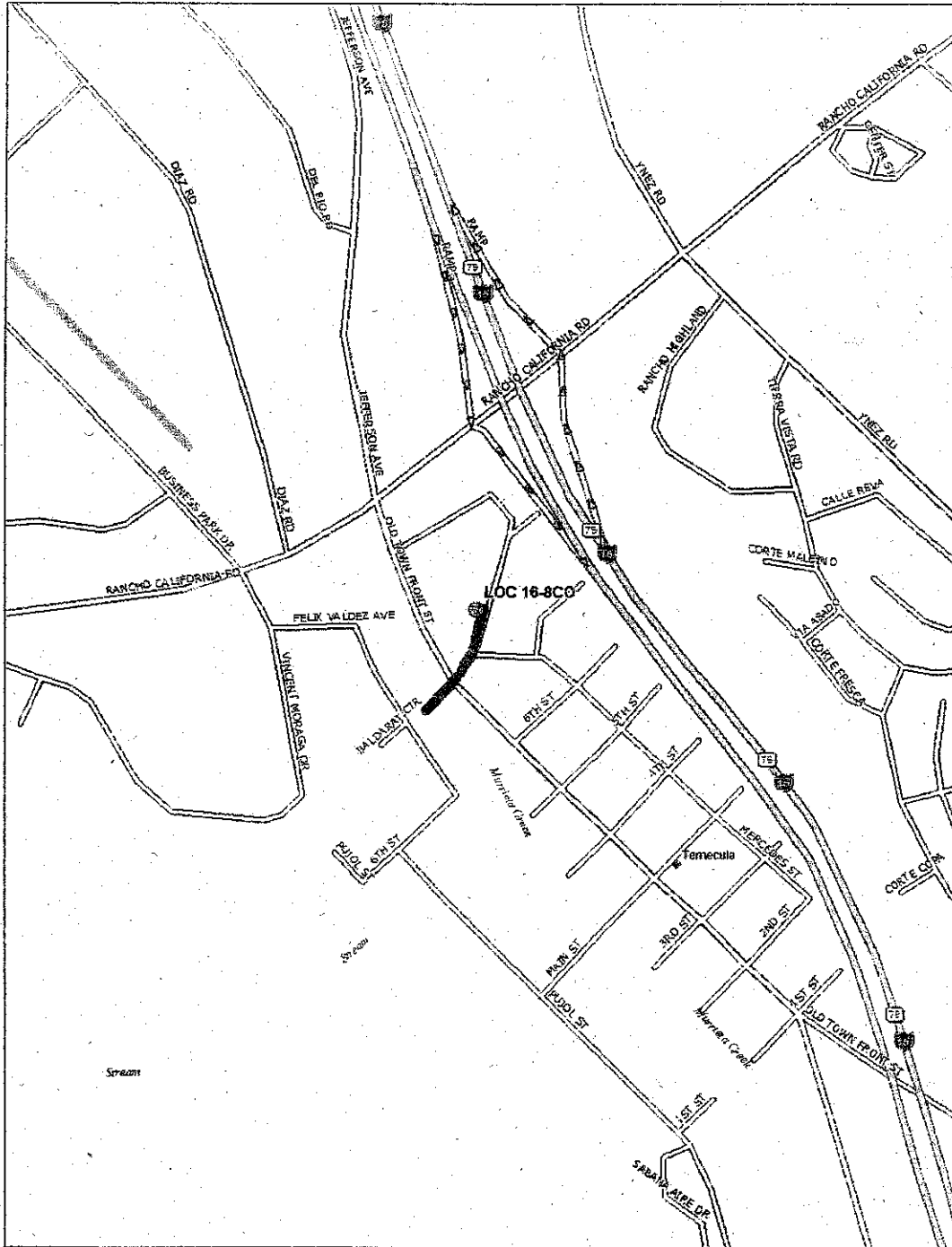
**STATE USE ONLY**

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received: \$		Check #:	

# Sample Drainage Map

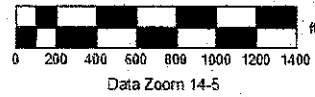
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system, Closest surface water is the Murrieta Stream, which flows into Santa Murrieta Creek, then into the Santa Margarita River and then into the Pacific Ocean.

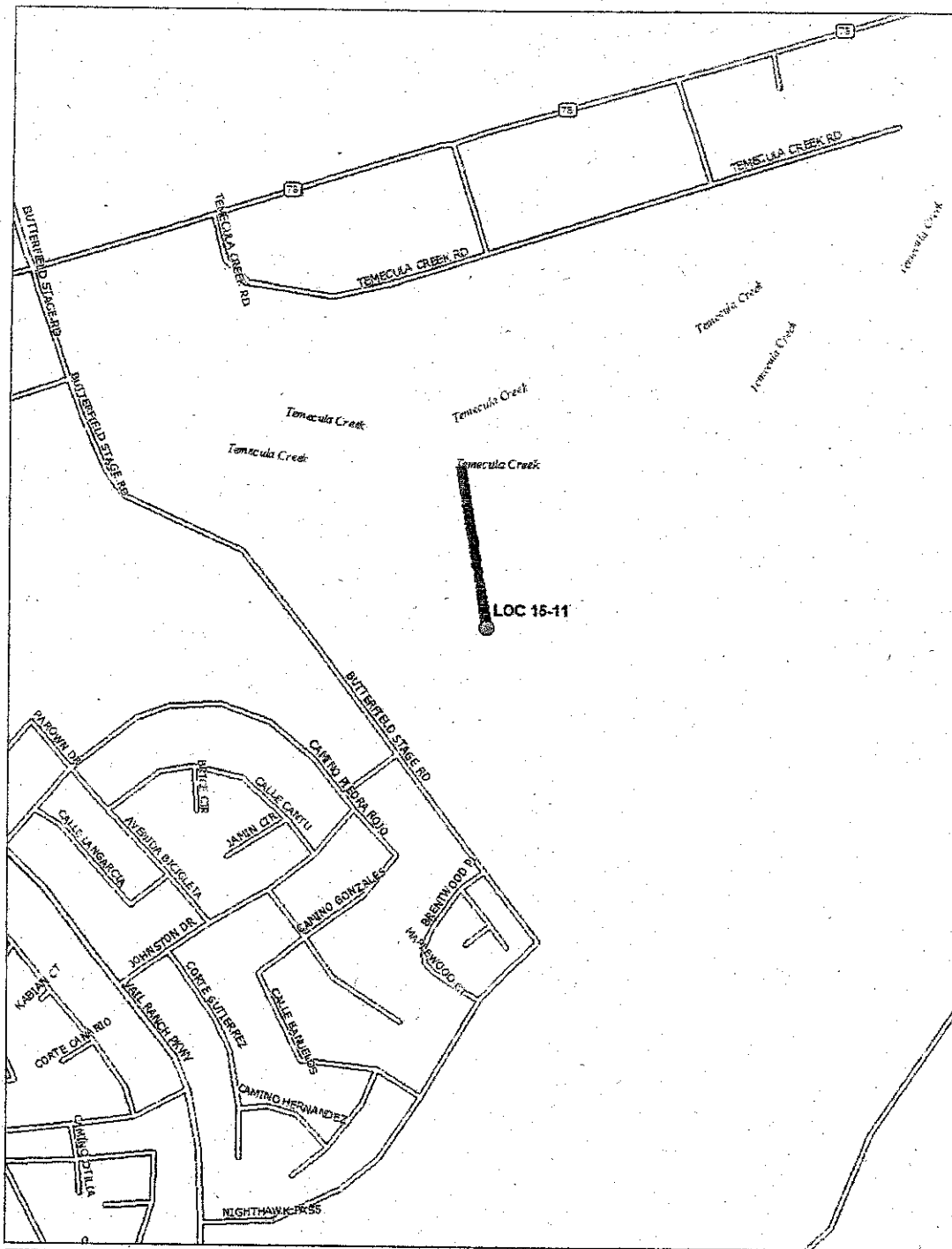


**Region: San Diego Region (9)**  
**Location: LOC 16-8CO**  
**As Part of 2006 Case Study**

# Sample Drainage Map

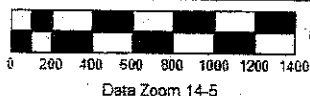
## Verizon California

### Samples and Coordinates from 2006 Case Study



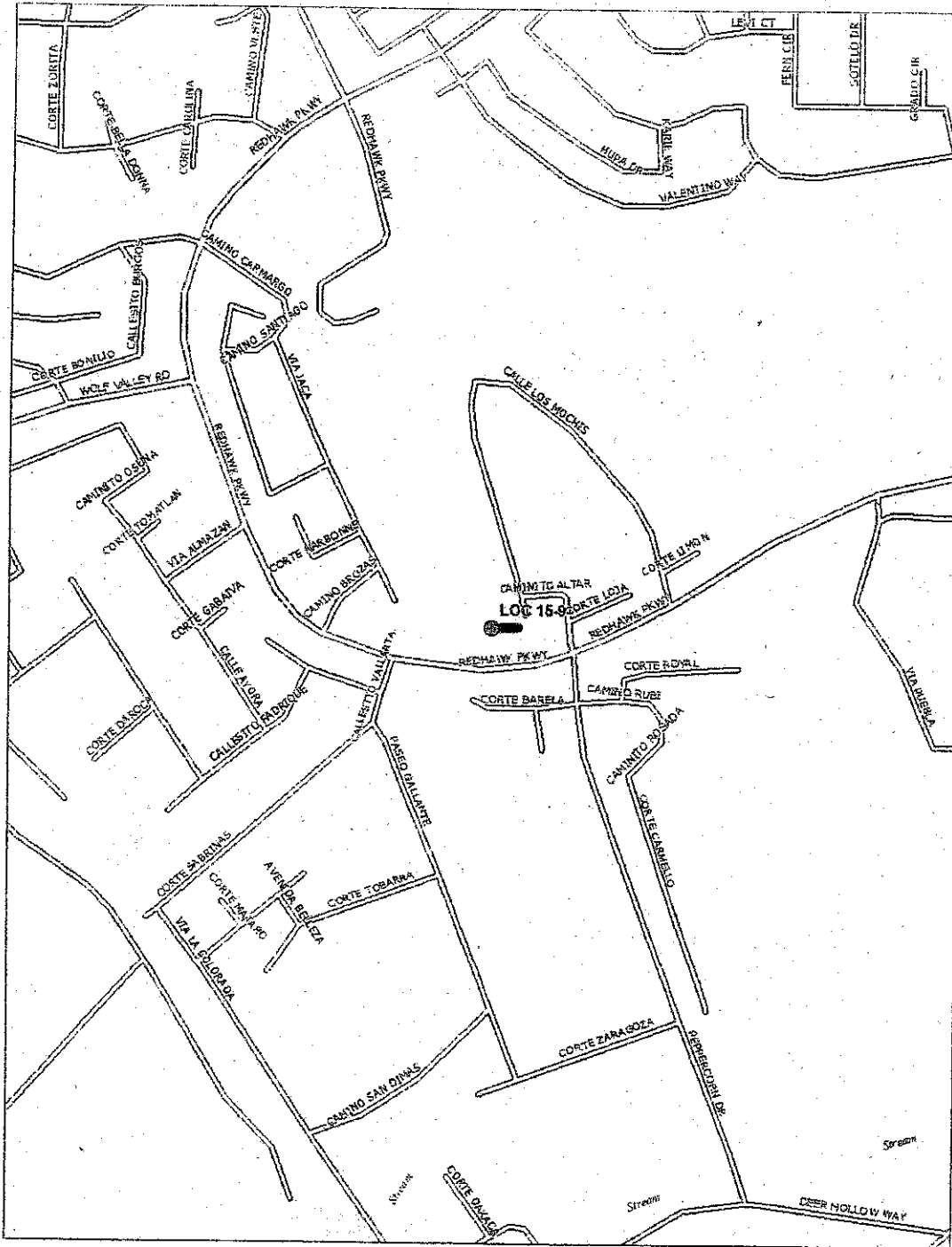
#### Essential Features of Distribution System

Runoff via municipal storm system, Closest surface water is the Temecula Creek, then into the Santa Margarita River and then into the Pacific Ocean.



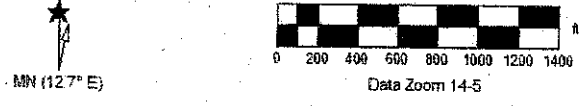
Region: San Diego Region (9)  
 Location: LOC 15-11  
 As Part of 2006 Case Study

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



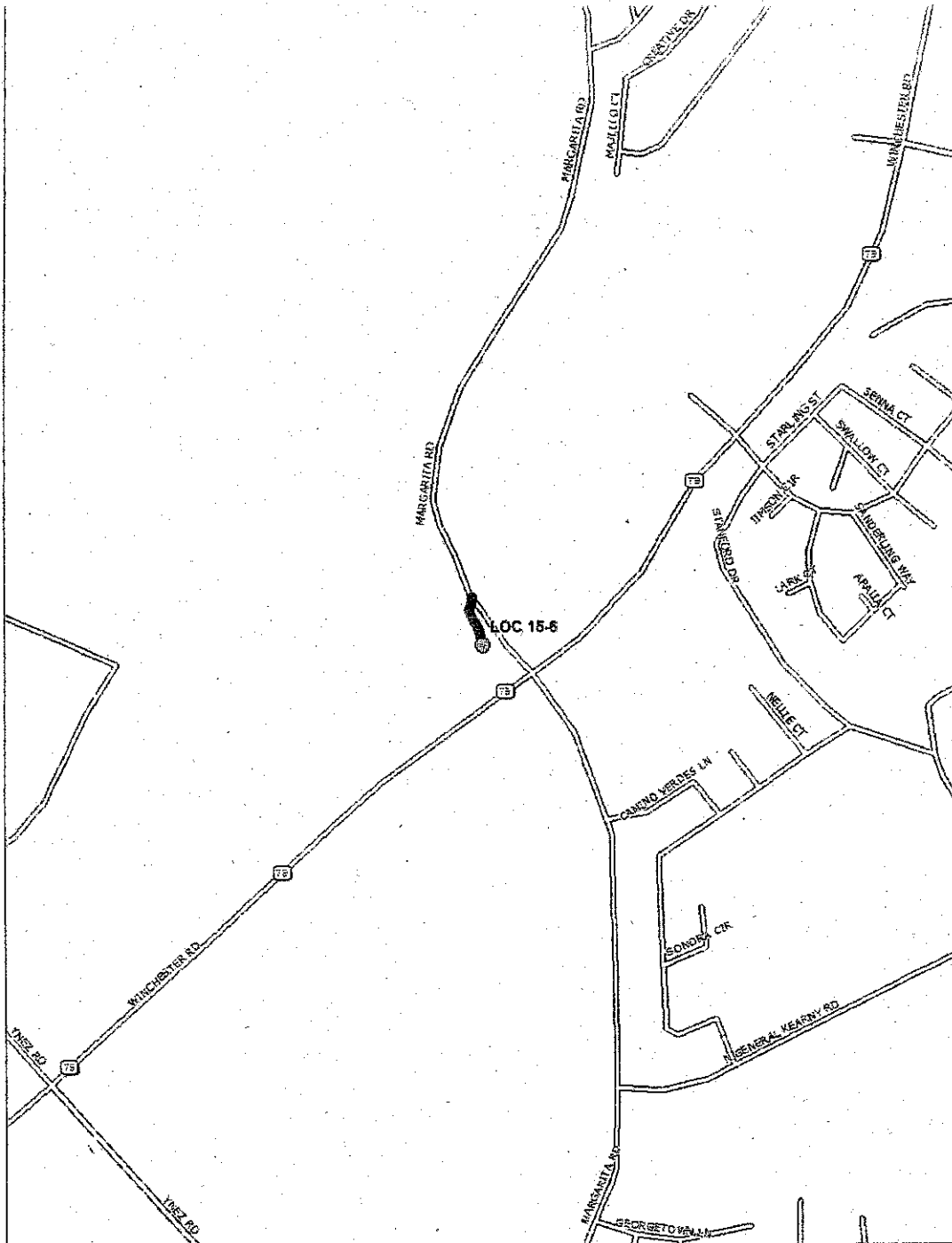
**Essential Features of Distribution System**

Runoff via municipal storm system, Closest surface water is the Temecula Creek, then into the Santa Margarita River and then into the Pacific Ocean.



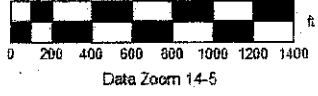
**Region: San Diego Region (9)**  
**Location: LOC 15-9**  
**As Part of 2006 Case Study**

Sample Drainage Map  
 Verizon California  
 Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system. No surface waters are located in the near vicinity..



**Region: San Diego Region (9)**  
**Location: LOC 15-6**  
**As Part of 2006 Case Study**

**ATTACHMENT B – NOTICE OF INTENT FORM**

**NOTICE OF INTENT (NOI)  
 WATER QUALITY ORDER NO. 2006-0008-DWQ  
 STATEWIDE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 PERMIT FOR DISCHARGES FROM UTILITY VAULTS AND UNDERGROUND STRUCTURES TO  
 SURFACE WATERS OF THE UNITED STATES  
 GENERAL PERMIT NO. CAG990002**

**I. NOTICE OF INTENT STATUS (See Instructions)**

MARK ONLY ONE ITEM      1.  New Discharger    2.  Change of Information – WDID # 1000U000000000

**II. OWNER/OPERATOR** (If additional owners/operators are involved, provide the information in a supplemental page.)

A. Name <u>VERIZON CALIFORNIA INCORPORATED</u>		Owner/Operator Type (Check One)		
B. Mailing Address <u>MAIL CODE CA301H.J PO BOX 725</u>		1. <input type="checkbox"/> City	2. <input type="checkbox"/> County	3. <input type="checkbox"/> State
C. City <u>CHINO</u>		4. <input type="checkbox"/> Gov. Combo		5. <input checked="" type="checkbox"/> Private
D. County <u>LOS ANGELES</u>	E. State <u>CA</u>	F. Zip Code <u>91708</u>		
G. Contact Person <u>MASOOD Choudhury</u>	H. Title <u>Environmental Mgr</u>	I. Phone <u>909-613-1553</u>		

ADDITIONAL OWNERS

**III. BILLING ADDRESS** (Enter information only if different from above)

Send to: <input type="checkbox"/> Owner/Operator <input type="checkbox"/> Other	A. Name	B. Title		
	C. Mailing Address			
D. City	E. County	F. State	G. Zip Code	

**IV. RECEIVING WATER INFORMATION**

A. Receiving water(s): <u>Eel River</u>	B. Describe the types of receiving waters affected: <u>River, Lake, Stream, creek, bay, channel, ocean</u>
C. Regional Water Quality Control Board(s) where discharge sites are located. List all regions where discharge of wastewater is proposed, i.e. Region(s) <u>1, 2, 3, 4, 5, 6, 7, 8, and/or 9:</u>	

**V. LAND DISPOSAL/RECLAMATION**

The State Water Resources Control Board's water rights authority encourages the disposal of wastewater on land or re-use of wastewater where practical. You must evaluate and rule out this alternative prior to any discharge to surface water under this Order.

Is land disposal/reclamation feasible?       Yes       No

If Yes, you should contact the Regional Water Board. This Order does not apply if there is no discharge to surface waters. If No, explain: Short-term, small volume discharges on emergency basis.

**VI. VERIFICATION**

Have you contacted the appropriate Regional Water Board or verified in the appropriate Basin Plan that the proposed discharge will not violate prohibitions or orders of that Regional Water Board?       Yes       No

ORDER NO. 2006-0008-DWQ NPDES NO. CAG990002 VII. TYPE (Check All That Apply)

Electric	Natural Gas	Telephone	Other:
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**VIII. POLLUTION PREVENTION PRACTICES PLAN INFORMATION**

A. Company Name VERIZON CALIFORNIA INC. 2849 FIGUS STREET		B. Contact Person MASOOD CHOUDHURY Environment Manager		
C. Street Address Where PLAN is Located		D. Title of Contact Person		
E. City Ranona	F. County LA	G. State CA	H. Zip Code 91708	I. Phone 903-613-552

**IX. DESCRIPTION OF DISCHARGE**

Describe the discharge(s) proposed. List any potential pollutants in the discharge. Attach additional sheets if needed. Intermittent, small volume pre-screened waters.

**X. VICINITY MAP AND FEE**

A. Have you included vicinity map(s) with this submittal?  Yes  No  
Separate vicinity maps must be submitted for each Region where a proposed discharge will occur.

B. Have you included payment of the filing fee (for first-time enrollees only) with this submittal?  Yes  No  N/A

C. Have you included your PLAN?  Yes  No

**XI. CERTIFICATION**

" I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the criteria for eligibility and the development and implementation of Pollution Prevention Practices, if required, will be complied with."

A. Printed Name: MASOOD CHOUDHURY

B. Signature: [Signature] C. Date: 11/25/06

D. Title: ENVIRONMENT MANAGEMENT WEST

PLEASE SUBMIT THE NOI, FIRST ANNUAL FEE, PLAN AND MAP TO THE FOLLOWING ADDRESS:

UTILITIES NOI  
NPDES UNIT  
DIVISION OF WATER QUALITY  
STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100

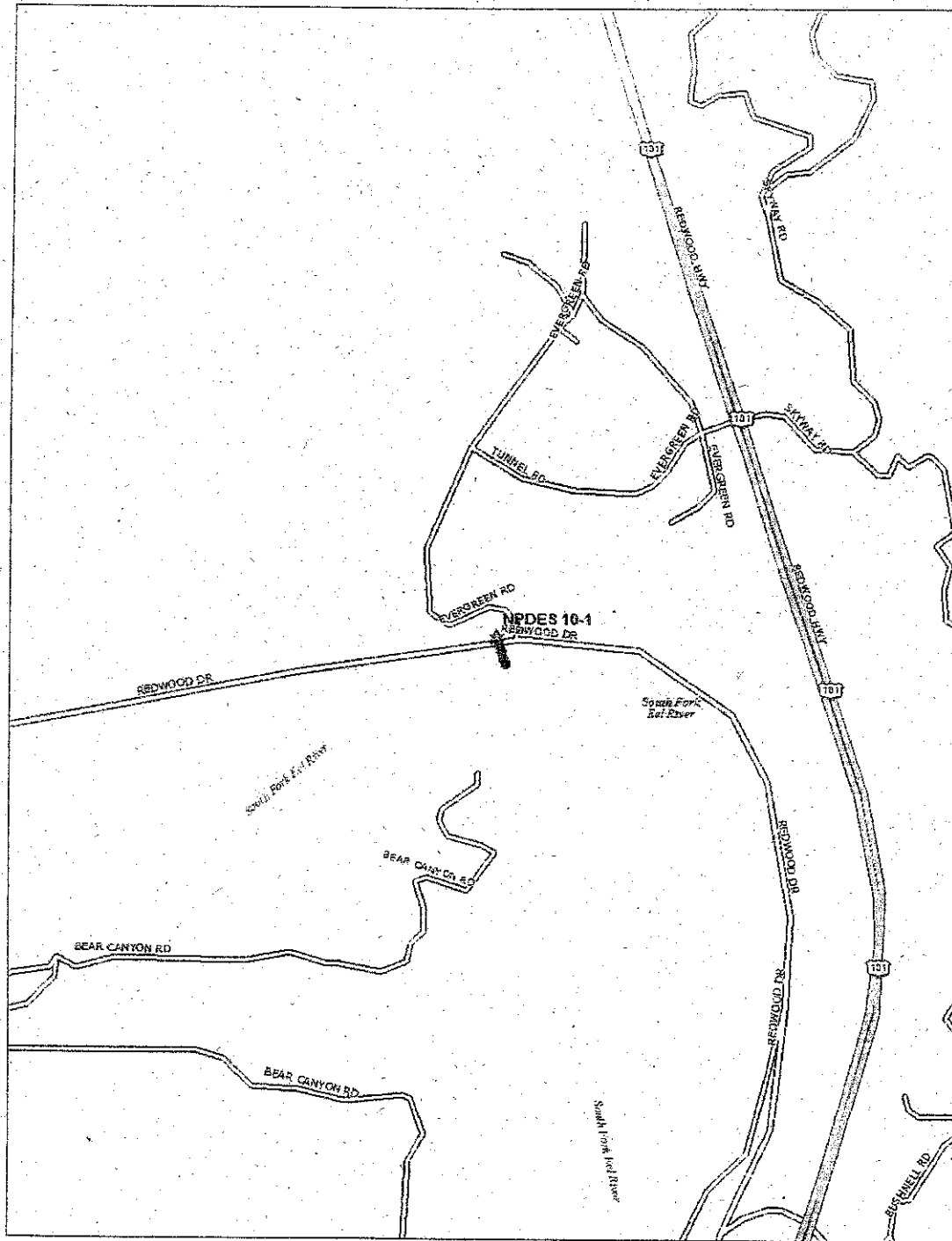
**STATE USE ONLY**

WDID:	Regional Board Office	Date NOI Received:	Date NOI Processed:
Fee Amount Received: \$		Check #:	

# Sample Drainage Map

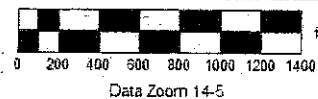
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

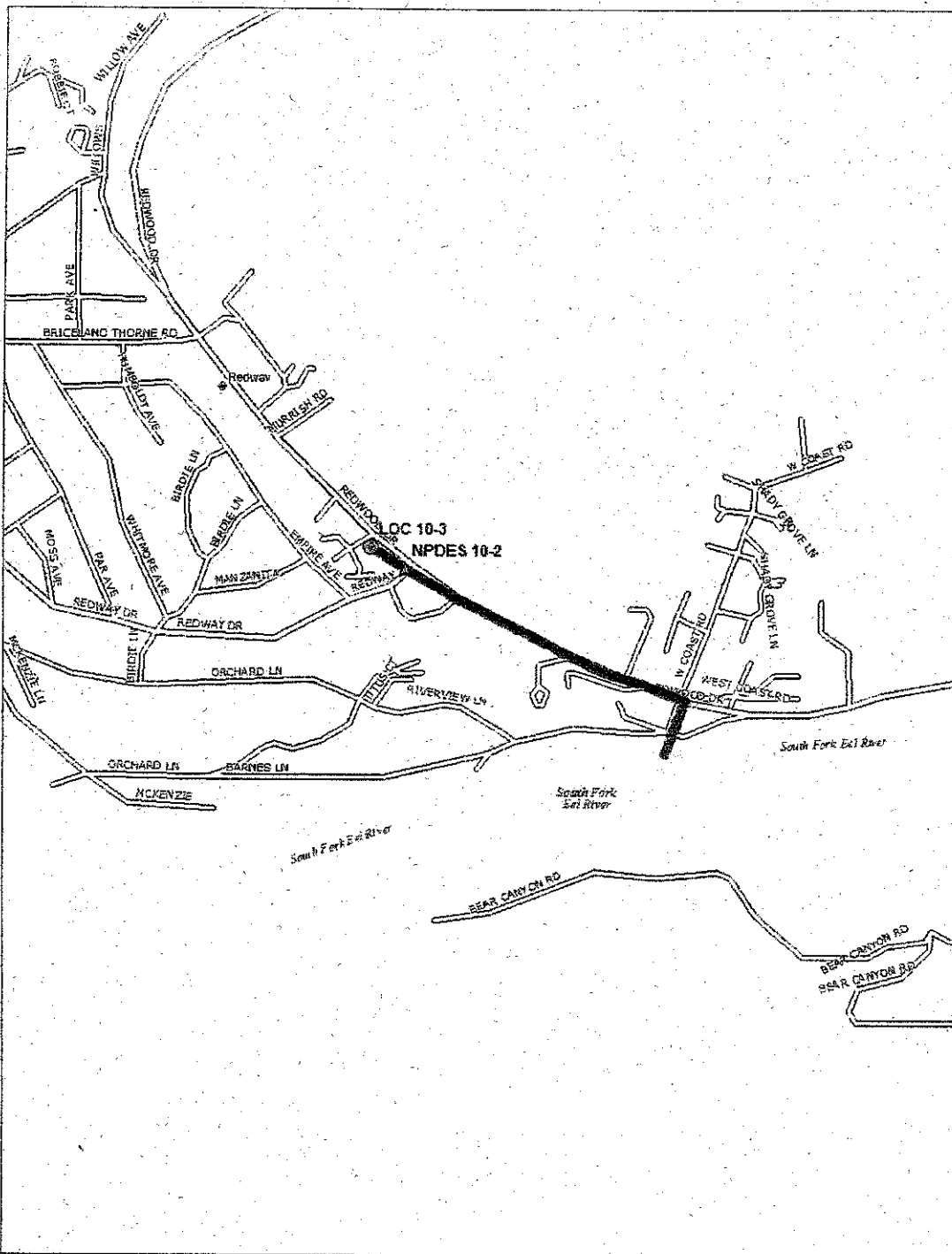
Runoff via street gutters to South Fork of the Eel River, flowing into the Van Arsdale Reservoir.



**Region:** North Coast Region (1)  
**Location:** NPDES 10-1  
**As Part of** 2006 Case Study

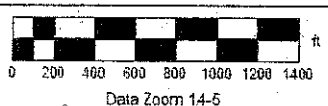


Sample Drainage Map  
 Verizon California  
 Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to South Fork of th Eel River, flowing into the Van Arsdale Reservoir.

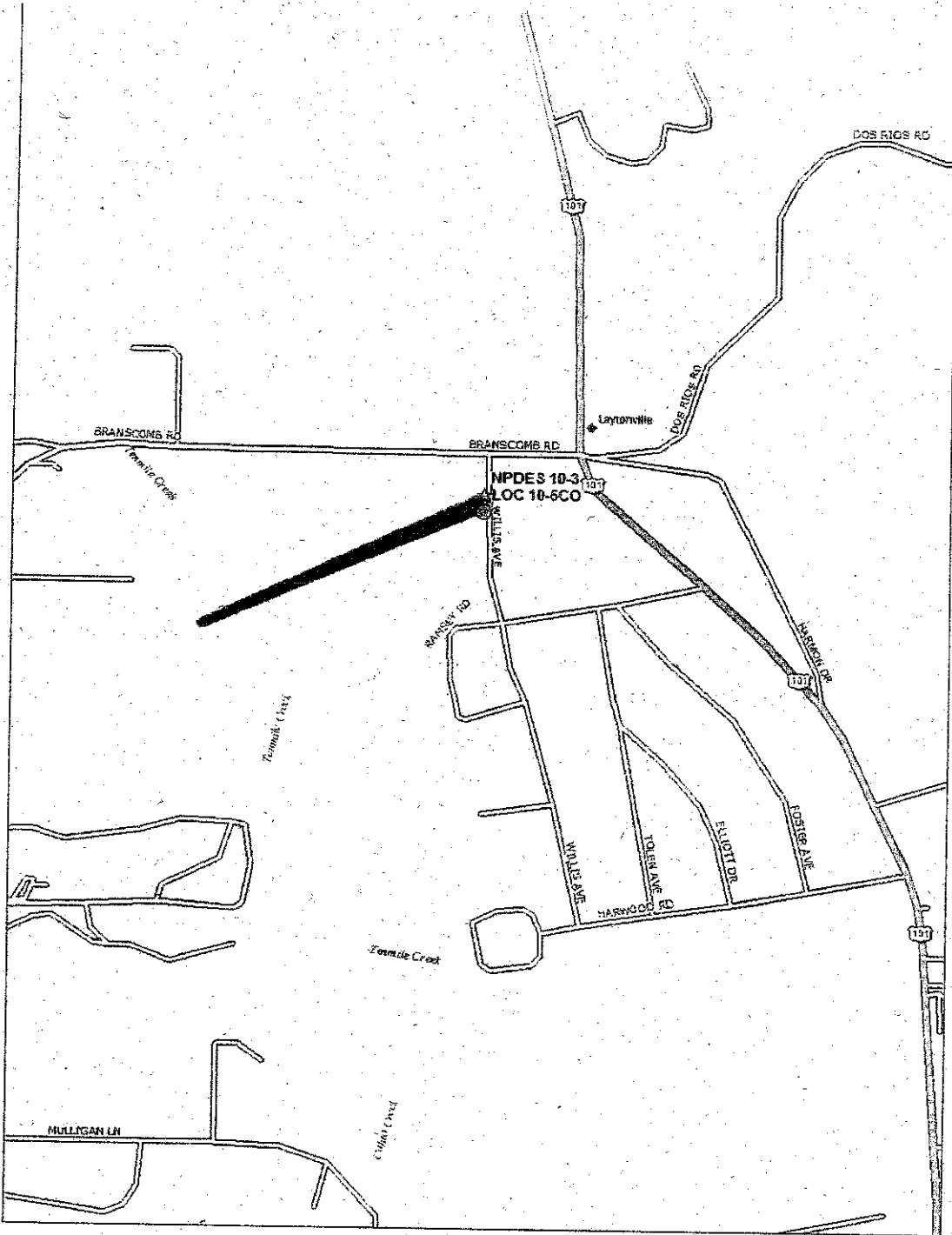


Region: North Coast Region (1)  
 Location: NPDES 10-2 and LOC 10-3  
 As Part of 2006 Case Study

# Sample Drainage Map

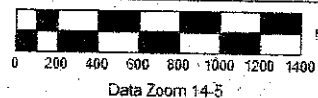
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to Ten Mile Creek, then to South Fork of the Eel River; then flowing into the Van Arsdale Reservoir.

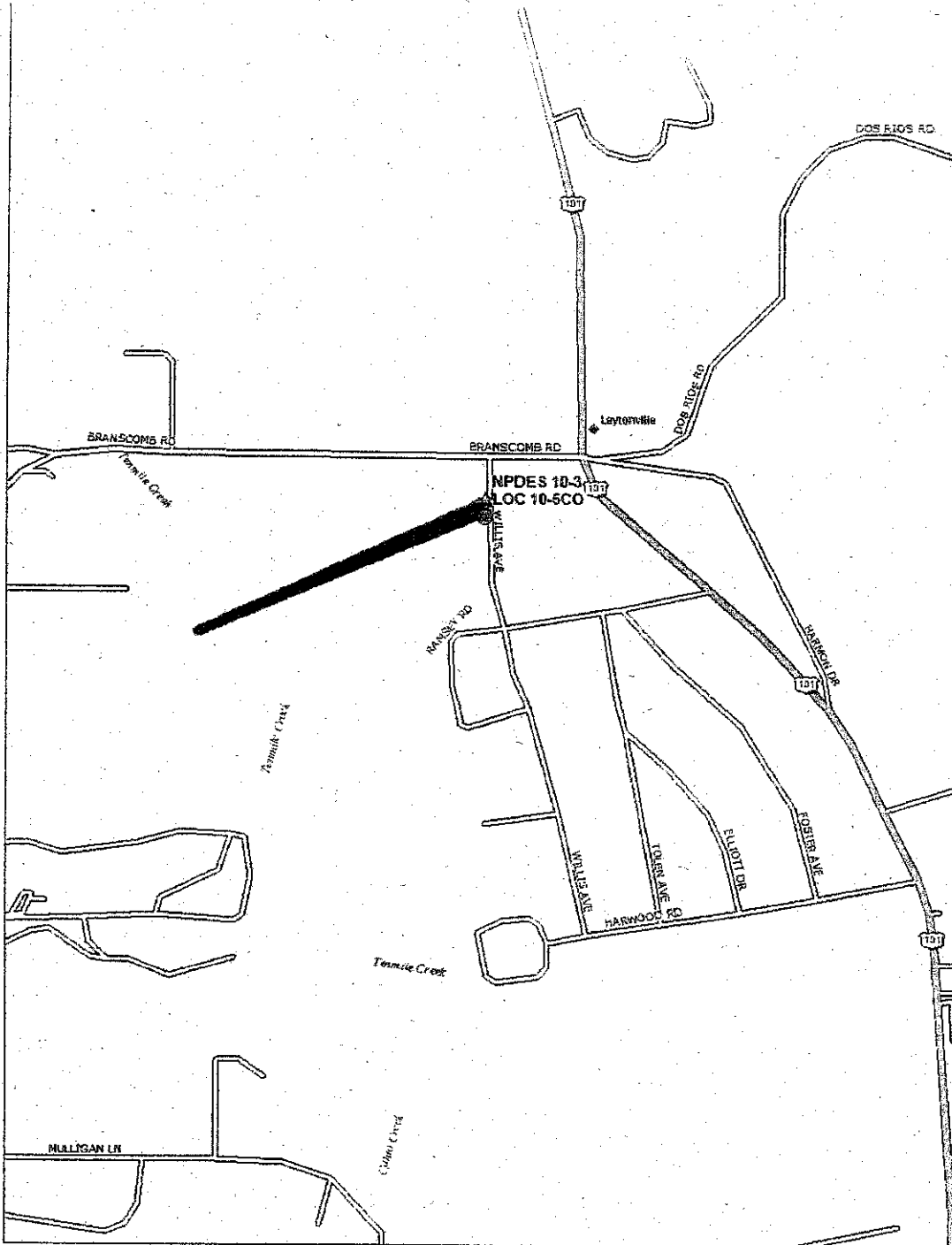


**Region:** North Coast Region (1)  
**Location:** NPDES 10-3 and LOC 10-5CO  
**As Part of 2006 Case Study**

# Sample Drainage Map

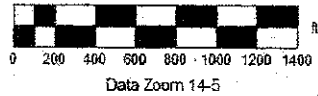
## Verizon California

### Samples and Coordinates from 2006 Case Study



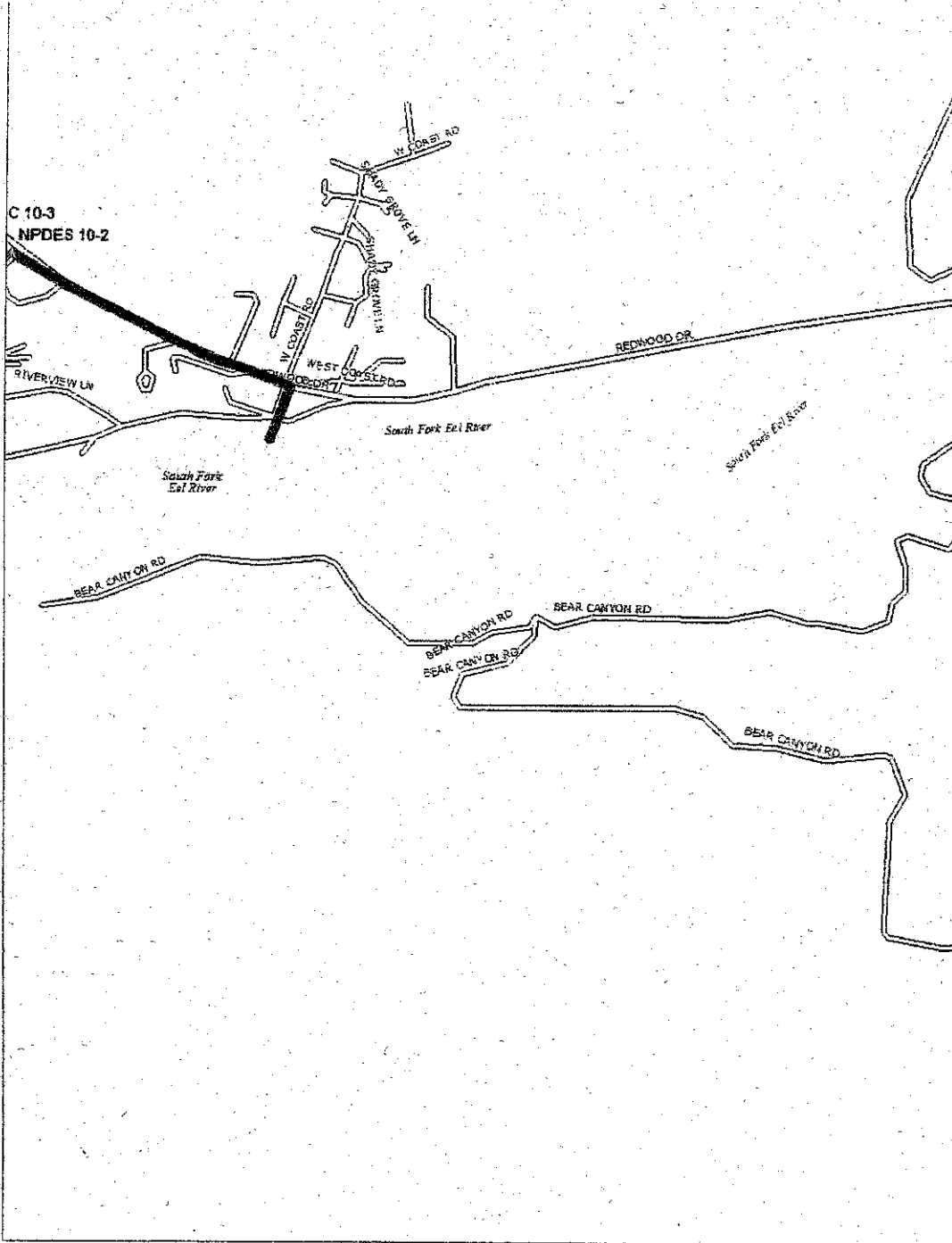
**Essential Features of Distribution System**

Runoff via street gutters to Ten Mile Creek, then to South Fork of the Eel River; then flowing into the Van Arsdale Reservoir.



**Region: North Coast Region (1)**  
**Location: NPDES 10-3 and LOC 10-5CO**  
**As Part of 2006 Case Study**

Sample Drainage Map  
 Verizon California  
 Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System.**

Runoff via street gutters to South Fork of the Eel River, then flowing into the Van Arsdale Reservoir.



Region: North Coast Region (1)  
 Location: NPDES 10-2  
 As Part of 2006 Case Study

**Verizon California Inc.  
Pollution Prevention Practices  
(PPP)**

**Utility Vaults and other Subsurface Structures**

Covered by

National Pollutant Discharge Elimination System General Permit CAG990002  
Discharges by Utility Companies to Surface Waters

Issue No. VERIZON0001

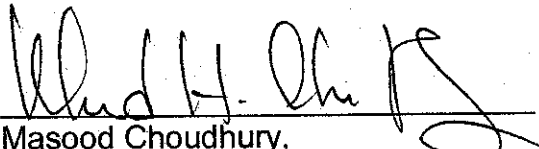
Date: November 2006

VERIZON WDID identification numbers are:

- Region 1: WDID NUMBER 1000U000008
- Region 2: WDID NUMBER 2000U000009
- Region 3: WDID NUMBER 3000U000010
- Region 4: WDID NUMBER 4000U000011
- Region 5: WDID NUMBER 5000U000013
- Region 6: WDID NUMBER 6000U000014
- Region 7: WDID NUMBER 7000U000015
- Region 8: WDID NUMBER 8000U000016
- Region 9: WDID NUMBER 9000U000017

## Certification

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted, to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
Masood Choudhury,  
VERIZON Environment Management, West

Date: November 25, 2006

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**1. Contact Information**

Plan retained at Address: 2849 Ficus Street Pomona California

Mailing Address: VERIZON Environment Management,  
Mail Code CA301HJ,  
PO Box 725 Chino, CA 91708

Fax Number: (909) 628-3380

24 hour emergencies: (800) 386-9639 – option # 2

Primary Contact Name: Masood Choudhury, Environment Manager  
Primary contact Phone: Phone: (909) 613-1553

Alternate Contact: Zachary Feingold (909)613-1554



## 2. GENERAL INFORMATION

### 2.0 Overview

The State of California Water Resources Control Board, as the regulatory agency responsible for the protection of water quality under the Federal Clean Water Act of 1972, has authority over the discharge of pollutants to surface waters. The Clean Water Act requires the issuance of a Permit for the legal discharge of pollutants to surface waters of the United States.

Verizon, and most other utility providers, have multiple discharges of water from utility manholes, vaults, and other sub surface structures as a result of storm water inflow, subterranean seepage, inflow of other surface waters and/or condensate from air conditioning units. The discharges are a routine part of network operation and maintenance. Practical considerations make it impossible to obtain a separate discharge permit each time water has to be pumped from a vault.

These vaults and underground structures may have small quantities of oil and grease present due to the normal operation of equipment, as well as small quantities of other pollutants. Establishment of numeric effluent limitations for pollutants from utility vaults and underground structures is not feasible because: (1) Verizon has numerous short duration intermittent releases of water to surface waters from many different locations, and (2) treatment of all these releases to meet numeric effluent limitations would be impractical.

This Pollution Prevention Practices (PPP) explains the procedures and precautions that VERIZON will follow to insure that water discharged from manholes, utility vaults and other sub surface structures do not degrade the quality of the receiving surface waters.

### 2.1 Purpose

The PPP covers short term intermittent discharges of pollutants to surface waters by VERIZON. The procedures of the PPP are to insure that pollutant concentrations in the discharge do not cause a violation of any applicable water quality objective for the receiving waters, including prohibitions of discharge.

The PPP will also insure that discharges do not cause acute or chronic toxicity in

the receiving waters. The PPP is designed to comply with Best Available Technology and or Best Control Technology (BAT/BCT) to ensure compliance with Water Quality Standards. This PPP shall be amended whenever there is a change in construction, operation, or maintenance, when such amendment is necessary to ensure compliance with BAT/BCT and receiving water limits. It shall also be amended if it is in violation of any conditions of this General Permit or has not achieved the general objective of controlling pollutants in discharges to surface waters. The amended Plan shall be submitted to the appropriate Regional Water Quality Control Board. It and any amendments shall be certified in accordance with the signatory requirements.

## 2.2 Types of Discharges

VERIZON discharges covered by this PPP all originate as water trapped in sub surface structures. These discharges can be broken into two distinct types defined by the water resistance of the equipment installed in the structure. For the purpose of this plan we will differentiate the sub structures into wet structures or dry structures.

### 2.2.1 Wet Structures

Wet structures include manholes, vaults, hand holes and similar underground spaces that contain cables, cable connections, signal enhances and a variety of other water proof equipment. Water that accumulates in such structures will remain there until a worker must enter. The amount of discharge is dependant on the size of the structure and the depth of the water in the structure. Handholes vary in volume from about 15 to 50 cubic feet. Most, but not all, manhole volumes are between 80 and 500 cubic feet. Most structures are of a size configuration that would not hold maximum allowable purge volumes. Verizon does maintain very few large structures that meet or exceed a size that could maintain waters up to or exceeding maximum purge volume however; internal training and procedures insure that purge volumes remain below maximum allowable volumes.

The water in wet structures includes trapped water from storm run off, irrigation runoff and/or groundwater seepage. Typically water from wet structures can contain trace amounts of oil, grease, fertilizer, groundwater contaminants, organic matter, and other natural and artificial pollutants.

Normal operations in a wet substructure do not produce contaminants. Sometimes repair or installation may involve soldering to make electrical connections or working on old style lead sheathed cable. These activities

have potential to add insoluble lead or other inorganic traces to sludge on the floor of the structure.

Other pollutants occasionally encountered that effect the quality of water removed from wet structures include roots, byproducts of microbial activity, silt, materials illegal dumping by the public and insoluble solids from surface run off.

### 2.2.2 Dry Structures

Dry structures are usually environmentally controlled spaces that contain switchgear, computers and electronics which are sensitive to environmental factors of heat and moisture. Dry structures are sealed more tightly than wet structures. Dry structures are usually air-conditioned to control equipment temperature and humidity. Air-conditioning equipment generates water condensate from the air that must be discharged. To keep dry structures dry, they are usually equipped with a sump that allows water to seep into the ground. Most dry structures have automatic sump pumps that actuate when the amount of accumulated water exceeds a preset level. The sump water is then discharged from the structure.

Dry structures can receive air conditioner condensate, storm run off, irrigation run off as well as some ground water seepage. The better construction of these enclosures tends to minimize water encroachment.

Water discharged from dry structures is generally cleaner and in smaller amounts than from wet structures. Ten years of case studies have shown that internal maintenance and upgrades have reduced the overall amount of purge water from each of these structures to average amounts of less than 10 gallons and the vast majority of these structures are completely dry.

### 2.2.3 Unscheduled Discharges

The majority of discharges from wet structures are unscheduled. The discharge occurs because a repair or maintenance crew arrives on the site to discover that standing water inside the structure covers the equipment. The crew must remove the water to complete their work.

The procedures used for field screening of trapped water prior to discharge must be simple enough to allow these workers to quickly

determine if they can pump water from the structure and proceed with the repair. Because of the critical nature of telephone communication, work crews often have short deadlines to restore service. The screening procedure must be compatible with these business needs.

Repair may be significantly delayed if water can't be discharged because of pollutants that fail the field screening. The field crew is instructed to call their supervisor and/or the environmental group for immediate assistance when water fails screening. Depending on the nature of the contamination there are several prearranged contractors available to handle the contaminated water.

Unscheduled discharges from dry structures are less in volume than wet structure discharges. Dry structure discharges commonly fluctuate depending on weather conditions. Provided the drainage areas of a dry sub structure are kept clean, dry structure discharges should be of adequate quality to have no significant effect on the quality of the surface receiving waters. Representative sampling of dry structure discharges is to be part of the "Case Study Monitoring Plan" required by the general permit conditions.

#### 2.2.4 Scheduled Discharges

Scheduled discharges from wet or dry structures are capable of control by the same methods described under 3.2 and 3.3 of this document.

#### 2.2.5 Reservoir Discharges

Reservoir discharges from wet or dry structures are capable of control by the same methods described under 3.2 and 3.3 of this document.

#### 2.2.6 Emergency Discharges

Emergency discharges from wet or dry structures are capable of control by the same methods described under 3.2 and 3.3 of this document.

**In emergency situations where service affecting outages require immediate attention** the environmental department will select the fastest method to free the structure of water rather than the most cost effective.

**In cases of wide spread disaster** Verizon will activate the Emergency Operations Center (EOC) for California. Environment specialists in

communication with the EOC will expedite, prioritize and provide material resources necessary to handle multiple sites.

**In emergency situations involving an immanent threat to human life or serious property damage** field personnel have the authority to take whatever action is necessary to relieve the immediate threat including discharge of polluted unscreened water. If practical, a sample of the discharged water should be taken and retained for screening. Telephone reports are to be provided to Verizon Environment Management at the earliest possible opportunity not to exceed 24 hours of any unscreened emergency discharge. Fax a written report that details the nature, estimated quantity and circumstances of the emergency discharge to Verizon Environment Management following the verbal report.

### 3. Procedures

#### 3.1 When to Apply

The PPP only applies to water discharged to storm drainage systems, surface water and/or land.

The PPP is to be used for short term intermediate discharge of water from manholes, hand holes, and vaults which must be drained to allow for work to proceed. The plan also addresses the control of pollutants discharged from automatically pumped sumps in vaults and other sub surface structures that are to be kept free of water.

The PPP does not apply to discharges from:

- Discharges from vehicle and equipment washing
- Runoff or discharge from vehicle maintenance
- Groundwater cleanup activities by utility companies.
- Utility service construction activities
- Discharges by utility companies that are Dischargers and/or co-Dischargers under Urban Area-wide Storm Water Permits
- Discharges to a sanitary sewer
- Building or property cleaning
- Facilities with existing NPDES permits

#### 3.2 Pollution Prevention Wet Structures

Verizon procedures detailed in practice 122-622-001 are to be followed when pumping water trapped in manholes or other underground structures to the surface or to storm drainage systems.

Failures of Verizon employees, to follow the screening and pumping procedures of practice 122-622-001 are not only a breach of company policy it is a violation of state law.

In the unlikely event that a single discharge exceeds 50,000 gallons of water, immediately notify the Verizon Environment Management 800 phone number. Field crews are to use the rated capacity of the pump and duration of pumping to determine when more than 50,000 gallons of water have been pumped. Verizon Environment Management will notify the local agency with jurisdiction over any separate storm sewer system within 24 hours of discharges exceeding 50,000 gallons. This 24-hour notification is a requirement of the utility company general discharge permit.

### 3.2.1 Screening Prior to Water Removal

Screening procedures summarized here are detailed in practice 122-622-001. Verizon uses two methods of screening, first human sensory evaluation and the second waste water classifier strips. The strips are a product of J.V. Manufacturing Co. Inc. and distributed under the name SPILLYTER Wastewater Classifier.

The SPILLYTER Waste Classifier strips constitute the best available technology (BAT) economically achievable and best conventional pollutant control technology (BCT) to reduce pollutants and any more stringent controls necessary to meet water quality standards, as called for in the SWRCB Water Quality Order 2006-0008-DWQ. Their use also satisfies Sections 301 and 402 of the Clean Water Act. The current strip configuration tests for the presence or absence petroleum/ organic solvent risk, hydrogen sulfide risk, nitrite risk, nitrate risk, fluoride risk and acid/base risk in the water being tested.

If the manhole contains sediment, first it is assessed to determine if work can be performed without the need to remove it. There is no regulatory or corporate requirement to remove the sediment. If sediment is present and must be removed, Verizon Environment will be contacted and the sediment will be disposed of in a manner compliant with Title 27 of the California Code of Regulations. Policy is to avoid the deliberate pumping of water with high concentrations of un-dissolved solids into the storm water drainage system.

### 3.2.2 Water Fails Screening

**Fails due to non hazardous contaminants:**

Water that fails screening because of non-hazardous contaminants (sewage, trash, mud, silt or odor etc.) is to be handled by the workgroup. The Supervisor of the workgroup should be immediately contacted by the crew. The Supervisor will be responsible for the proper disposal through one of the following two approved methods.

- 1) A licensed sanitary waste disposal company can be used to pump out the manhole and dispose of the waste to sanitary sewer system; or
- 2) Pump the contaminated water into a properly labeled temporary storage container while work is completed and then, immediately after completing the job, return the dirty water to the underground structure that it came from.

**Fails screening due to contamination with hazardous contaminants:**

Water that fails screening because of hazardous contaminants such as petroleum products, unknown illegally dumped materials, lead, high or low pH etc., triggers an immediate telephone call to the Environment Management 800 phone. Environment Management will be responsible for arranging disposal of the polluted water using one of the appropriate approaches listed.

- 1) A licensed hazardous waste hauler will be contacted and arrangements made to manifest the contaminated water to an approved disposal site; or
- 2) Hire a licensed operator of a portable water treatment system with a current NPDES permit with the Regional Water Quality Control Board having jurisdiction. The contractor will then set up equipment at the site of the manhole and treat the water before discharge under the contractor's permit.

**3.3 Pollution Prevention Procedures "Dry" Vaults and Structures**

These procedures apply to any structure with an automatic or manually actuated sump pump that discharges water to the surface; except for the listed exclusions (refer to section 3.1 for exclusions). Locations that discharge to sanitary or industrial sewer systems are exempt from the permit requirements.

A representative sample of environmentally controlled vault discharges will be included in the Utility Vault Monitoring Plan devised for Verizon. These sampling results will be used as a screening tool to determine the range of concentrations of contaminants, if any, being discharged by these automatic sump pumps.

## 4. Potential Pollutant Sources

### 4.1 Possible Pollution Sources

The majority of the dry structures are located within the public domain. They are manholes located in the roadways, inside parking lots, in parking mediums, and wherever practicable for the efficient daily operations of telecommunication service. As such, they are subject to the general environmental conditions present in their immediate vicinity. As such, those located within the public domain are screened very carefully before purging.

Dry structures and those wet structures located within Verizon facilities could become subject to spills from materials kept onsite. All materials kept onsite are kept and maintained in accordance with all local, state and federal requirements. A general list of those materials is shown below and an example of a Hazardous Materials Annual Inventory for a representative site is given in Appendix A. There have been no significant spills or leaks that have occurred within the past three years.

Vault Location or Type	Significant Potential Source
Wet or Dry	Diesel Fuel No. 2
Dry	Lead Acid Batteries
Dry	Lead Calcium Batteries
Wet	Standard Environmental Risk Associated with Roadways and Areas in the Public Domain

### 4.2 Measures and Controls

Every effort is made to insure that internal procedures and training maintain a high level of environmental awareness. Every facility maintains appropriate records, practices spill prevention and runoff measures and is a guardian of effective housekeeping procedures that are appropriate to their individual facility. Internal procedures include but are limited to:

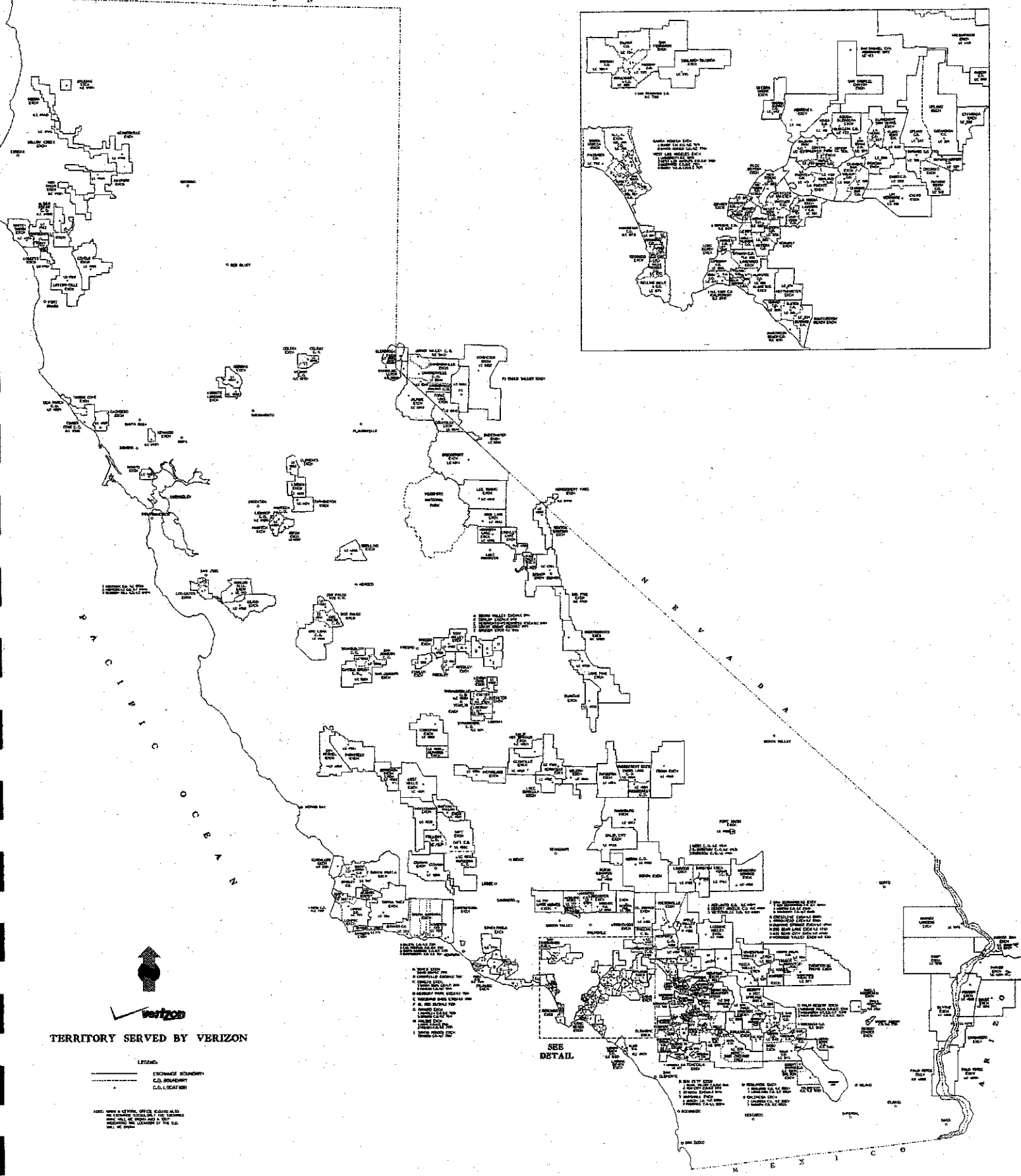


1. Use good housekeeping to reduce the amount of waste stored at a site. Return unopened containers to the manufacturer whenever possible.
2. Try to reduce the amount of waste created through careful handling of materials and efficiently using products. Recycle and reuse products whenever possible.
3. Make sure any drum that contains hazardous waste is clearly labeled, kept closed, and is not leaking. Inspect drums on a weekly basis and document the inspection.
4. Make sure that any wastes requiring special handling are identified, and that everyone working in the area knows how to manage them. This applies to any chemicals, degreasers and petroleum products.
5. Never mix wastes.
6. If you need advice on disposing of any solid waste, contact your regional Environmental Affairs staff member or call the Safety, Health and Environmental (SH&E) Hotline on 1-800-386-9639, option 2.
7. If you need to dispose of a hazardous waste, or something that you think may be hazardous or regulated, call Verizon's 24-Hour SH&E Hotline at: 1-800-386-9639, option 2.
8. Don't bring household hazardous wastes from home into your workplace.

A copy of internal procedures for Hazardous and Solid Waste (Document 8211) and Manhole Water and Sediment Removal ( Document 8517) are included in Appendix B.

Figure 1

Map of VERIZON Operating Territories



TERRITORY SERVED BY VERIZON

LEGEND

- EXCHANGE BOUNDARY
- - - C.D. BOUNDARY
- C.D. LOCATION

NOTE: THIS SERVICE OFFICE MAP IS FOR GENERAL INFORMATION ONLY. IT DOES NOT CONSTITUTE A CONTRACT OF THE C.D. OR A SERVICE OFFER.

**Figure 2**  
**Drainage Maps**

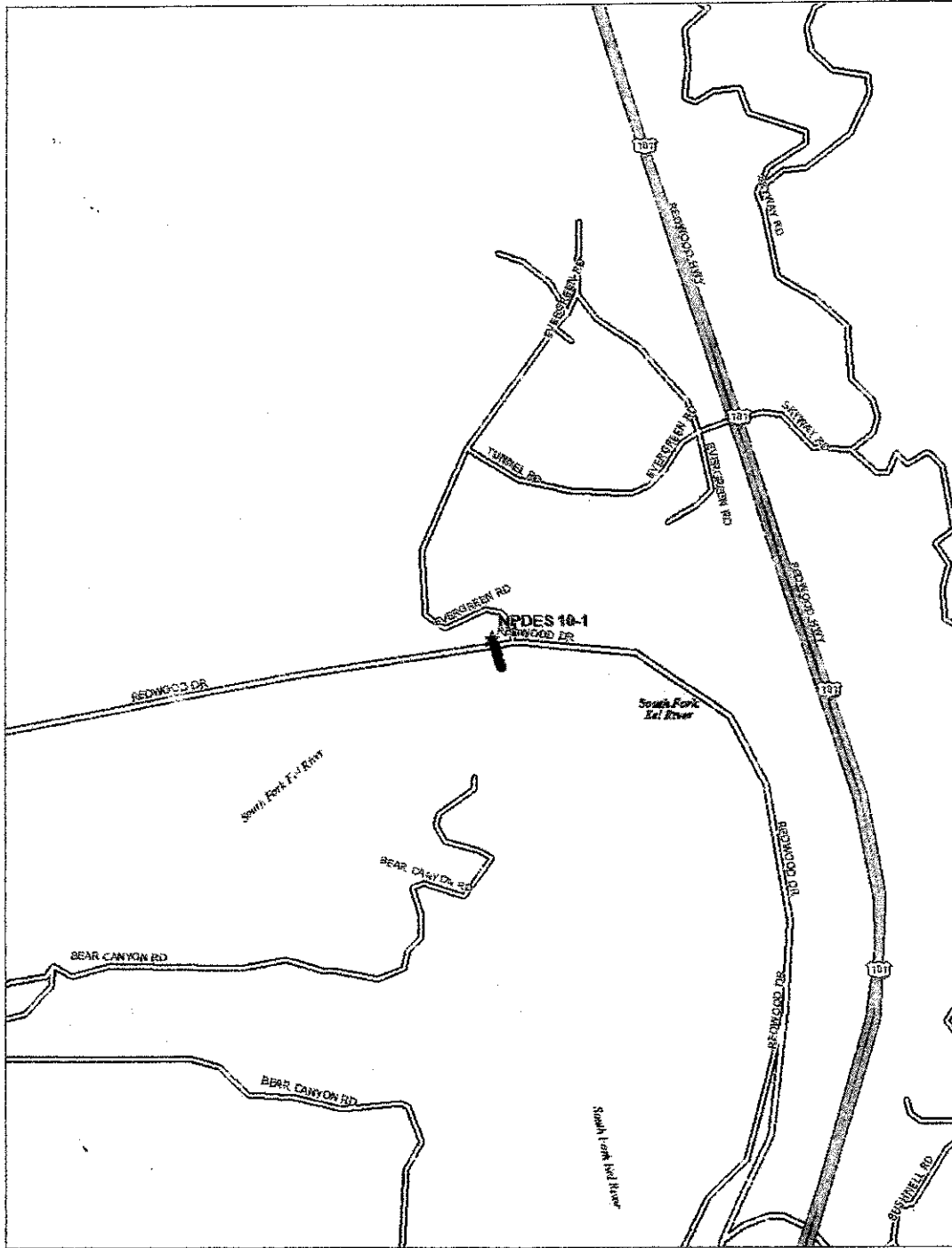
**MAP NOTE:**

All Maps indicate if the runoff is handled via municipal storm systems or surface water however, in every case the runoff is tracked from the nearest surface water source to its final destination. Red lines are used to indicate the runoff from purge location to the nearest surface water source, if one exists.

# Sample Drainage Map

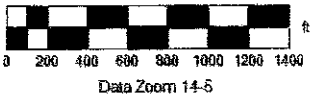
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to South Fork of the Eel River, flowing into the Van Arsdale Reservoir.

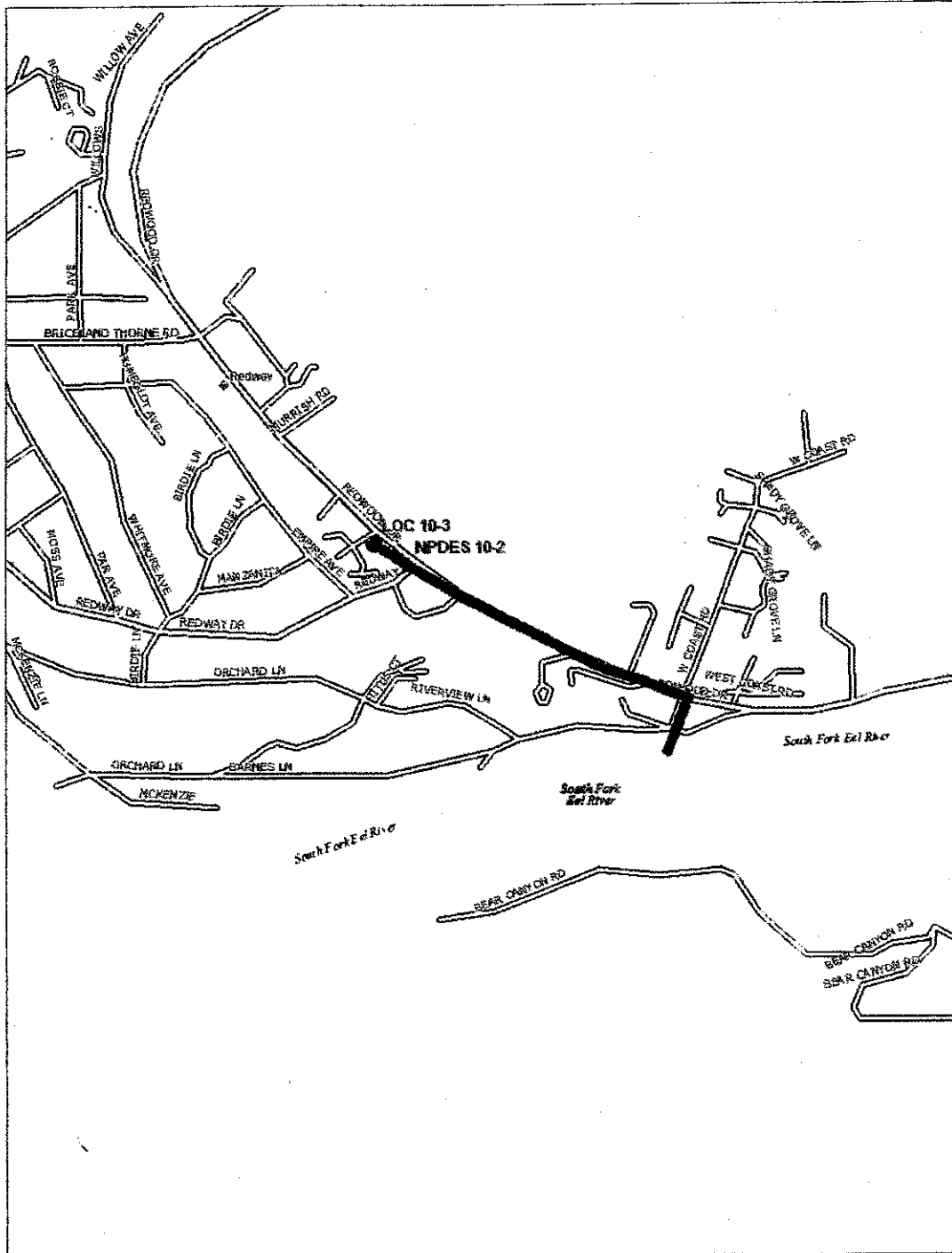


**Region:** North Coast Region (1)  
**Location:** NPDES 10-1  
 As Part of 2006 Case Study

# Sample Drainage Map

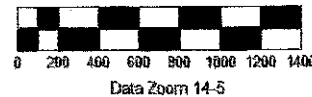
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via street gutters to South Fork of the Eel River; flowing into the Van Arsdale Reservoir.

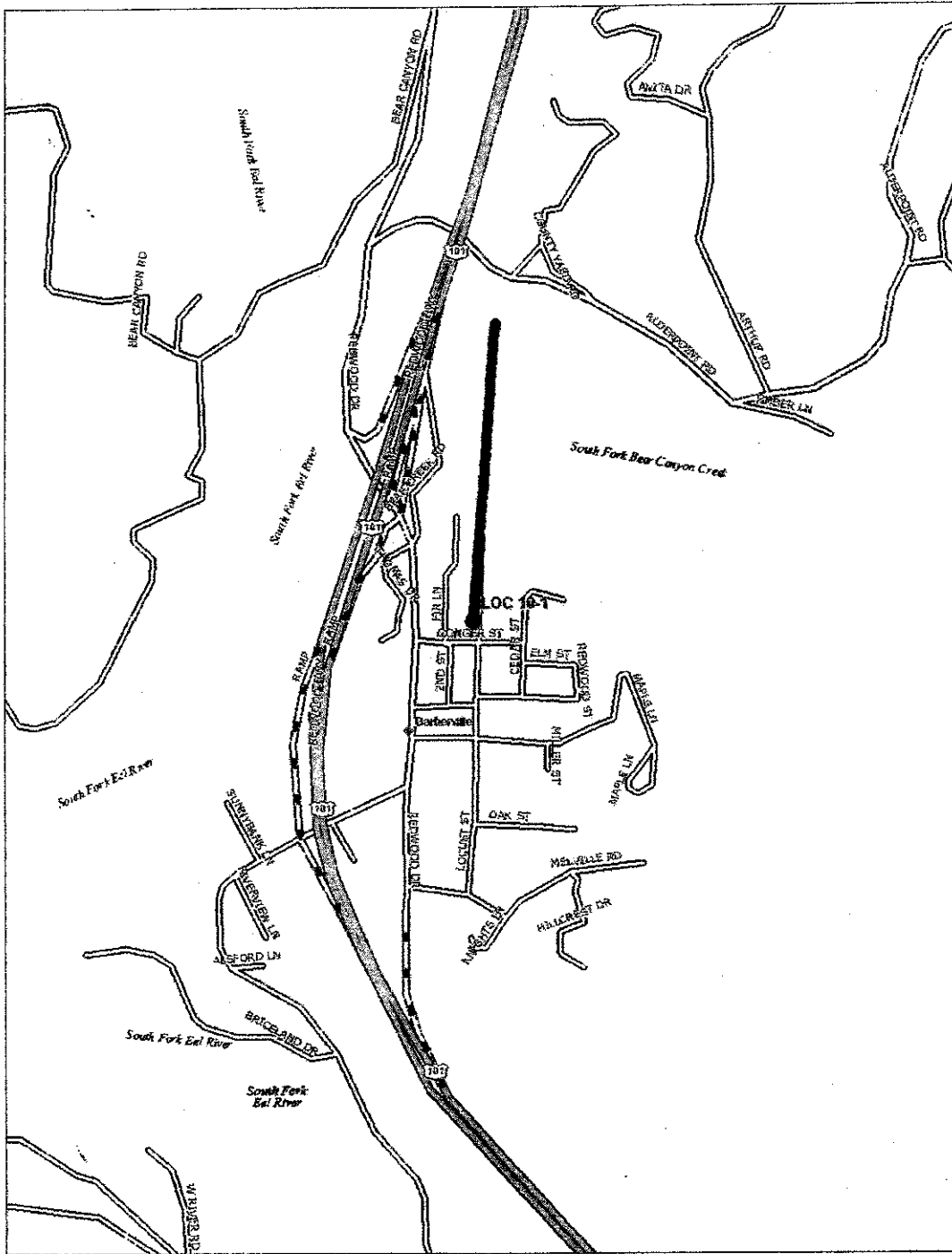


**Region:** North Coast Region (1)  
**Location:** NPDES 10-2 and LOC 10-3  
**As Part of 2006 Case Study**

# Sample Drainage Map

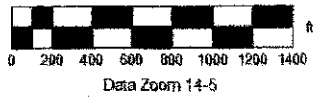
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to the South Fork of Bear Canyon Creek, then to South Fork of the Eel River; then flowing into the Van Arsdale Reservoir.



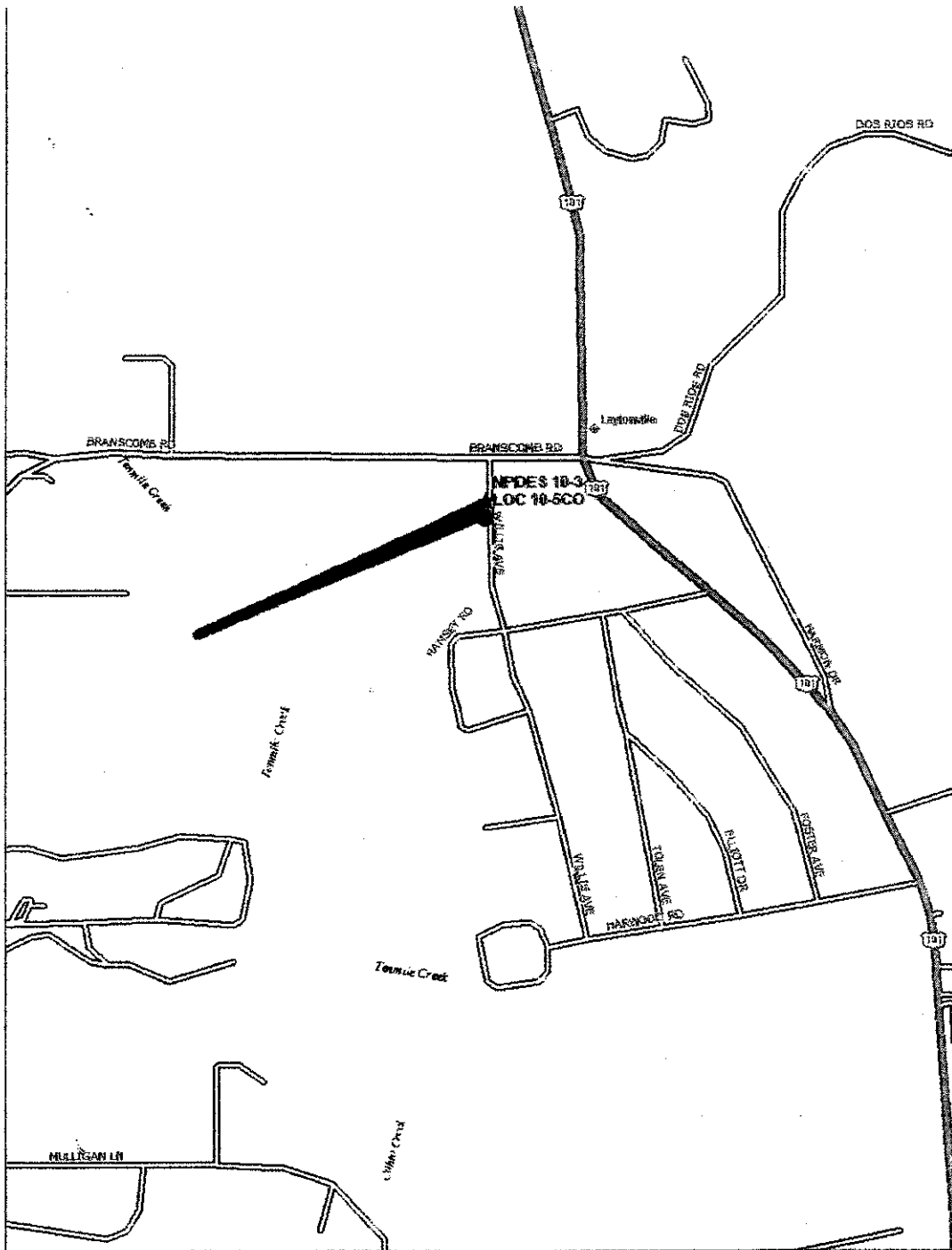
**Region:** North Coast Region (1)  
**Location:** LOC 10-1  
**As Part of** 2006 Case Study



# Sample Drainage Map

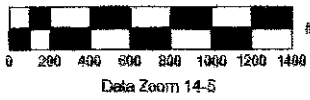
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to Ten Mile Creek, then to South Fork of the Eel River; then flowing into the Van Arsdale Reservoir.

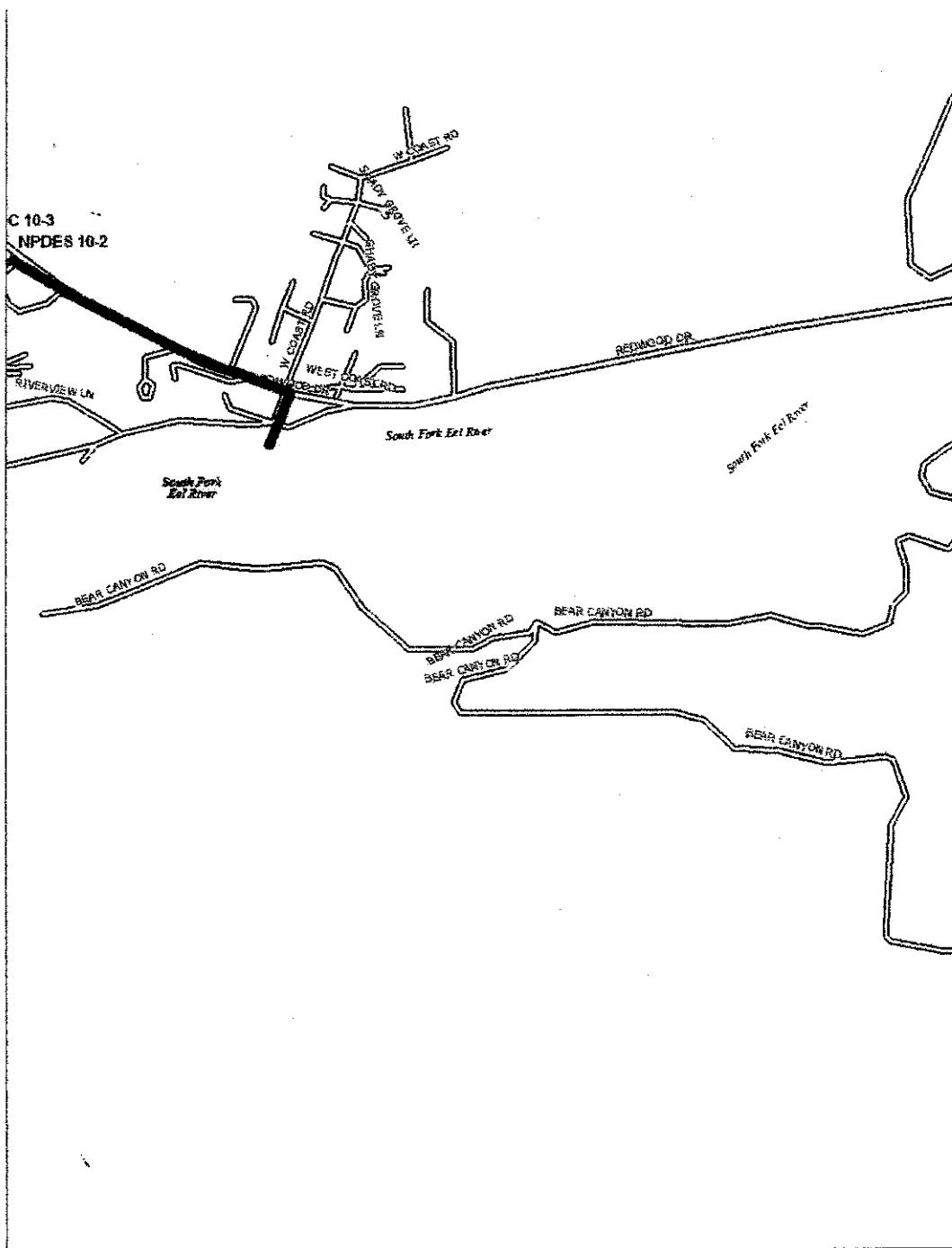


**Region:** North Coast Region (1)  
**Location:** NPDES 10-3 and LOC 10-5CO  
**As Part of 2006 Case Study**

# Sample Drainage Map

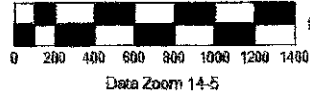
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to South Fork of the Eel River; then flowing into the Van Arsdale Reservoir.



**Region:** North Coast Region (1)  
**Location:** NPDES 10-2  
**As Part of** 2006 Case Study

# Sample Drainage Map

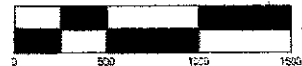
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff into municipal storm drains. Closest surface water would be Ross Creek, which would run south by southwest into the Lexington Reservoir.



Data Zoom 14-4

**Region:** San Francisco Bay Region (2)  
**Location:** LOC 7-6  
**As Part of** 2006 Case Study

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff into municipal storm drains. Closest surface water would be Smith Creek, which flows until it is truncated at Daves Avenue, where presumably it is diverted via a municipal system into Vasona Reservoir.



Data Zoom: 14-5

**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-4**  
**As Part of 2006 Case Study**

# Sample Drainage Map

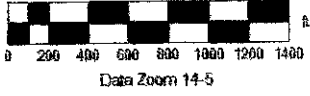
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff into municipal storm drains. Closest surface water would be Los Gatos Creek, which flows to the Vasona Reservoir.

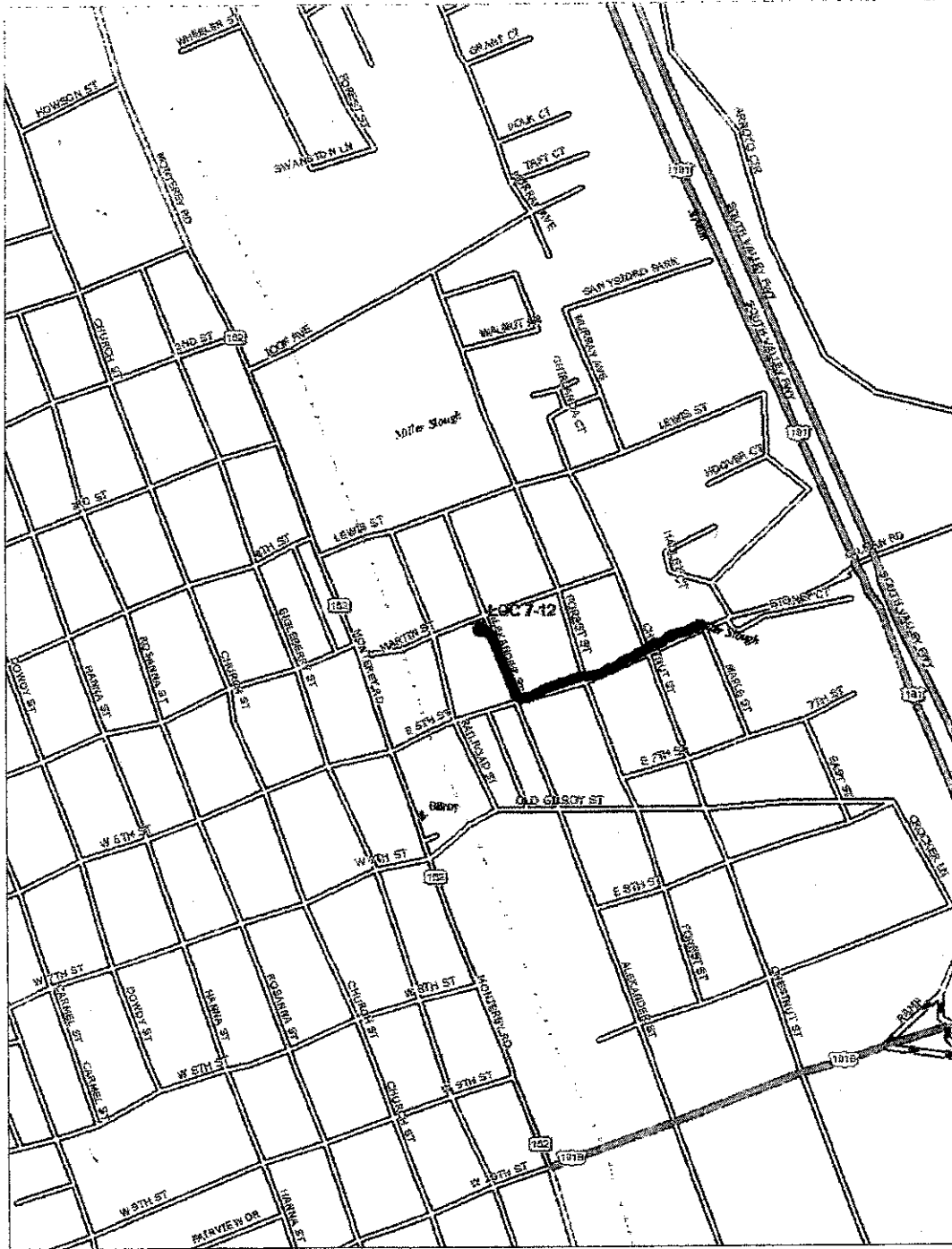


**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-3**  
**As Part of 2006 Case Study**

# Sample Drainage Map

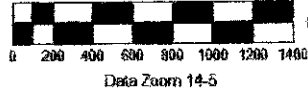
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff into municipal storm drains. Closest surface water would be the Miller Slough which runs south by southeast into Llagas Creek.

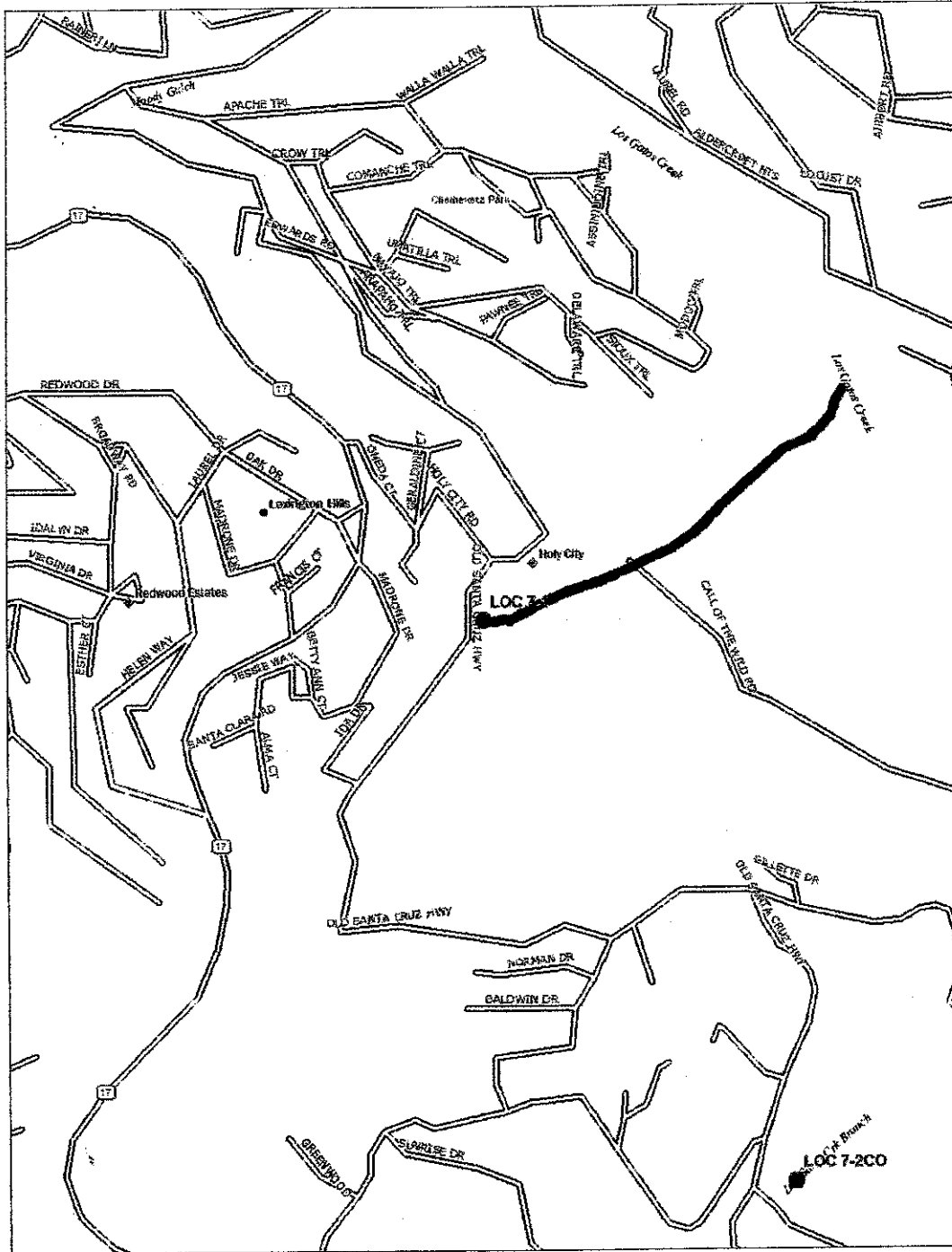


**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-12**  
**As Part of 2006 Case Study**

# Sample Drainage Map

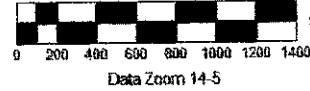
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via roadway gutters and down the hillside, filtering into Los Gatos Creek, then flowing into the Lexington Reservoir.

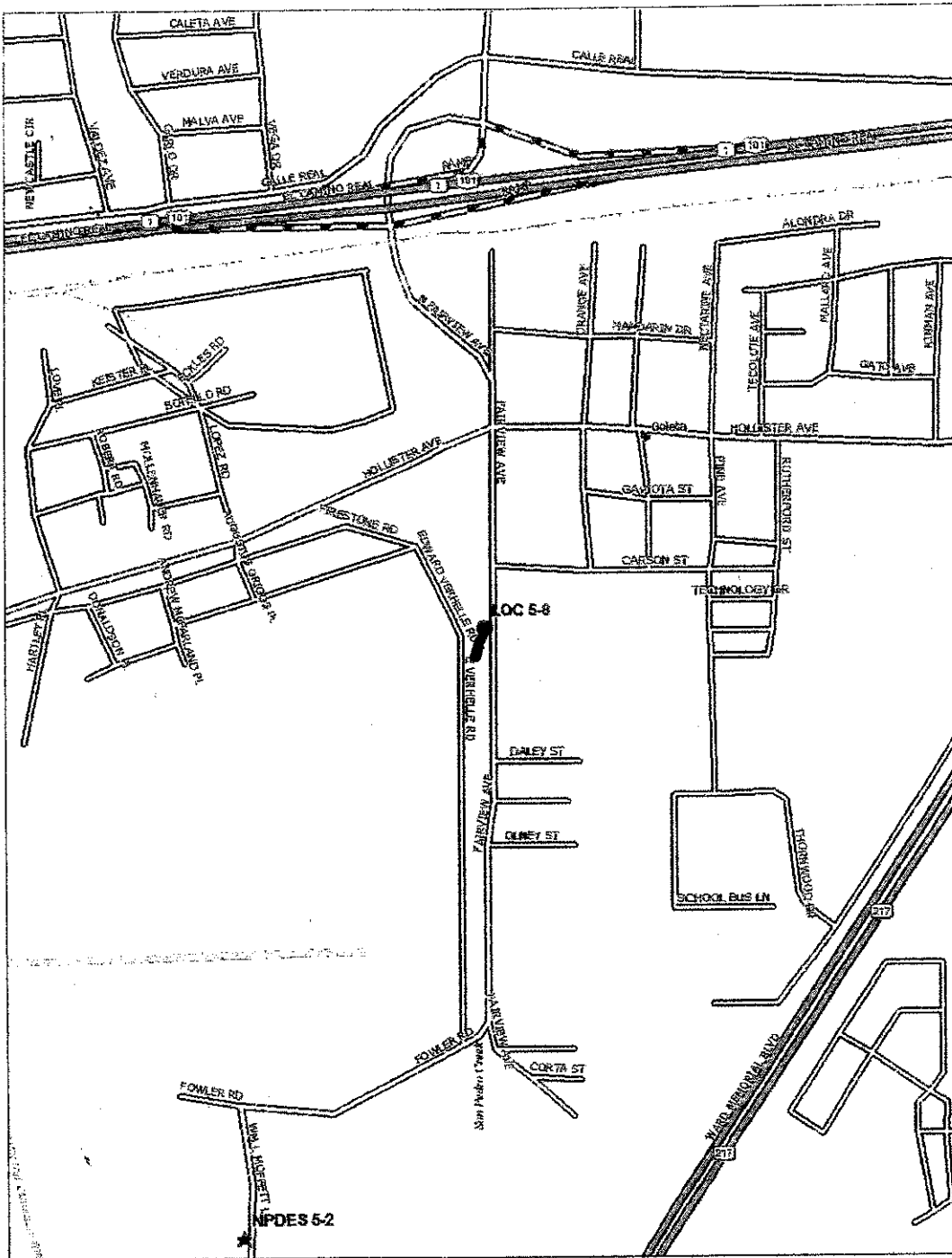


**Region: San Francisco Bay Region (2)**  
**Location: LOC 7-1**  
**As Part of 2006 Case Study**

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the San Pedro Creek which flows into the Pacific Ocean.



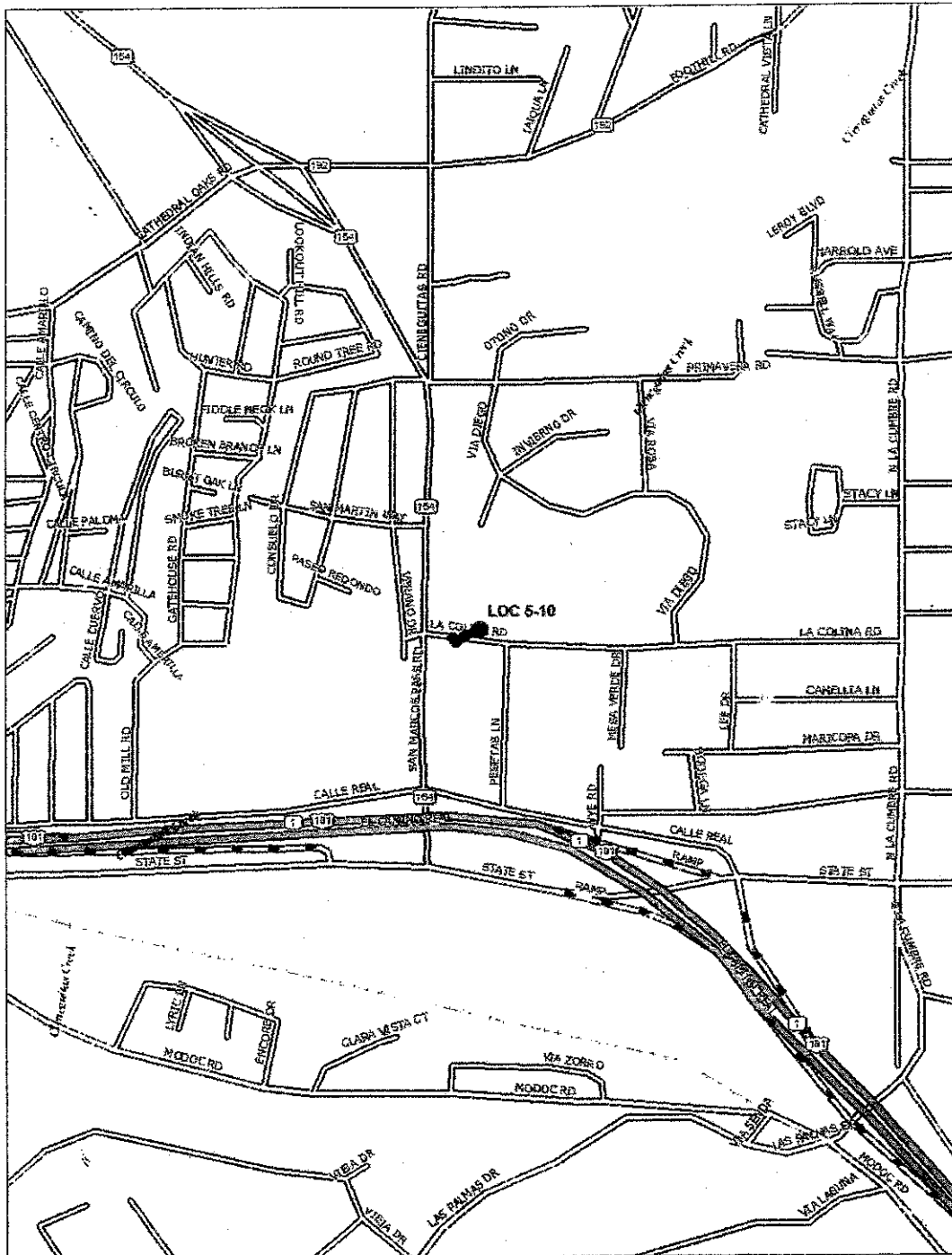
**Region: Central Coast Region (3)**  
**Location: LOC 5-8**  
**As Part of 2006 Case Study**



# Sample Drainage Map

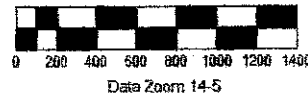
## Verizon California

### Samples and Coordinates from 2006 Case Study



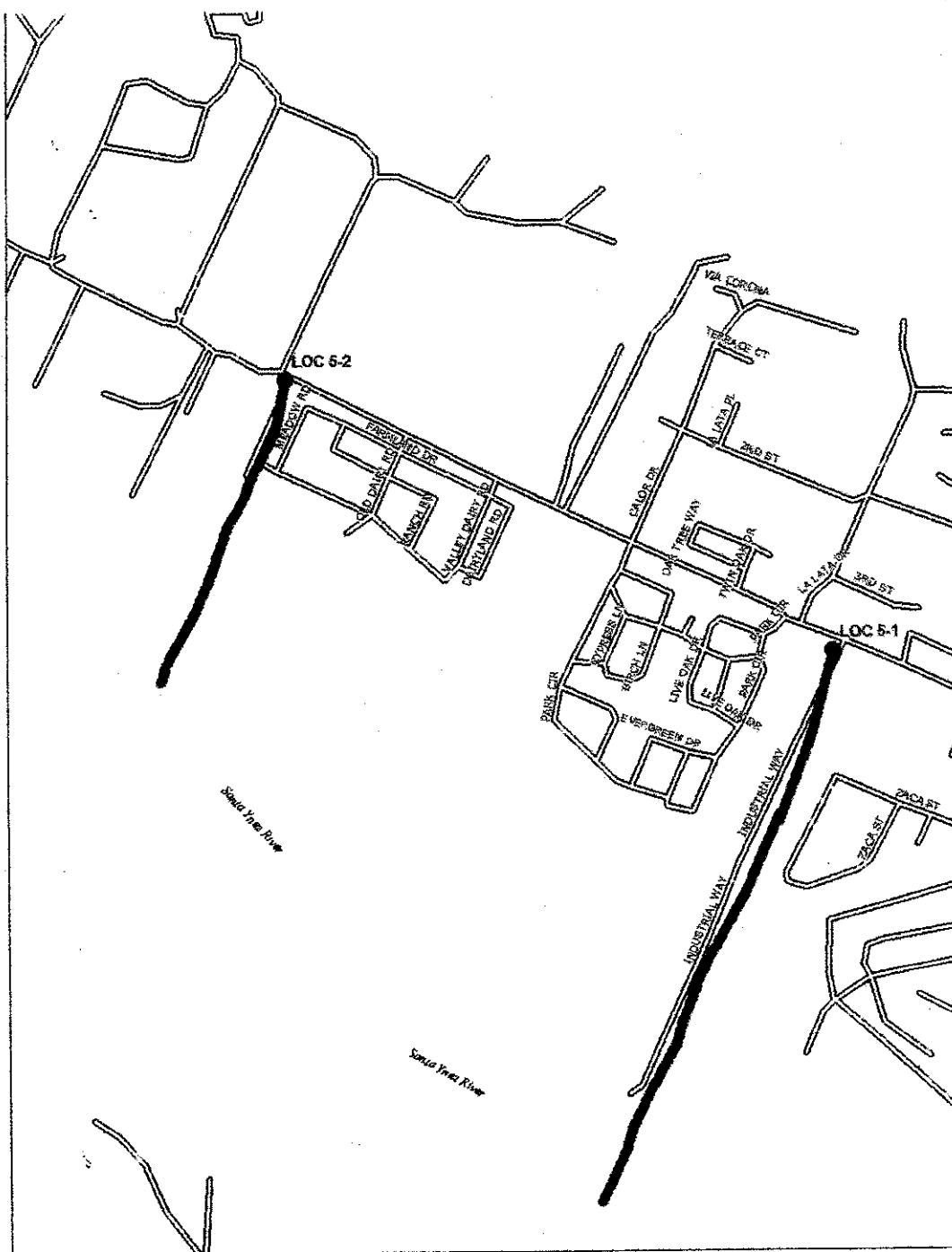
#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Cieneguitas Creek, which flows south by southwest into the Atascadero Creek, which then flows into the open waters of the Goleta Slough and then into the Pacific Ocean.



**Region: Central Coast Region (3)**  
**Location: LOC 5-10**  
**As Part of 2006 Case Study**

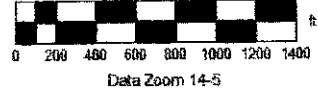
Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



Data use subject to license.

**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Santa Ynez River, which flows in a generally westward direction into the Pacific Ocean.

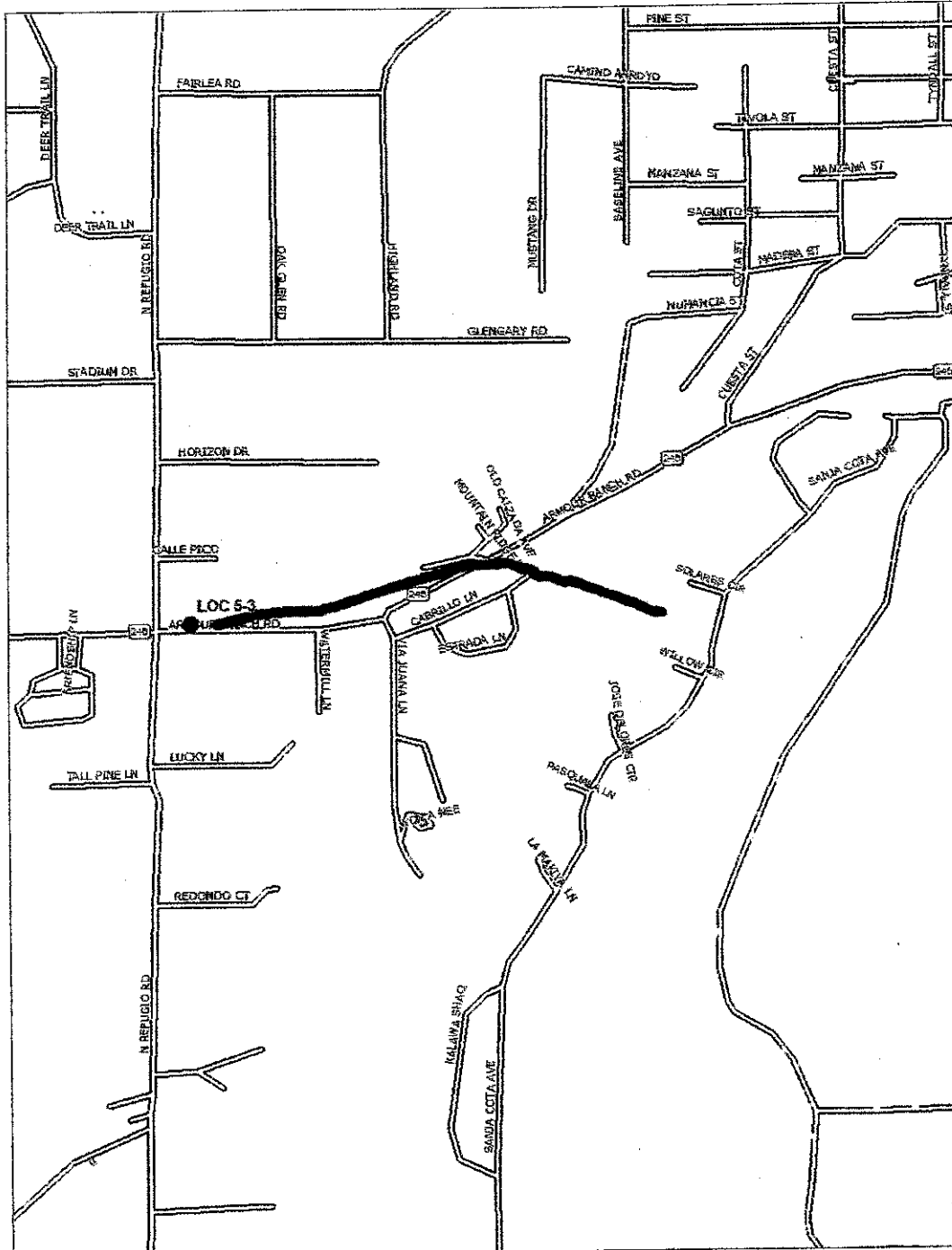


**Region: Central Coast Region (3)**  
**Location: LOC 5-1 and LOC 5-2**  
**As Part of 2006 Case Study**

# Sample Drainage Map

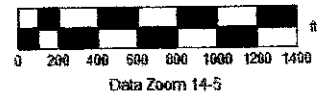
## Verizon California

### Samples and Coordinates from 2006 Case Study



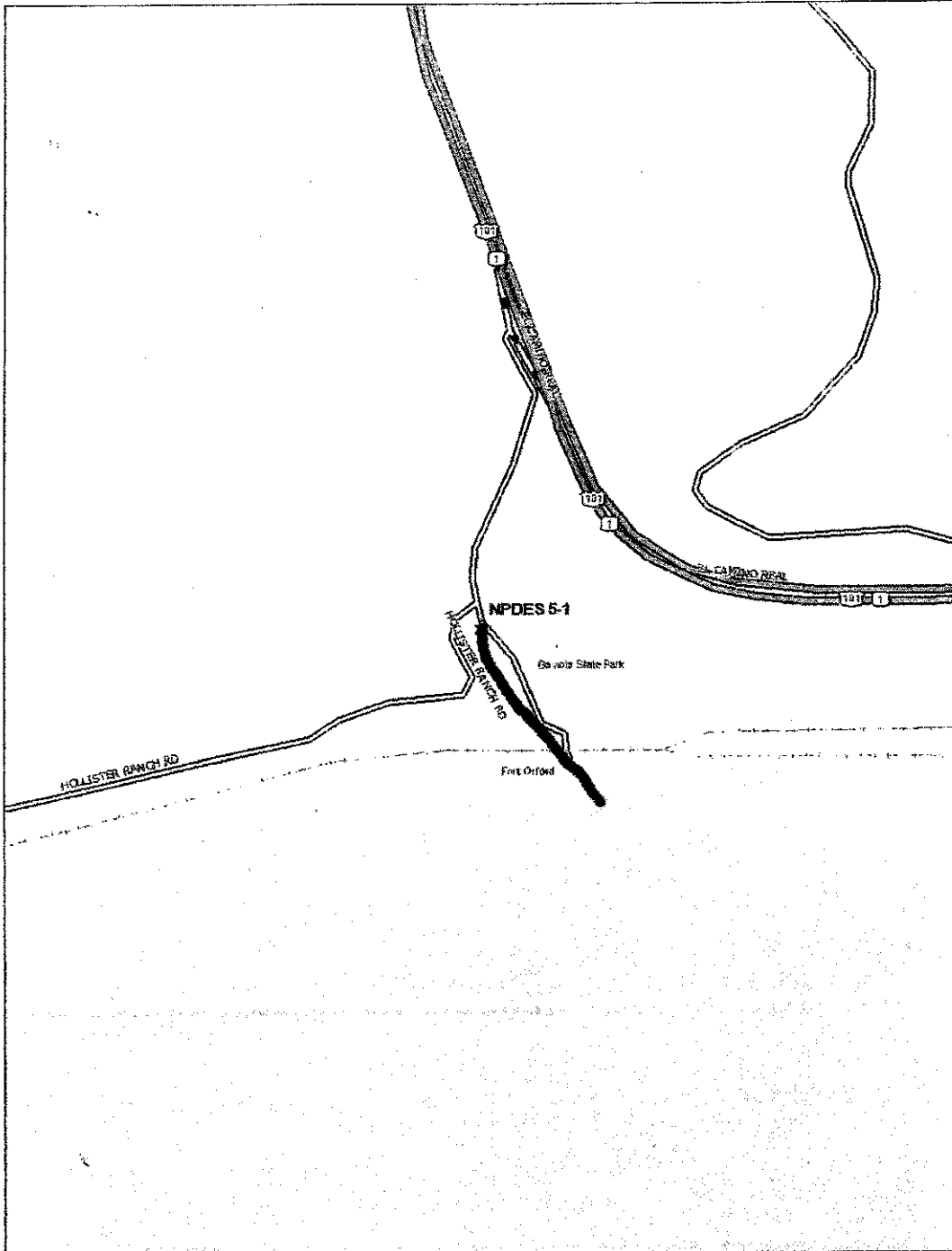
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is a perennial stream which flows into the Santa Ynez River, which flows in a generally westward direction into the Pacific Ocean.



**Region: Central Coast Region (3)**  
**Location: LOC 5-3**  
**As Part of 2006 Case Study**

Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



**Essential Features of  
Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Pacific Ocean.

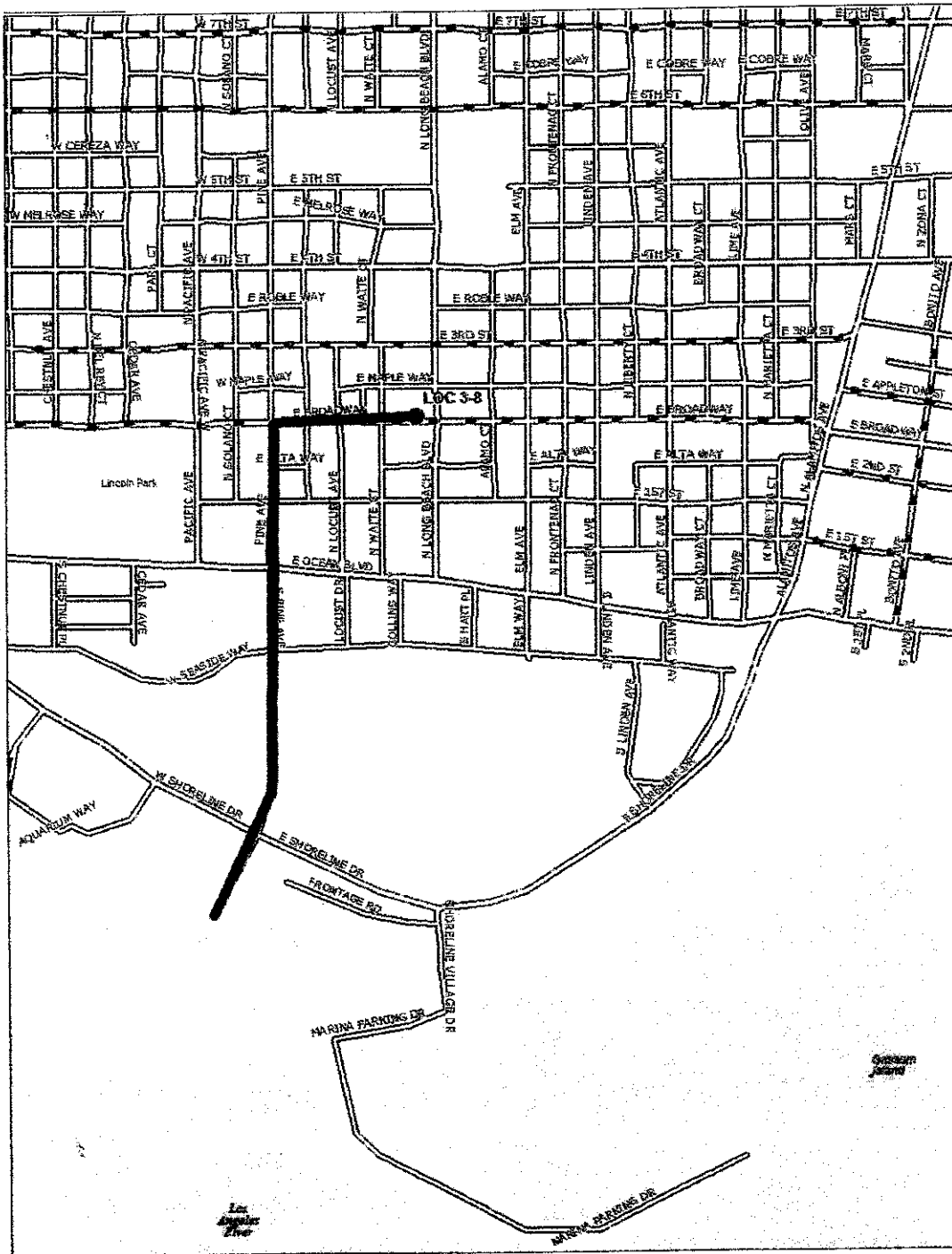


Region: Central Coast Region (3)  
Location: NPDES 5-1  
As Part of 2006 Case Study

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Los Angeles River, which flows into the Pacific Ocean..

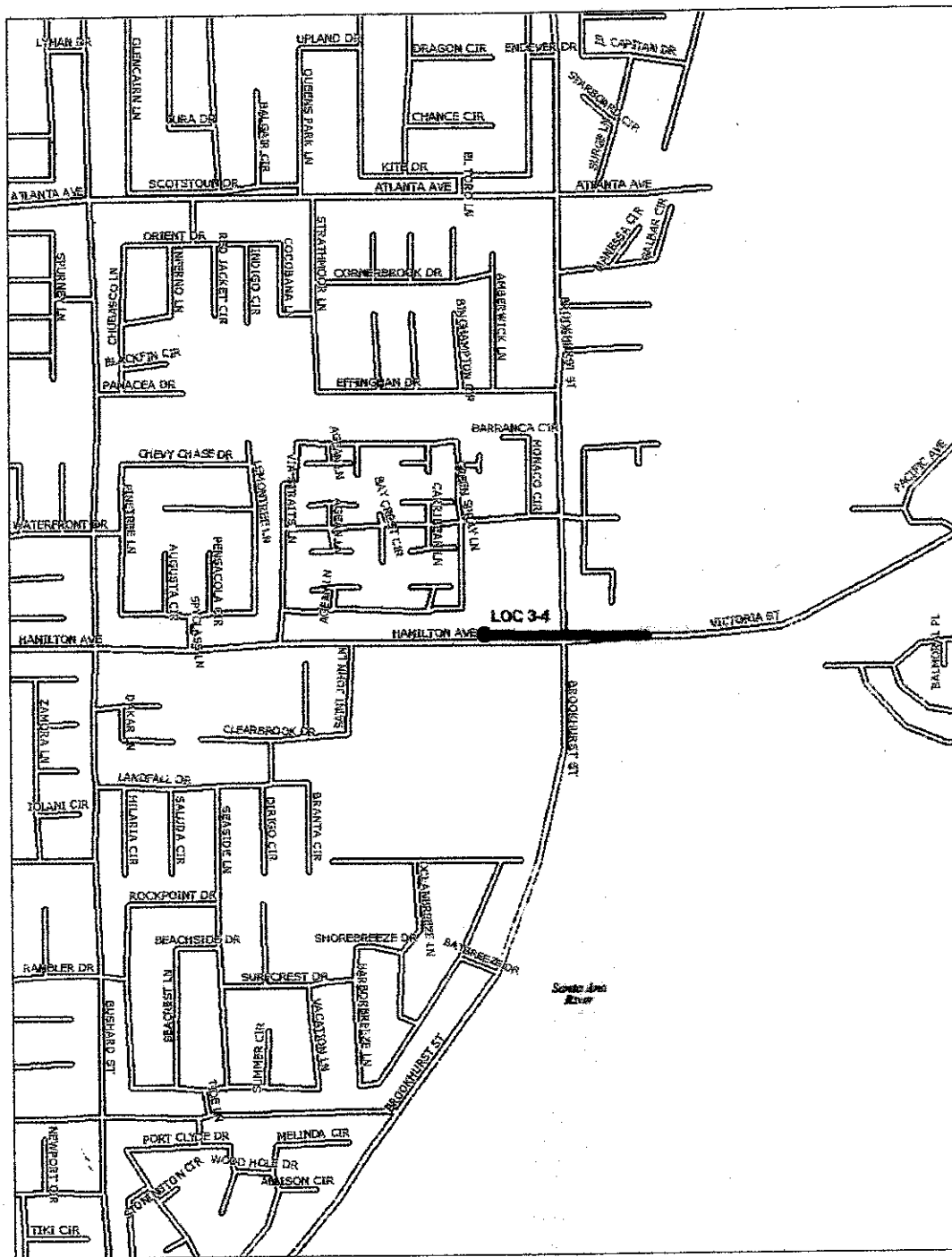


**Region: Los Angeles Region (4)**  
**Location: LOC 3-8**  
**As Part of 2006 Case Study**

# Sample Drainage Map

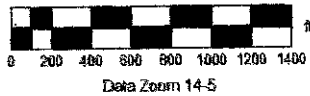
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is Santa Ana River, which flows into the Pacific Ocean..

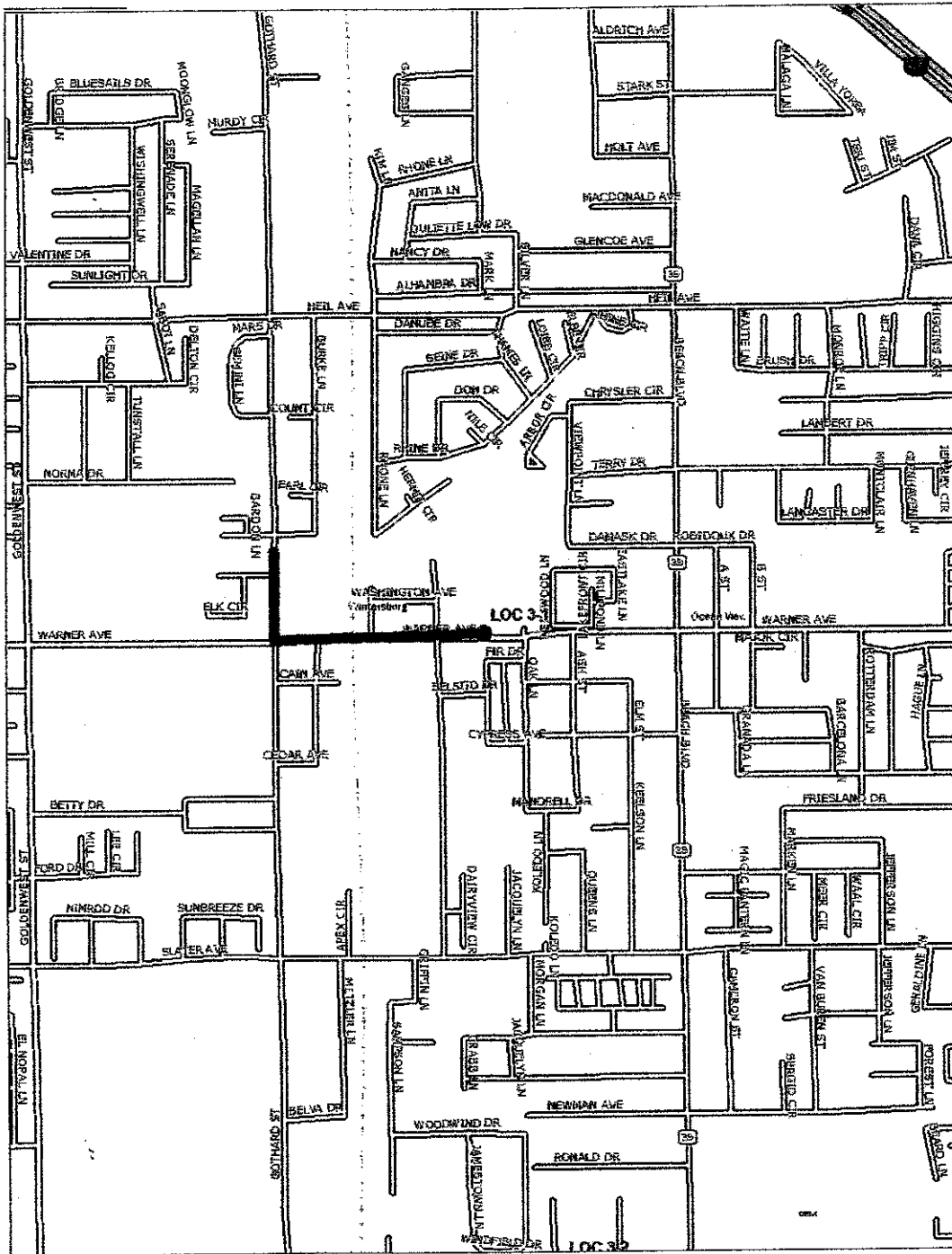


**Region: Los Angeles Region (4)**  
**Location: LOC 3-4**  
**As Part of 2006 Case Study**

# Sample Drainage Map

## Verizon California

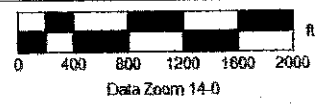
### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

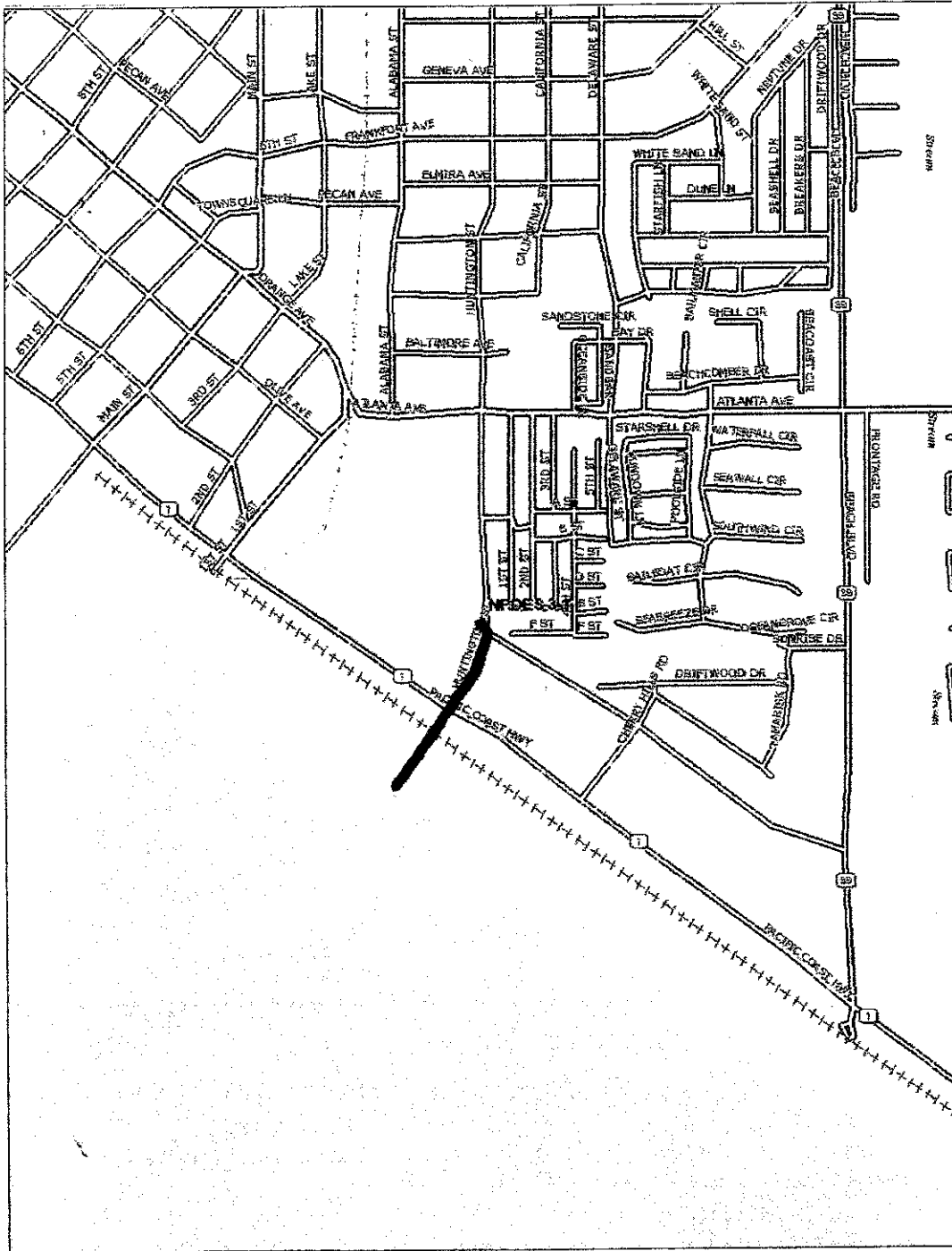
Runoff via the municipal storm water system. Nearest surface water is a flood control channel, which flows in a west by southwest direction into Bolsa Bay and then into the Pacific Ocean.

MN (12 9° E)



**Region: Los Angeles Region (4)**  
**Location: LOC 3-1**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

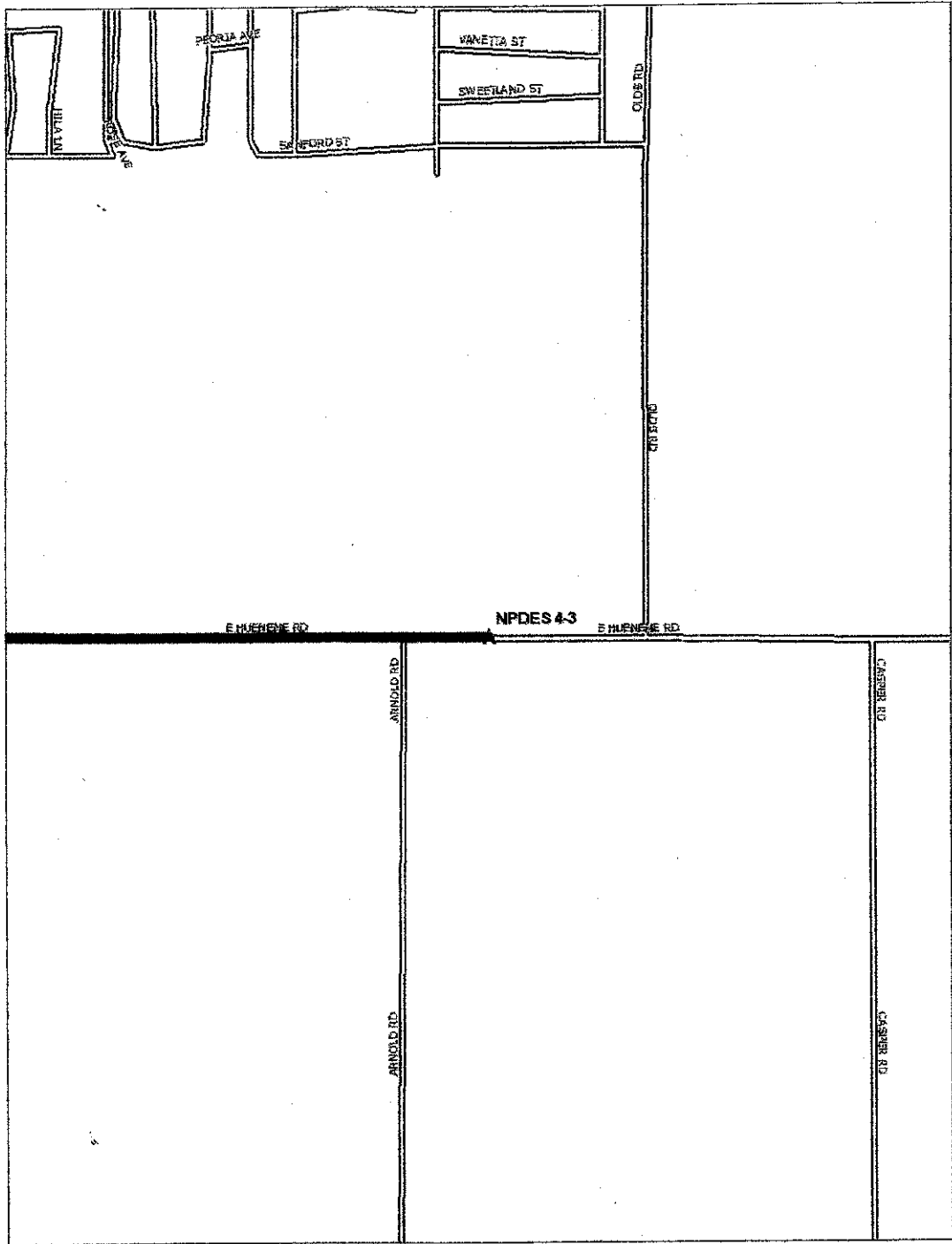
Runoff via the municipal storm water system. Nearest surface water is the Pacific Ocean.



**Region: Los Angeles Region (4)**  
**Location: NPDES 3-1**  
**As Part of 2006 Case Study**

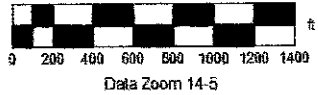


# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Pacific Ocean.

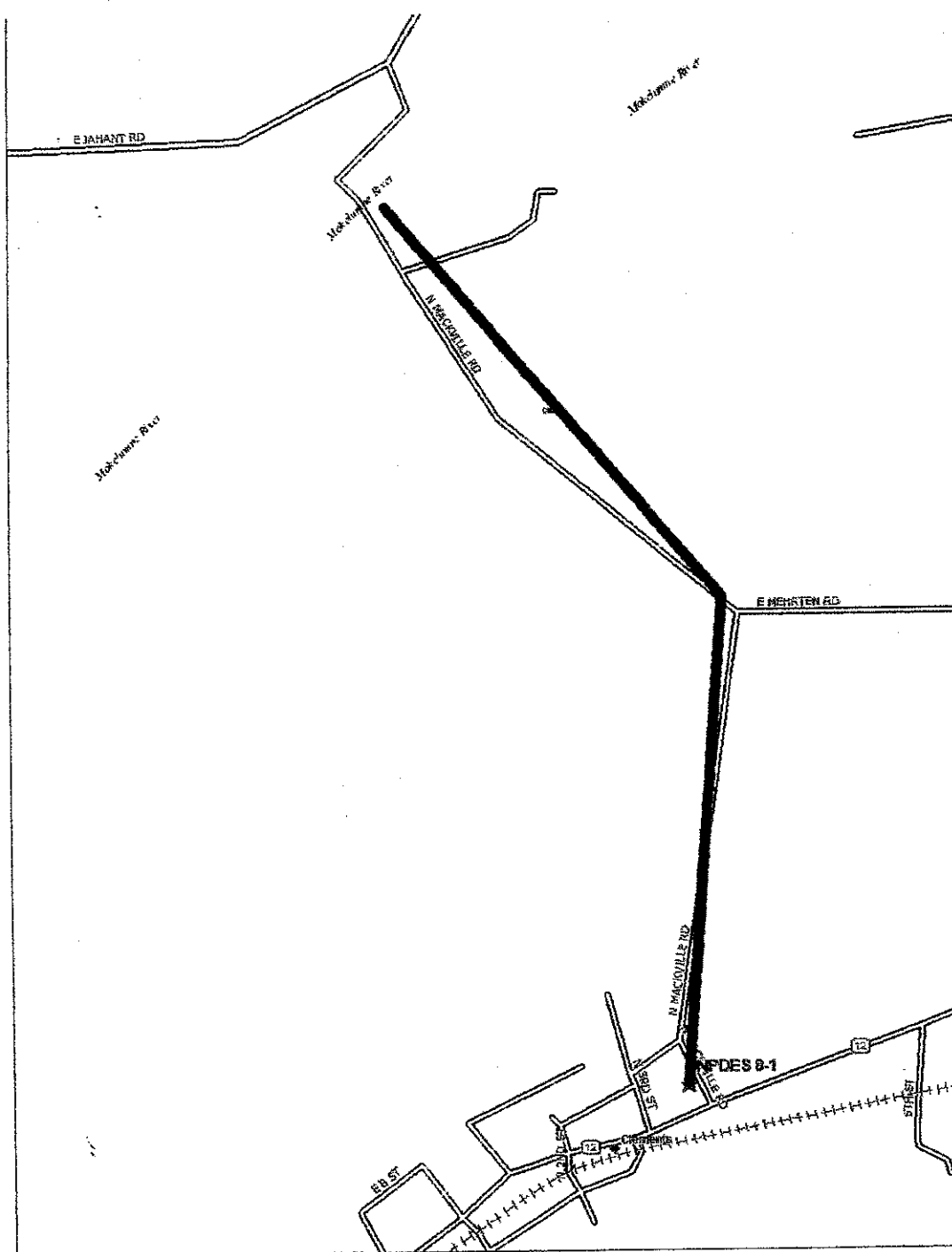


**Region: Los Angeles Region (4)**  
**Location: LOC 4-3**  
**As Part of 2006 Case Study**

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



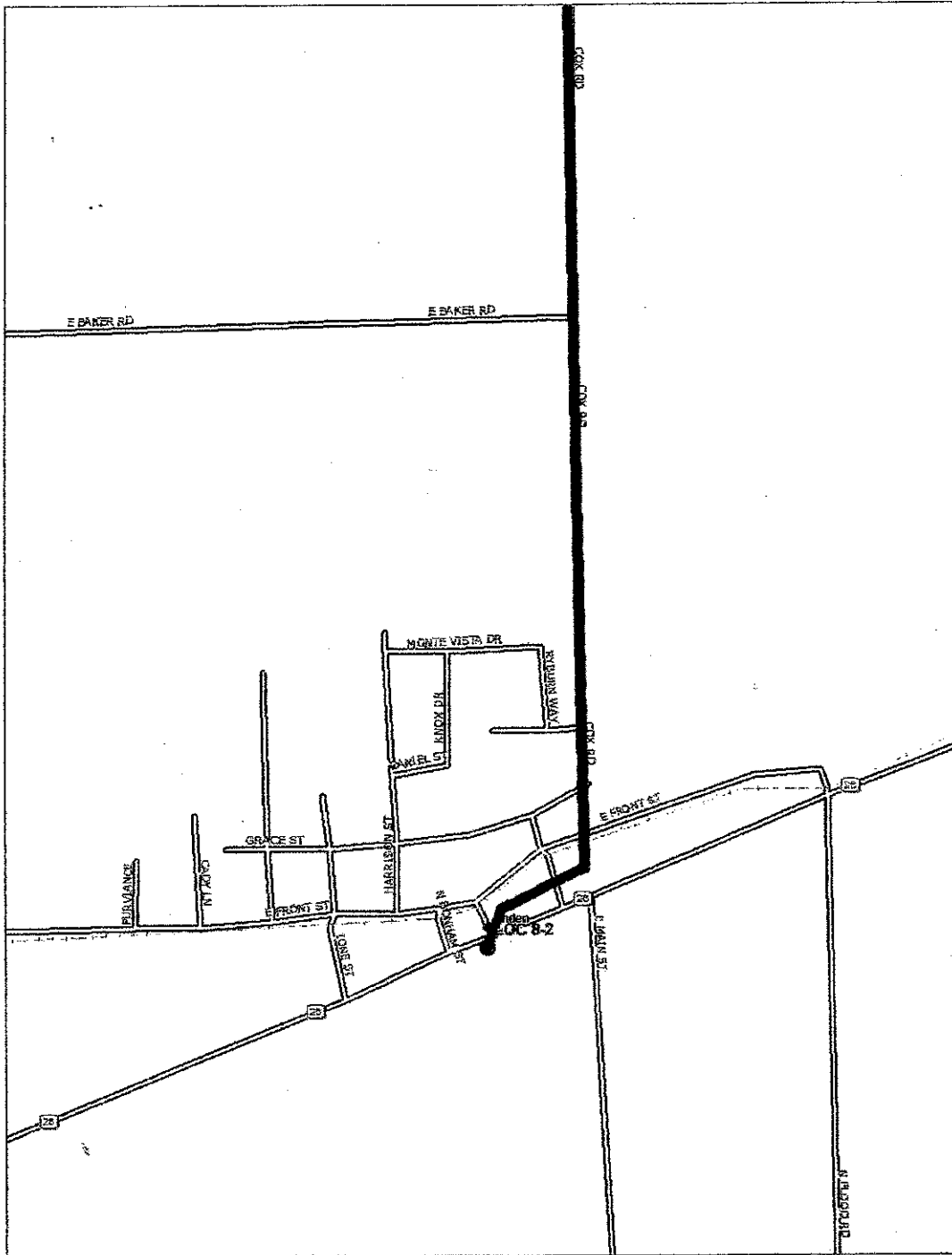
#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Mokelumne River which then flows into the Comanche Reservoir.



**Region: Central Valley Region (5)**  
**Location: NPDES 8-1**  
**As Part of 2006 Case Study**

Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Calaveras River, which flows west to the San Joaquin River, which then flows into the Suisin Bay and then into the Pacific Ocean.

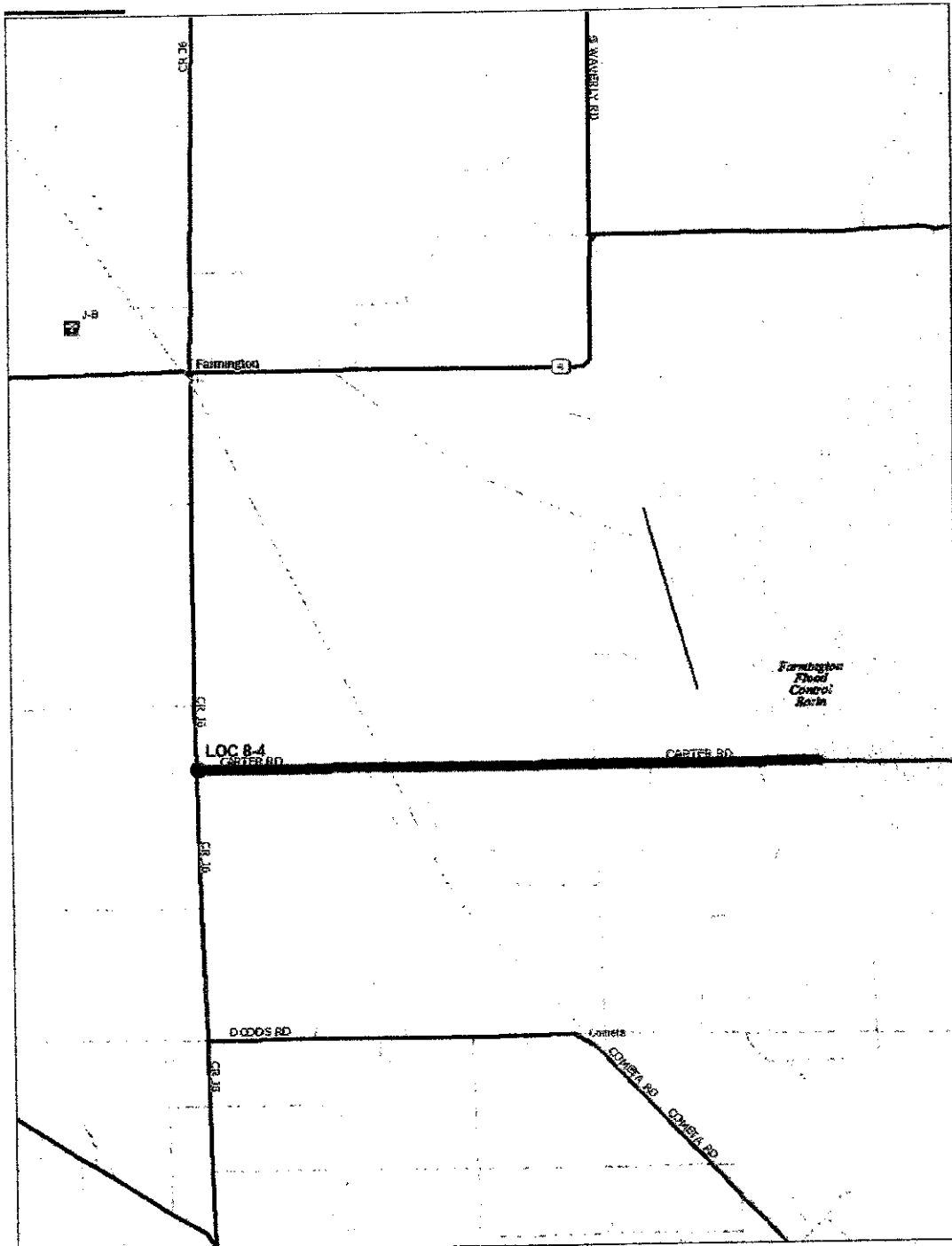


**Region: Central Valley Region (5)**  
**Location: LOC 8-2**  
**As Part of 2006 Case Study**

# Sample Drainage Map

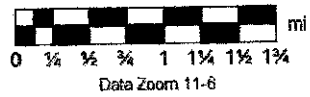
## Verizon California

### Samples and Coordinates from 2006 Case Study



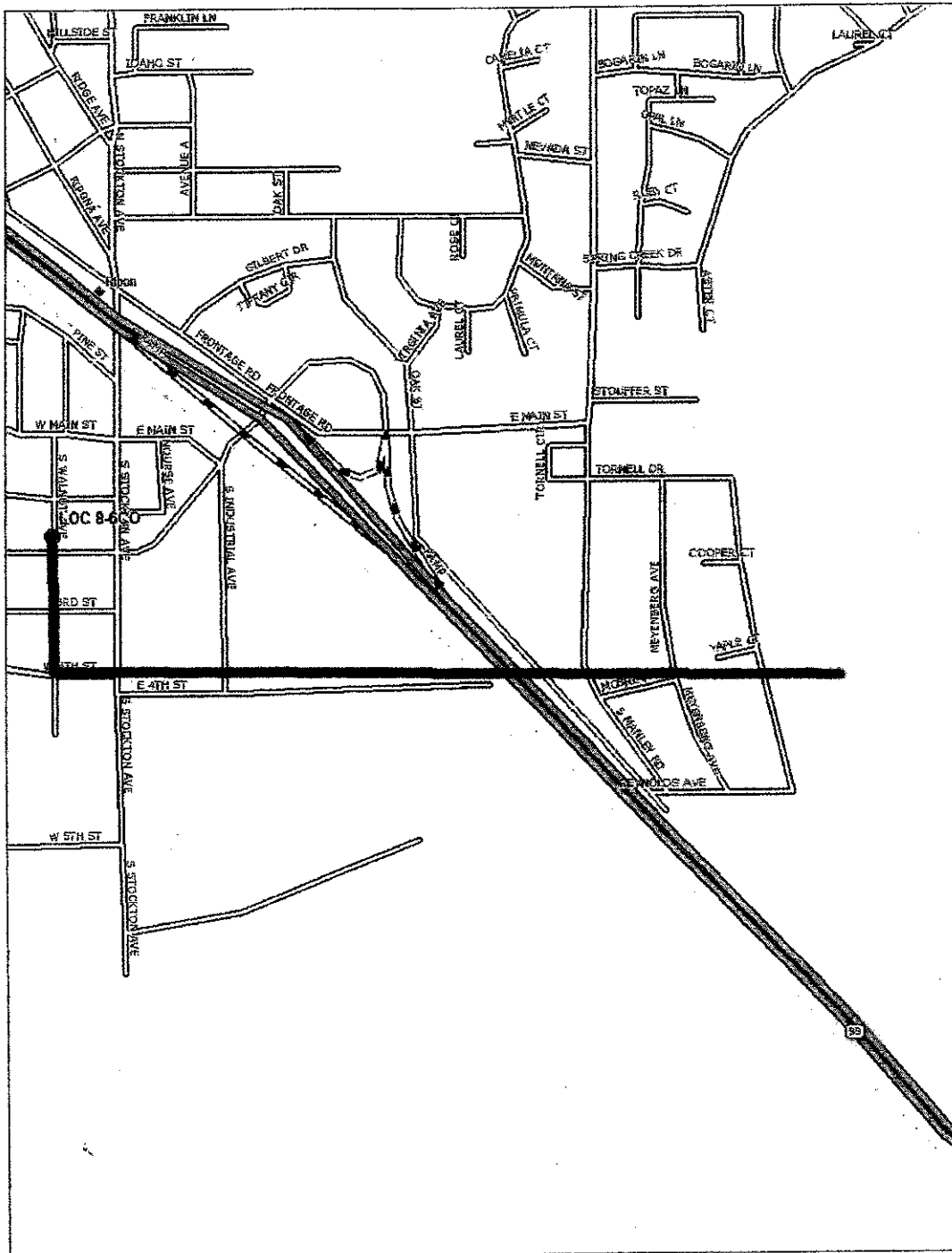
**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Fairington Flood Control Basin.



**Region: Central Valley Region (5)**  
**Location: LOC 8-4**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisin Bay and then into the Pacific Ocean.

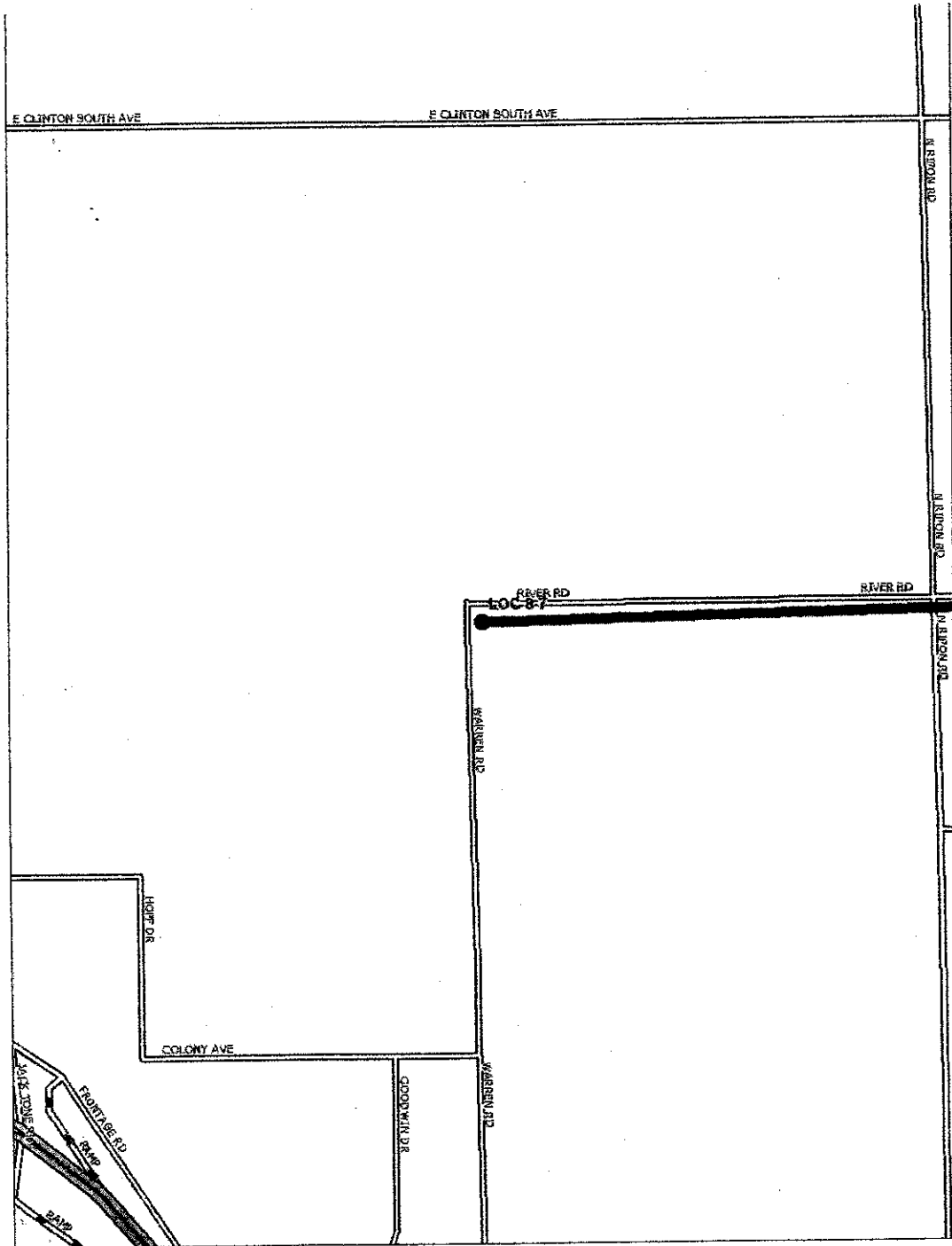


**Region: Central Valley Region (5)  
Location: LOC 8-6CO  
As Part of 2006 Case Study**

# Sample Drainage Map

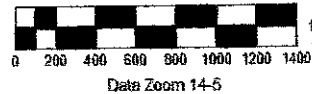
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via the municipal storm water system. Nearest surface water is the Stanislaus River, which flows into the San Joaquin River, into the Suisun Bay and then into the Pacific Ocean.

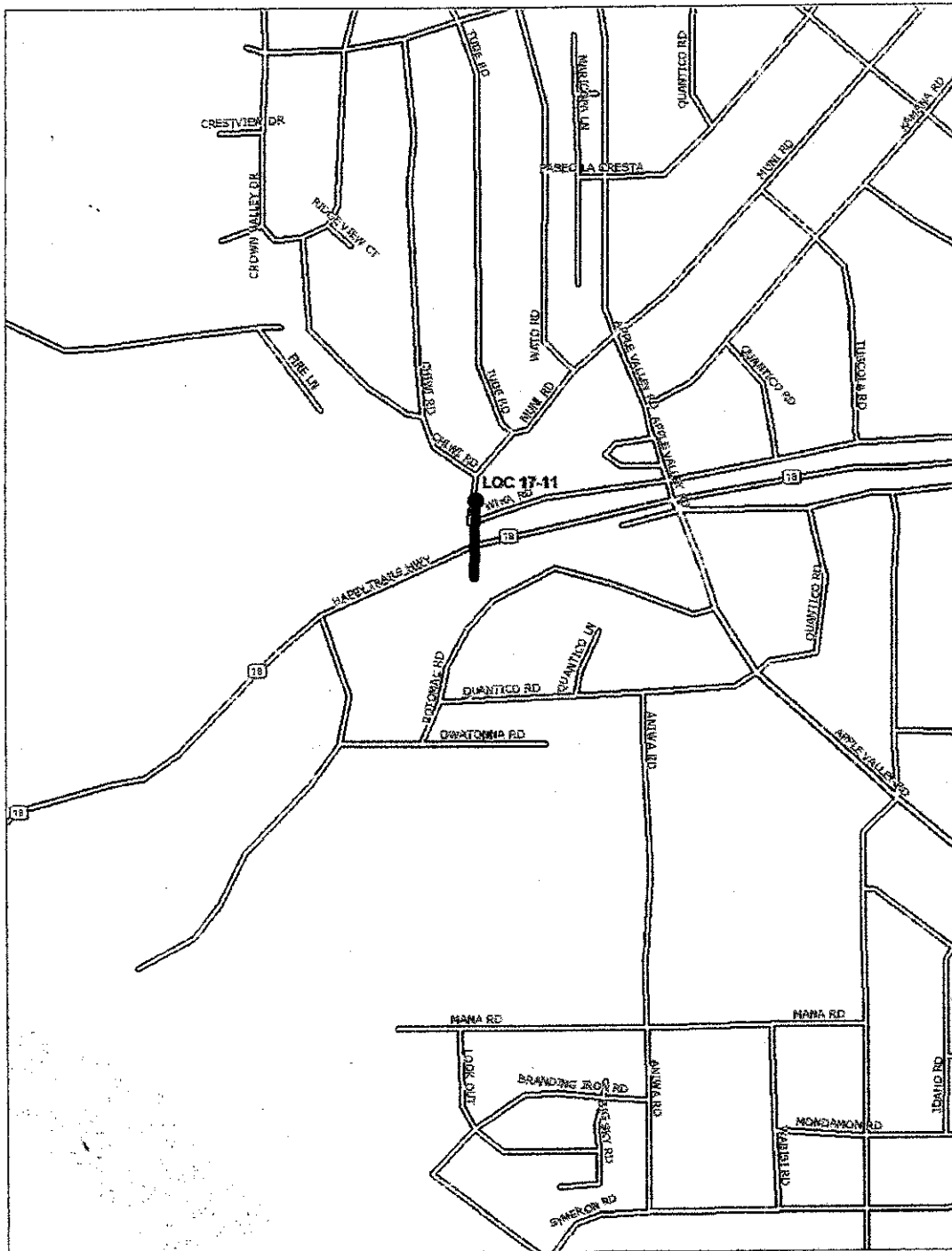


Region: Central Valley Region (5)  
 Location: LOC 8-7  
 As Part of 2006 Case Study

# Sample Drainage Map

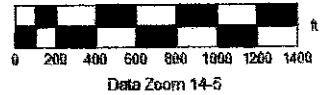
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via street gutters into a perennial stream, which flows to the Mojave River and into the Mojave River Forks Reservoir.

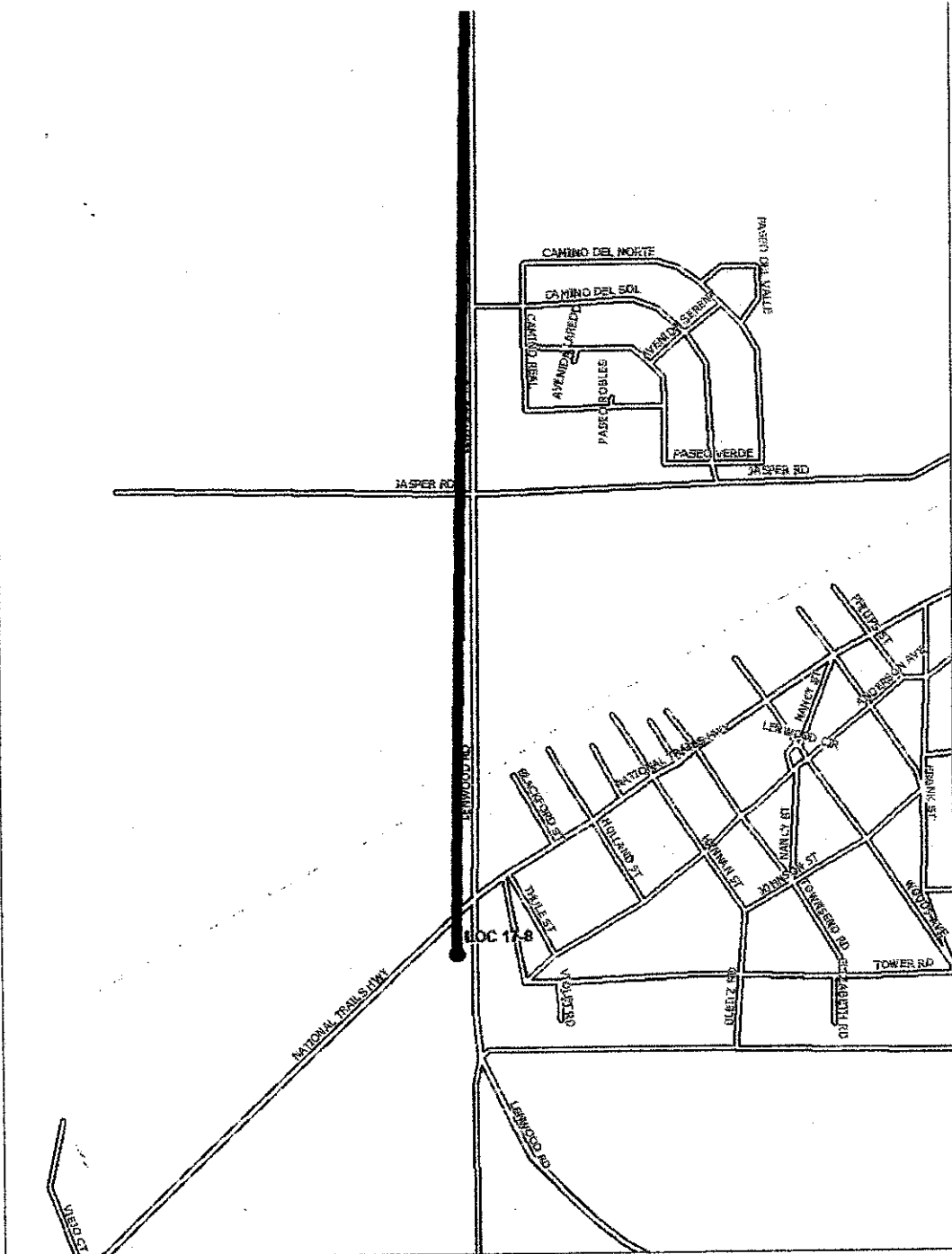


**Region:** Lahontan Region (6)  
**Location:** LOC 17-11  
**As Part of** 2006 Case Study

# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study

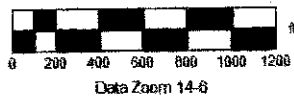


Data use subject to license

**Essential Features of Distribution System**

Runoff via street gutters to the Mojave River and into the Mojave River Forks Reservoir.

★  
MN (13.0° E)



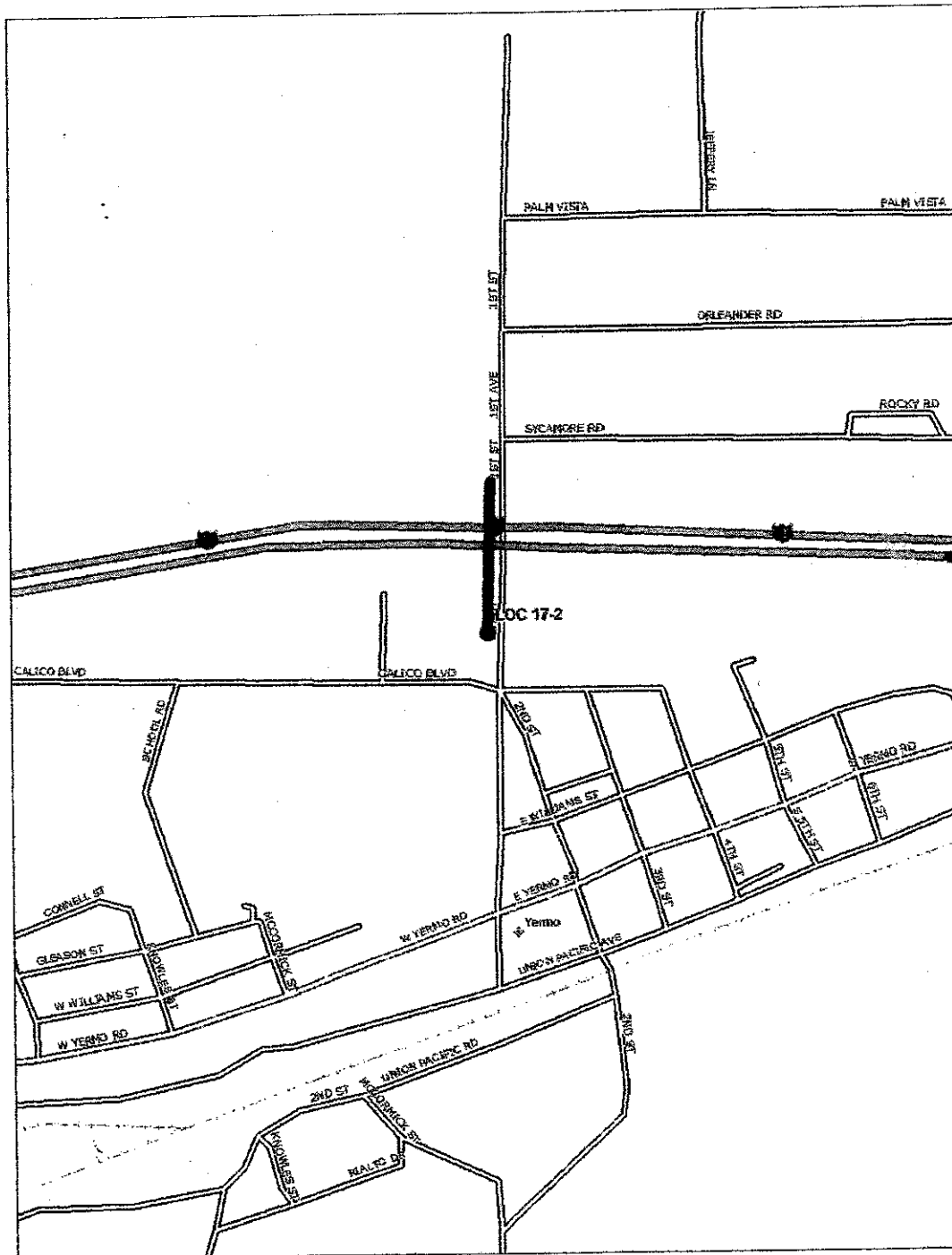
**Region: Lahontan Region (6)**  
**Location: LOC 17-8**  
**As Part of 2006 Case Study**



# Sample Drainage Map

## Verizon California

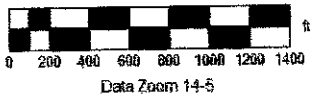
### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to the Open Water / Flood Control Basin.

MN (12 9° E)

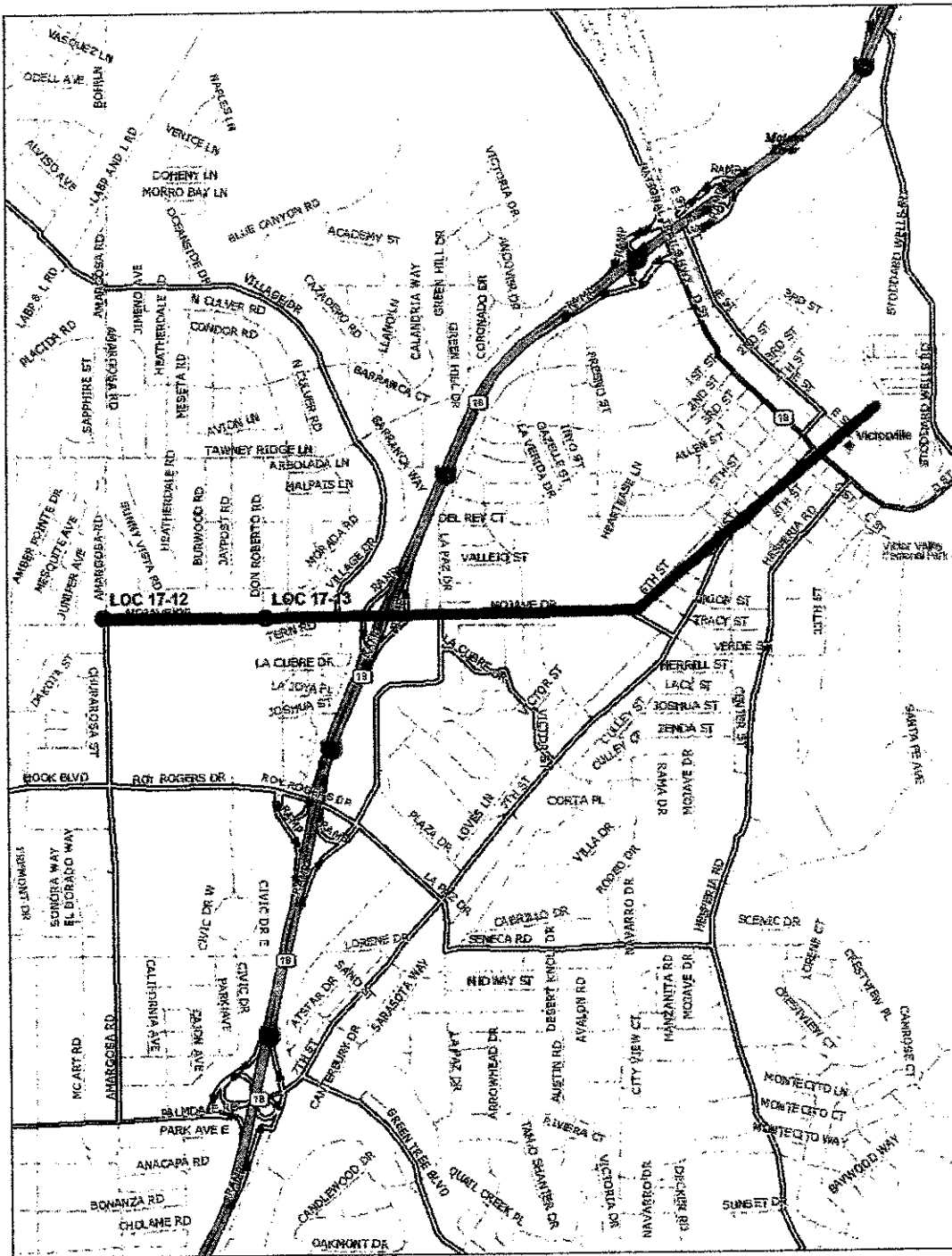


**Region: Lahontan Region (6)**  
**Location: LOC 17-2**  
**As Part of 2006 Case Study**

# Sample Drainage Map

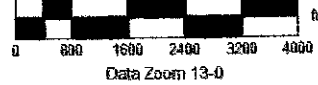
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to a perennial stream, which flows into the Mojave River and then into the Mojave River Forks Reservoir.

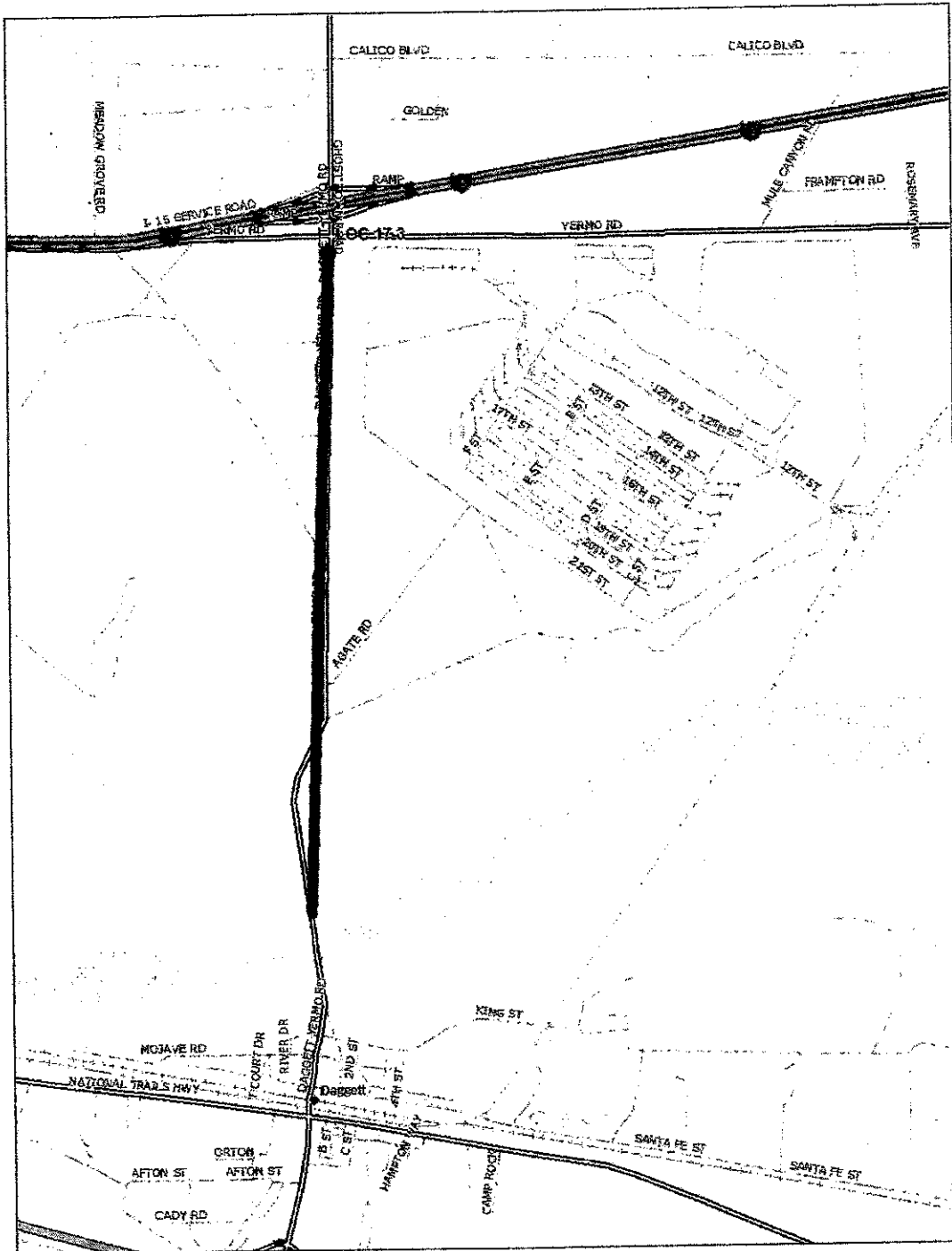


**Region: Lahontan Region (6)**  
**Location: LOC 17-12 and LOC 17-13**  
**As Part of 2006 Case Study**

# Sample Drainage Map

## Verizon California

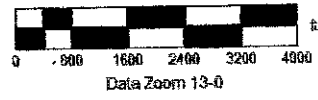
### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to a perennial stream, which flows into the Mojave River, and then into the Mojave River Forks Reservoir.

★  
MN (12.9° E)

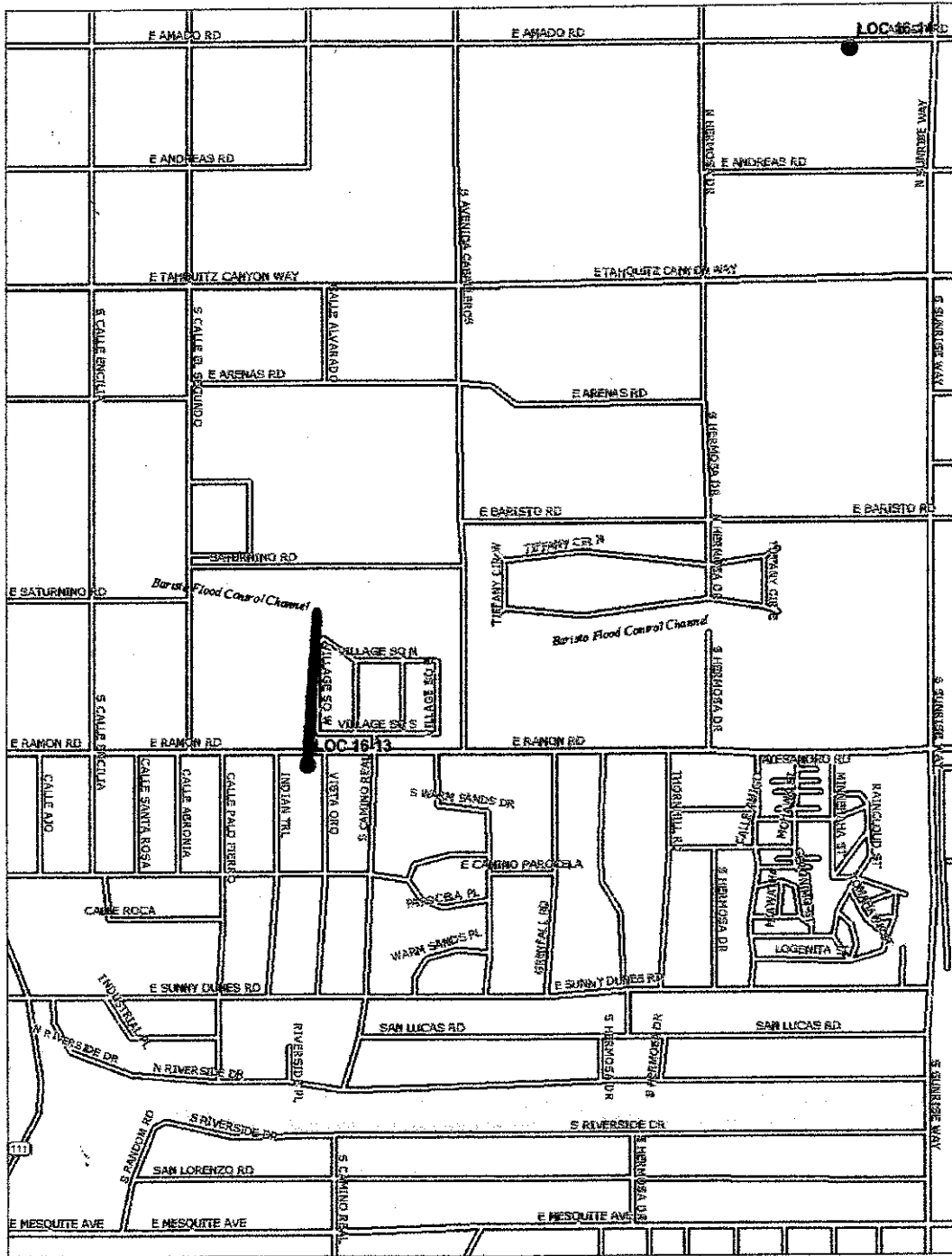


**Region: Lahontan Region (6)**  
**Location: LOC 17-3**  
**As Part of 2006 Case Study**

# Sample Drainage Map

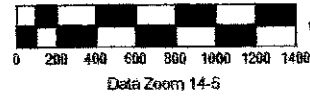
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to the BariSto Flood Control Channel, which flows to th Whitewater River and then into the Salton Sea.



**Region: Colorado River Basin Region (7)**  
**Location: LOC 16-3**  
**As Part of 2006 Case Study**

# Sample Drainage Map

## Verizon California

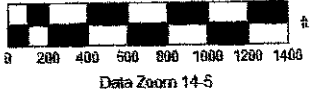
### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to Dead Indian Creek, which flows into Deep Canyon Stormwater Channel to the Whitewater River and then into the Salton Sea.

MN (12.8° E)

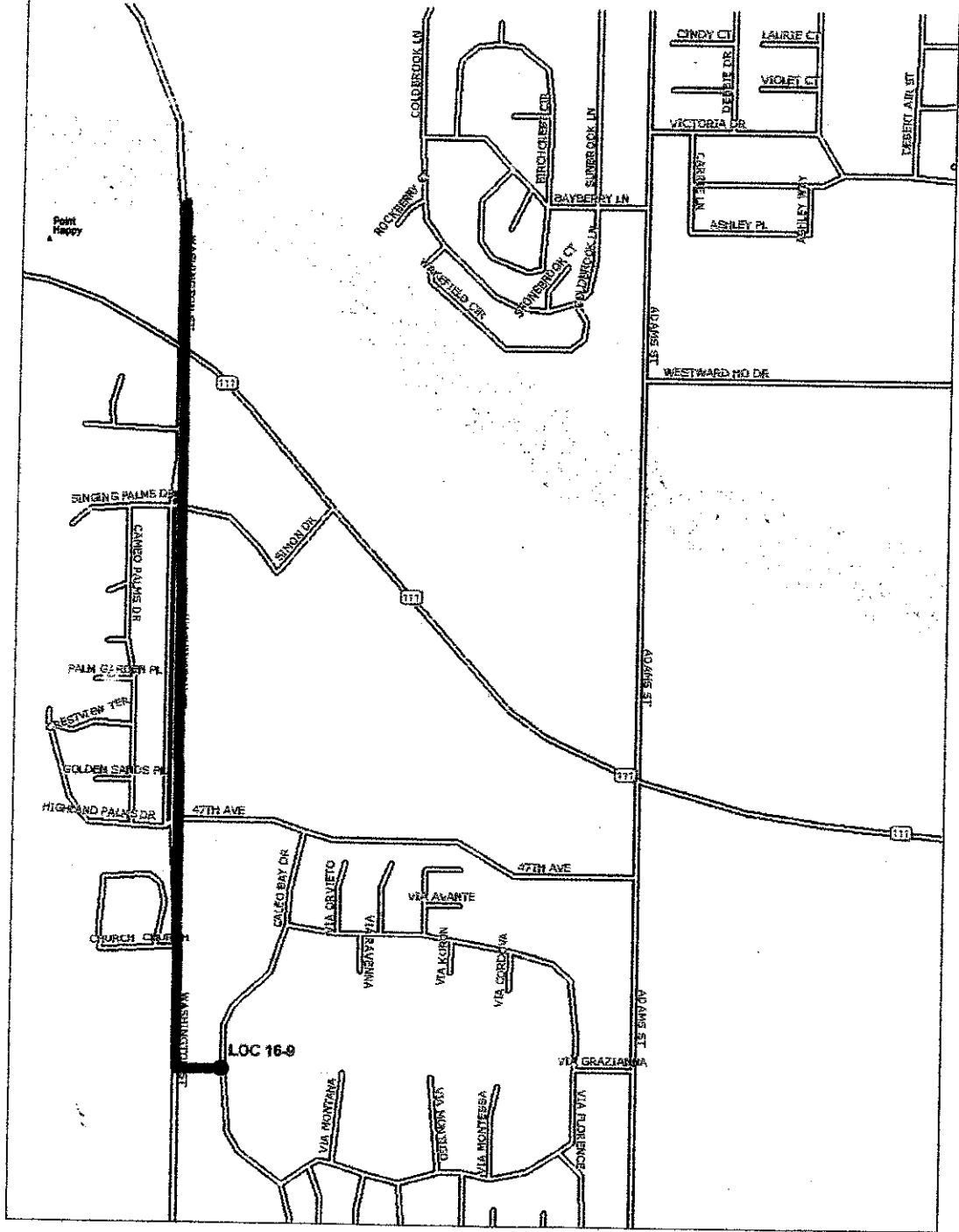


**Region:** Colorado River Basin Region (7)  
**Location:** LOC 16-11CO  
**As Part of 2006 Case Study**

# Sample Drainage Map

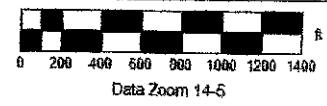
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street gutters to the Whitewater River and then into the Salton Sea.

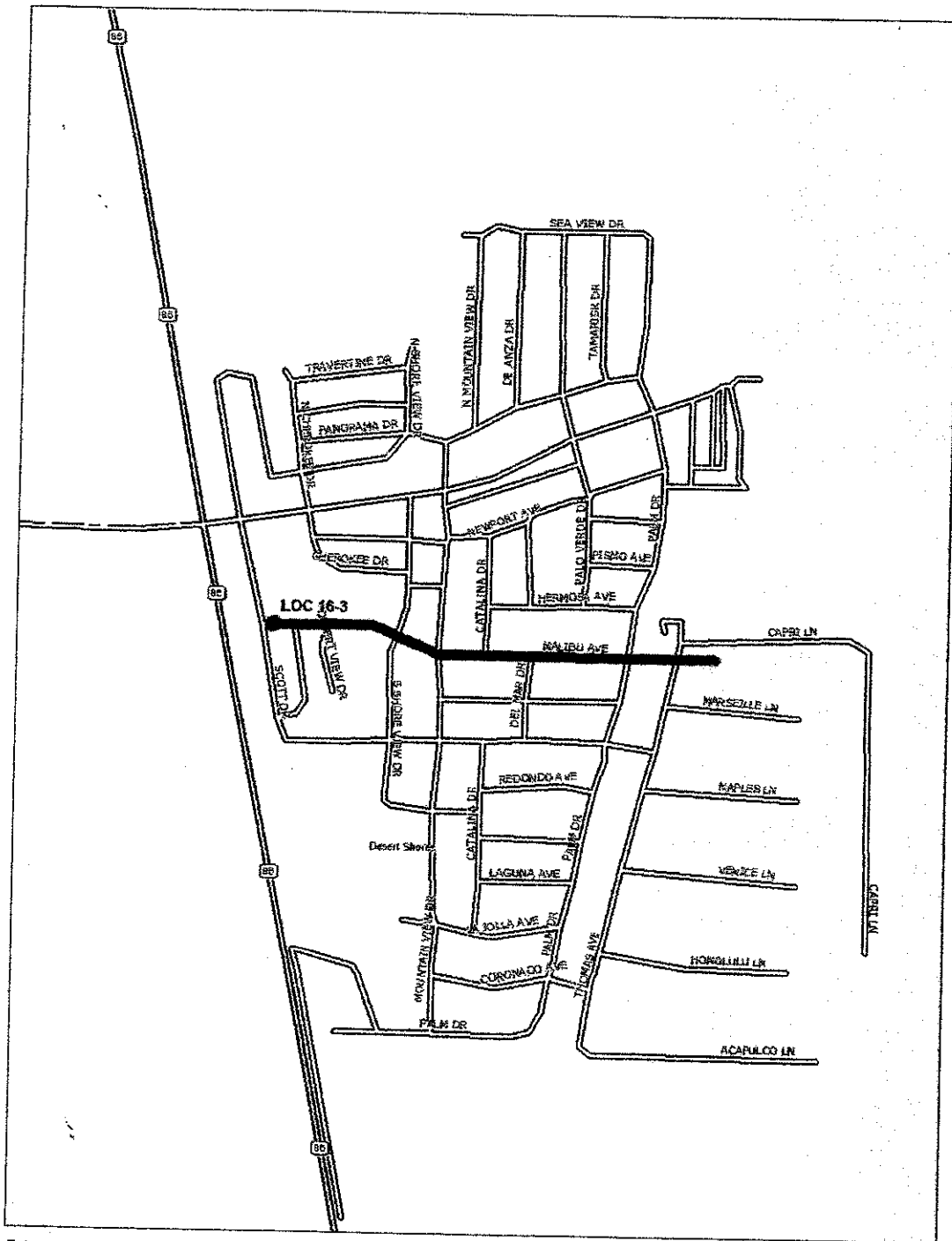


**Region:** Colorado River Basin Region (7)  
**Location:** LOC 16-9  
**As Part of** 2006 Case Study

# Sample Drainage Map

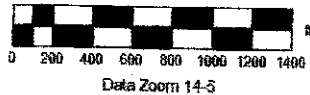
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via street and into the Salton Sea.

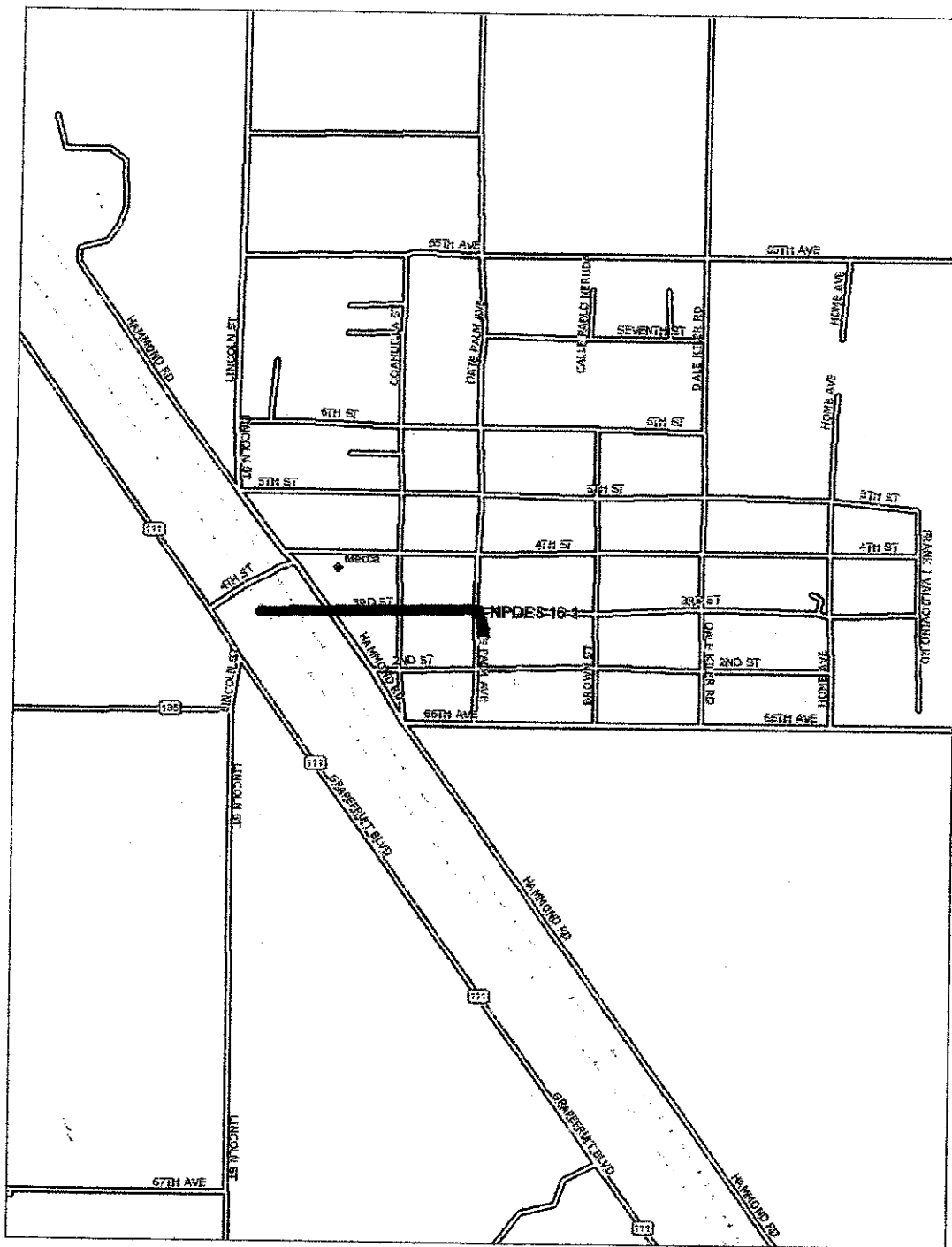


**Region: Colorado River Basin Region (7)**  
**Location: LOC 16-3**  
**As Part of 2006 Case Study**

# Sample Drainage Map

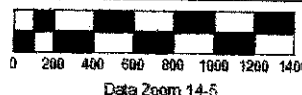
## Verizon California

### Samples and Coordinates from 2006 Case Study



#### Essential Features of Distribution System

Runoff via street gutters, into a perennial canal, to the White Water River and into the Salton Sea.



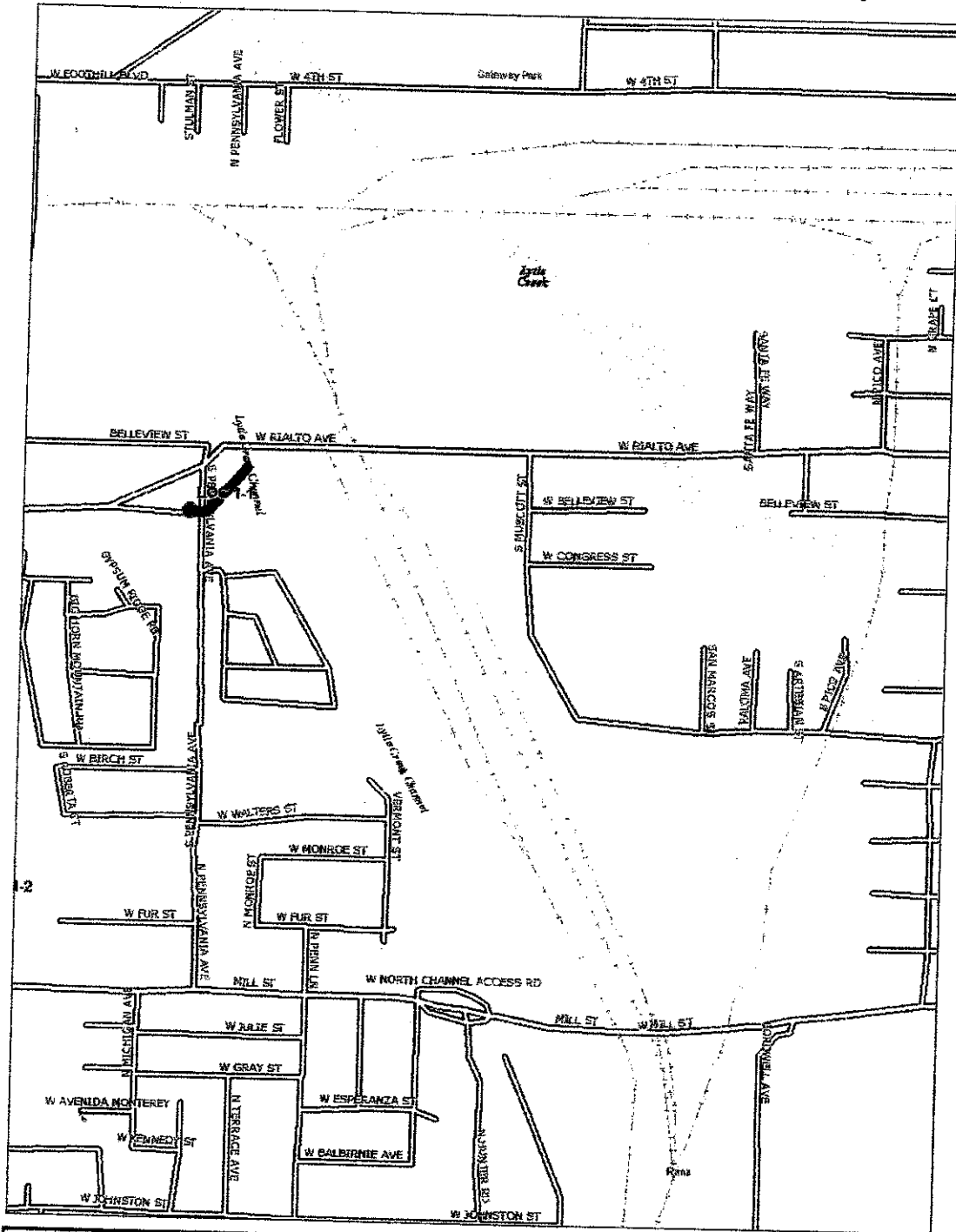
**Region:** Colorado River Basin Region (7)  
**Location:** NPDES 16-1  
**As Part of** 2006 Case Study



# Sample Drainage Map

## Verizon California

### Samples and Coordinates from 2006 Case Study



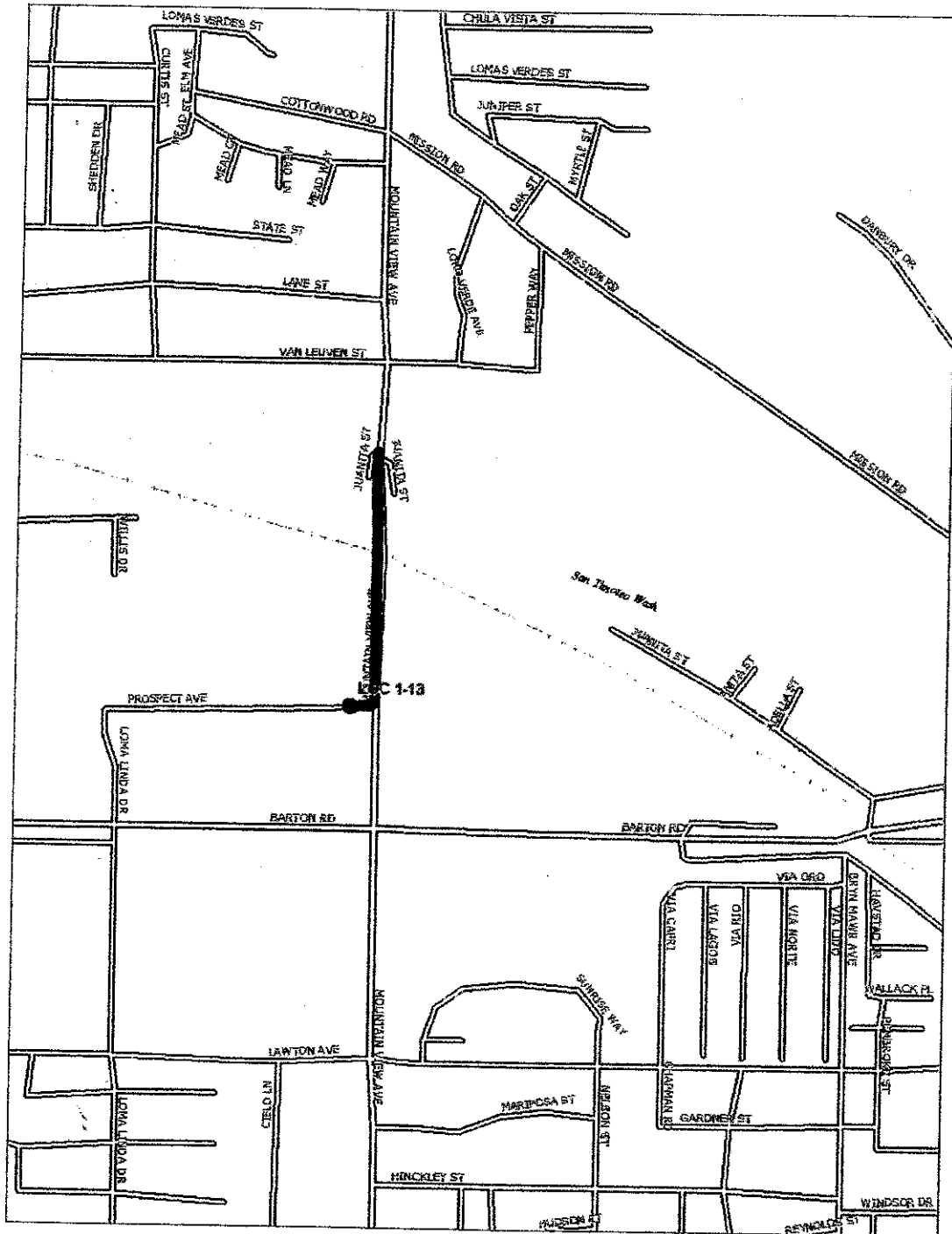
**Essential Features of Distribution System**

Runoff via municipal storm system, into the Lytle Channel Creek, to Lytle Creek, into the Santa Ana River and then to the Pacific Ocean.



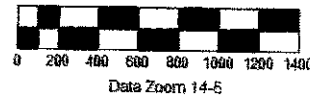
**Region: Santa Ana Region (8)**  
**Location: LOC 1-1**  
**As Part of 2006 Case Study**

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



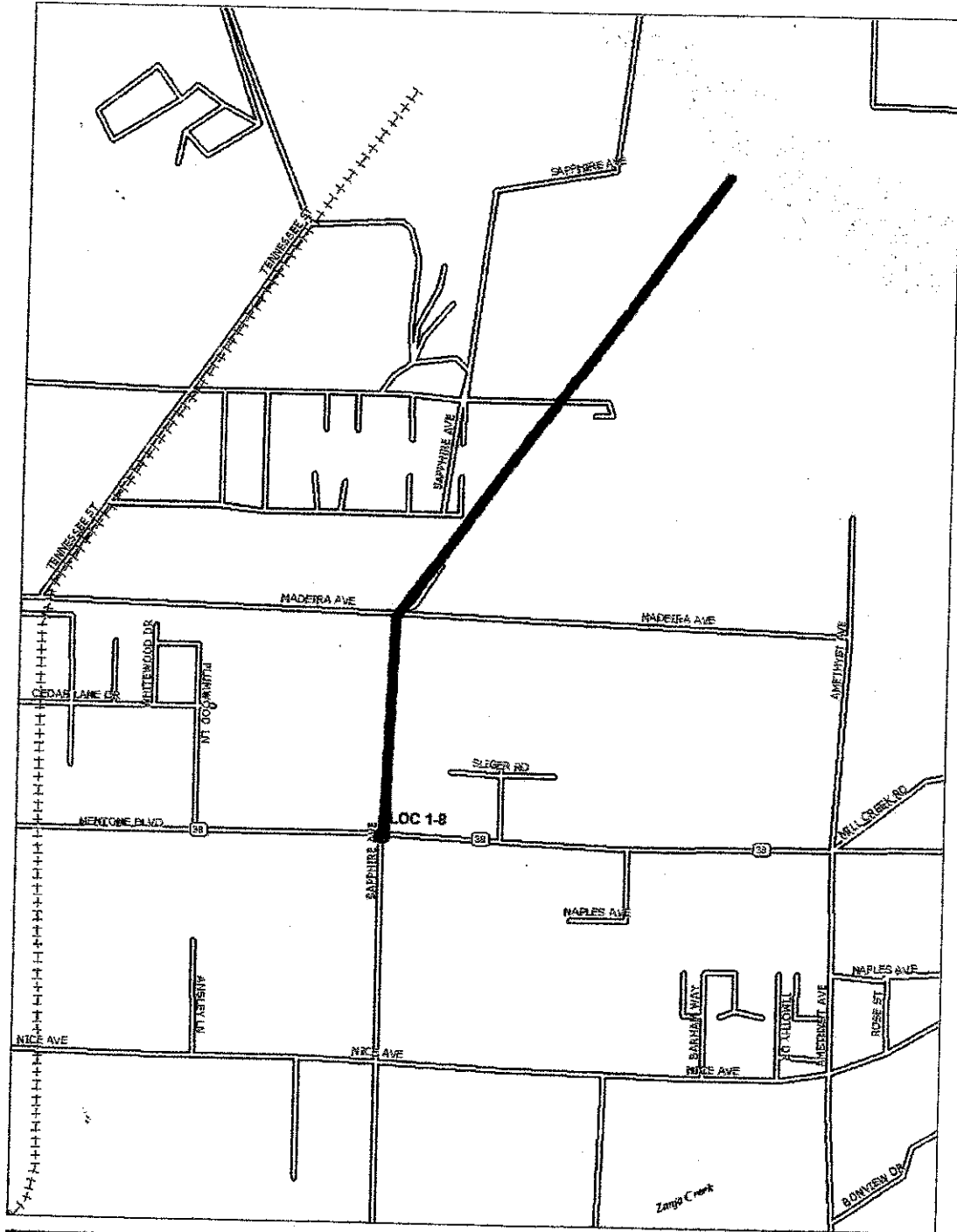
### Essential Features of Distribution System

Runoff via municipal storm system, into the San Timoteo Wash, then to the Santa Ana River and then into the Pacific Ocean.



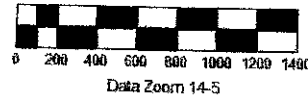
**Region:** Santa Ana Region (8)  
**Location:** LOC 1-13  
**As Part of** 2006 Case Study

# Sample Drainage Map Verizon California Samples and Coordinates from 2006 Case Study



## Essential Features of Distribution System

Runoff via municipal storm system, to Mill Creek then to the Santa Ana River and then into the Pacific Ocean.



Region: Santa Ana Region (8)  
Location: LOC 1-8  
As Part of 2006 Case Study



# Sample Drainage Map

## Verizon California

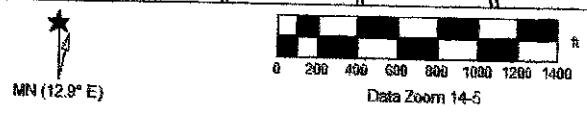
### Samples and Coordinates from 2006 Case Study



Data are subject to license.

**Essential Features of Distribution System**

Runoff via municipal storm system, No surface water in the near vicinity - presumed flow into the Santa Ana River and then into the Pacific Ocean.

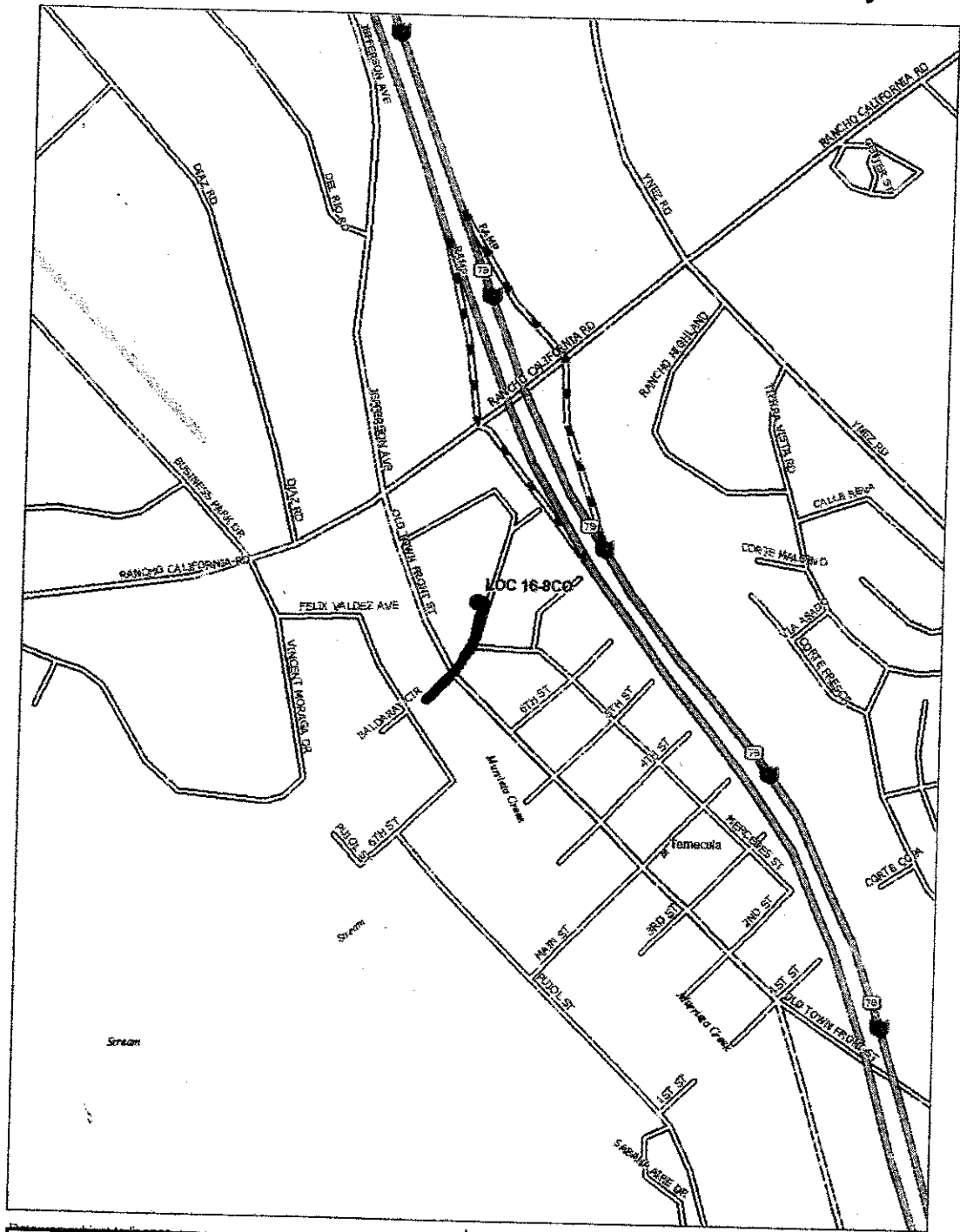


**Region: Santa Ana Region (8)**  
**Location: LOC 2-8 and LOC 2-9**  
**As Part of 2006 Case Study**

# Sample Drainage Map

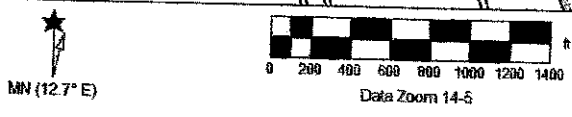
## Verizon California

### Samples and Coordinates from 2006 Case Study



**Essential Features of Distribution System**

Runoff via municipal storm system, Closest surface water is the Murrieta Stream, which flows into Santa Murrieta Creek, then into the Santa Margarita River and then into the Pacific Ocean.

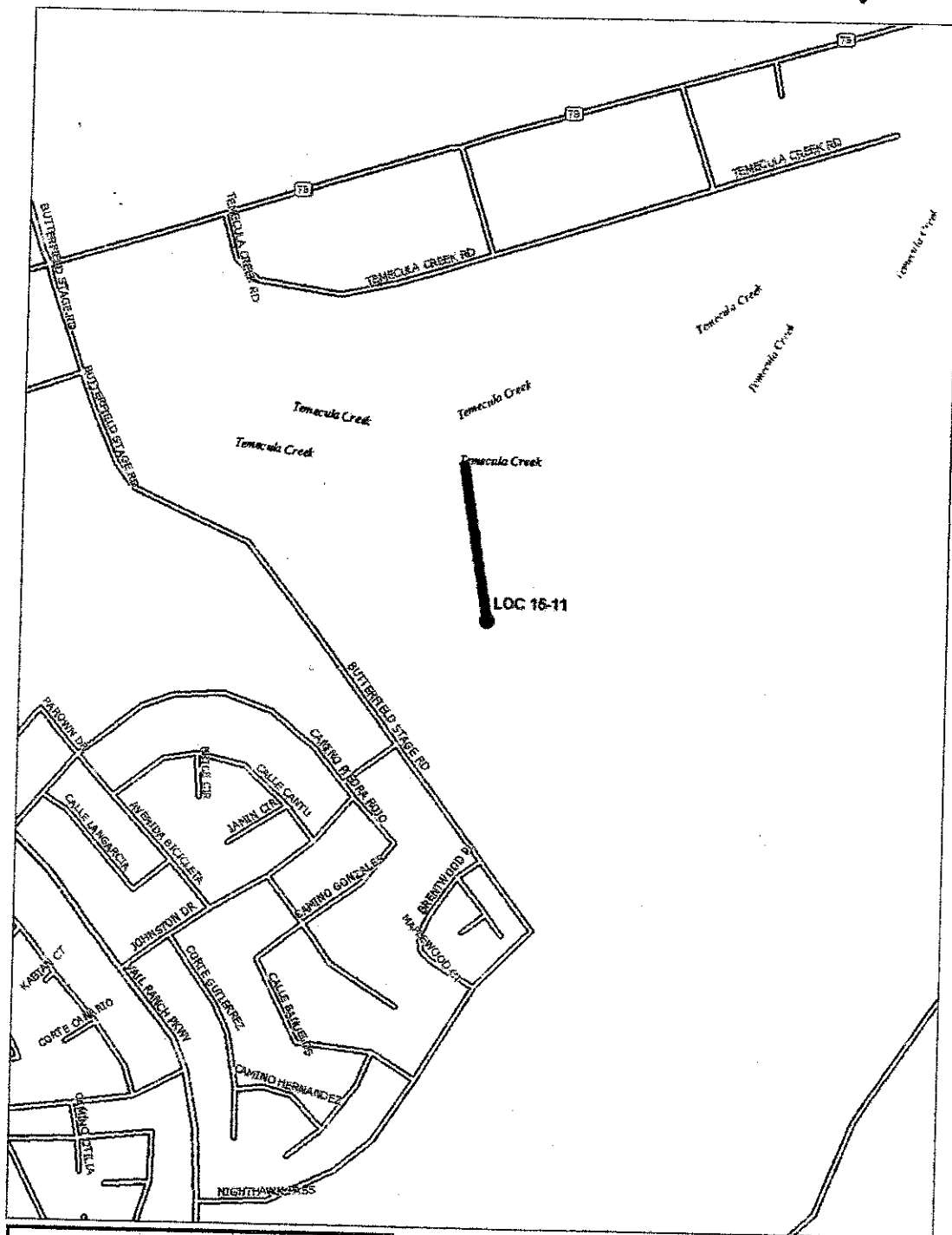


**Region: San Diego Region (9)**  
**Location: LOC 16-8C0**  
**As Part of 2006 Case Study**

# Sample Drainage Map

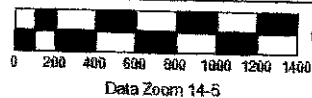
## Verizon California

### Samples and Coordinates from 2006 Case Study



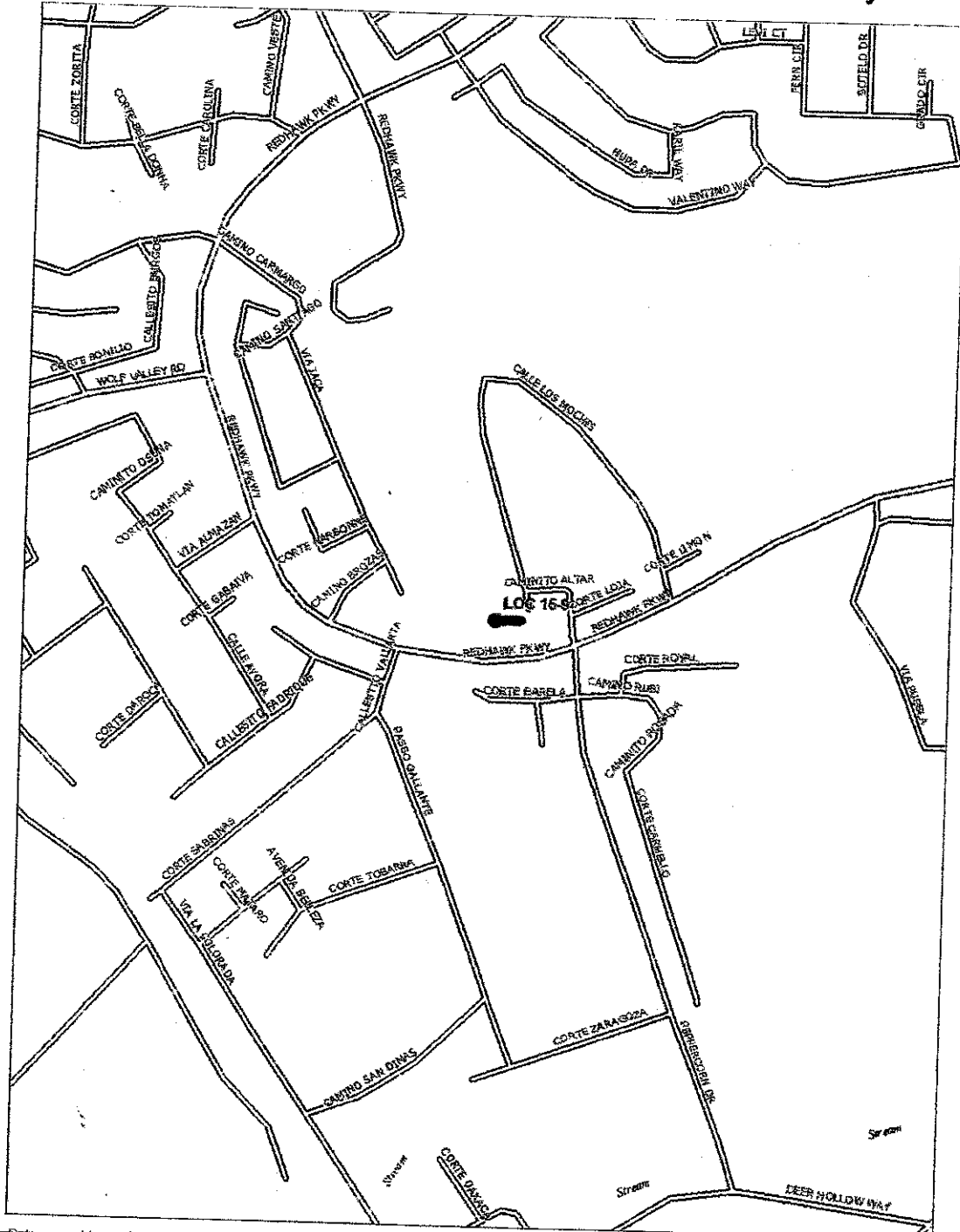
#### Essential Features of Distribution System

Runoff via municipal storm system, Closest surface water is the Temecula Creek, then into the Santa Margarita River and then into the Pacific Ocean.



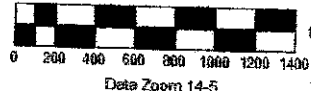
**Region:** San Diego Region (9)  
**Location:** LOC 15-11  
**As Part of 2006 Case Study**

**Sample Drainage Map**  
**Verizon California**  
**Samples and Coordinates from 2006 Case Study**



**Essential Features of Distribution System**

Runoff via municipal storm system, Closest surface water is the Temecula Creek, then into the Santa Margarita River and then into the Pacific Ocean.



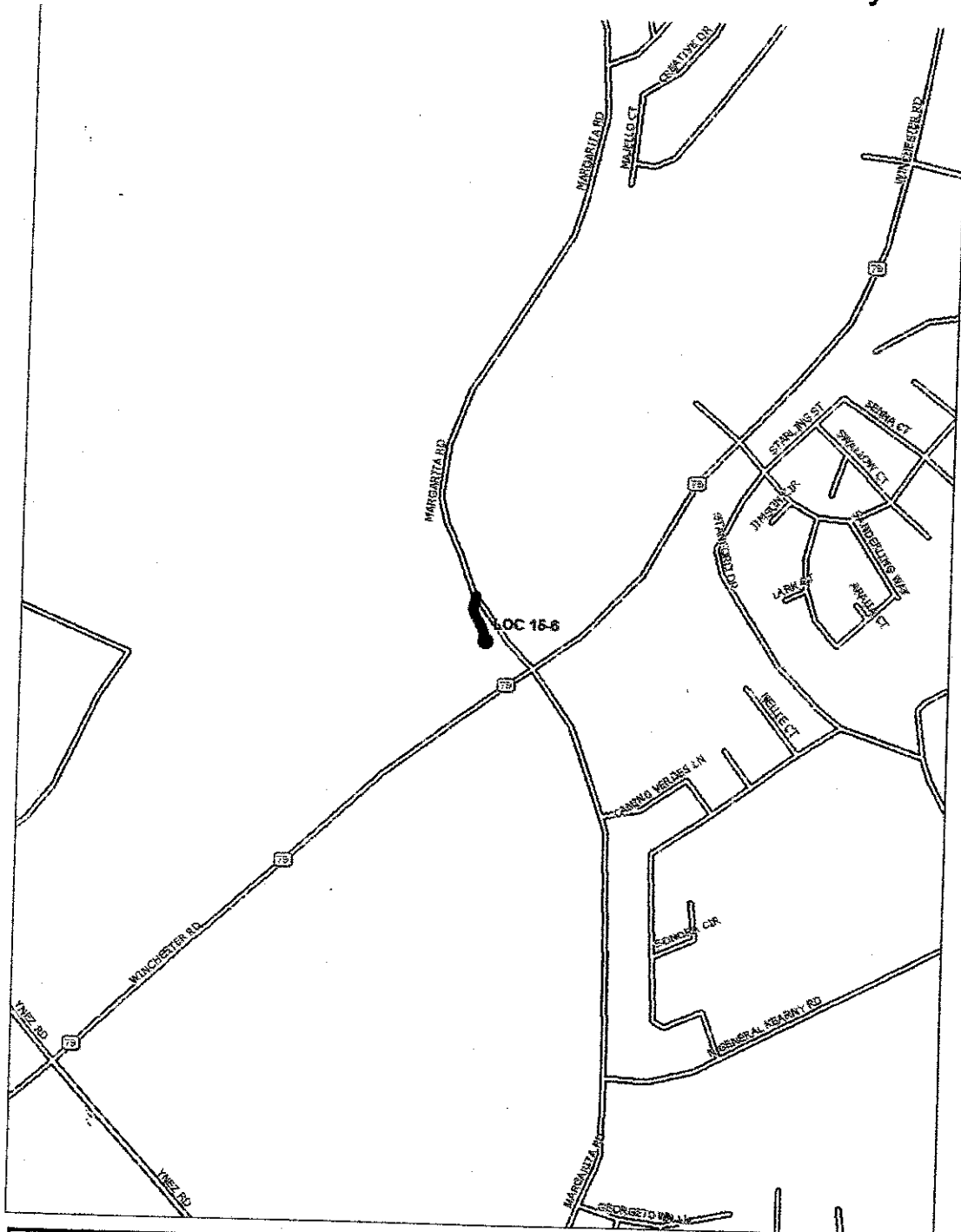
**Region: San Diego Region (9)**  
**Location: LOC 15-9**  
**As Part of 2006 Case Study**



# Sample Drainage Map

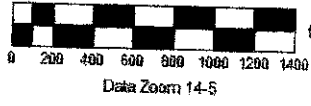
## Verizon California

### Samples and Coordinates from 2006 Case Study



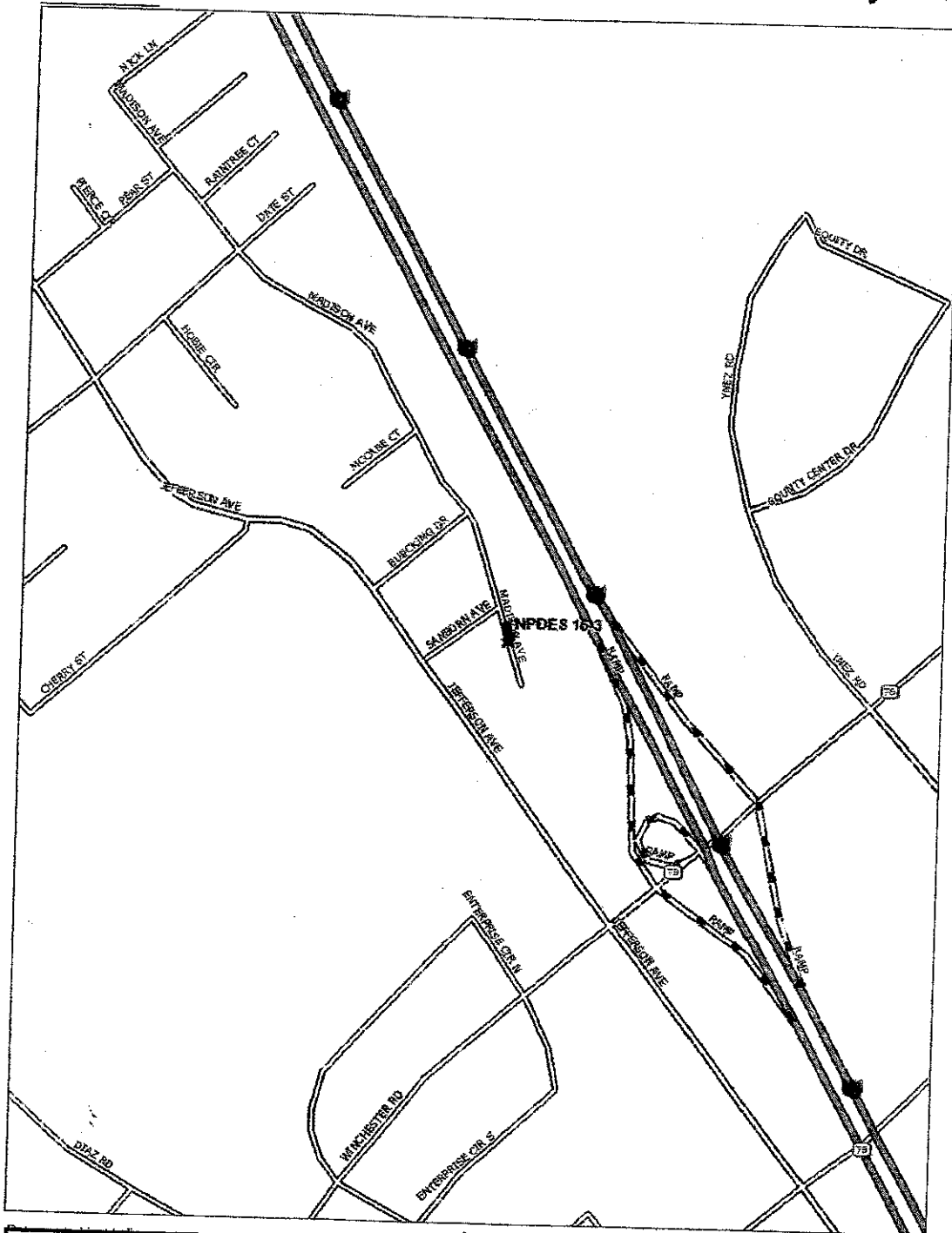
**Essential Features of Distribution System**

Runoff via municipal storm system, No surface waters are located in the near vicinity..



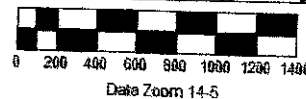
**Region: San Diego Region (9)**  
**Location: LOC 15-6**  
**As Part of 2006 Case Study**

Sample Drainage Map  
Verizon California  
Samples and Coordinates from 2006 Case Study



**Essential Features of  
Distribution System**

Runoff via municipal storm  
system, No surface waters are  
located in the near vicinity..



Region: San Diego Region (9)  
Location: LOC 15-3  
As Part of 2006 Case Study

Appendix A

Representative Hazardous Materials Annual Inventory



**Communications**

# Hazardous Materials Annual Inventory

## YEAR 2003

**Slater CO**

*(Facility Name and ID)*

**17551 Gothard Street**

*(Facility Address)*

**Huntington Beach**

*(Facility City)*

**Orange**

*(Facility Count)*

**POST THIS DOCUMENT ON SITE  
SO IT WILL BE AVAILABLE IN  
THE EVENT OF A GOVERNMENT AGENCY INSPECTION,  
SITE ASSESSMENT OR AUDIT.**



Architecture, Engineering, Environmental Services  
1137 North McDowell Blvd.  
Petaluma, CA 94954-1110

HUNTINGTON BEACH FIRE DEPARTMENT  
HAZARDOUS MATERIALS DISCLOSURE PROGRAM

RD 425

**Hazardous Material Disclosure Update**  
Hazardous Materials Disclosure Office (HMDO)  
2000 Main Street • Huntington Beach • CA 92648 • (714) 536-5676

BID # 2130

**Business Name:** Verizon California Incorporated / Slater CO  
**Attention:** Kim Bray / Verizon California Incorporated  
**Site Address:** 17551 Gothard Street City Huntington Beach ZIP 92647  
**Mailing Address:** P.O. Box 725 City Chino ZIP 91708

PLEASE COMPLETE THE FOLLOWING by placing a check  in the appropriate box(s) below and attest by a signature at the bottom:

- We have made changes to our Hazardous Materials Disclosure and am enclosing the completed forms describing the changes (EPCRA facilities must disclose annually – update certification not available), or
- No changes are applicable to our Hazardous Materials Disclosure and, as the business owner or designated representative, I attest to the following statements (check all that apply below):
- The information contained in the hazardous materials inventory most recently submitted to the CUPA or Administering Agency is complete, accurate, and up to date.
  - There has been no change in the quantity of hazardous materials reported in the most recently submitted inventory.
  - No hazardous materials subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.

DUE DATE DEC. 6, 2003

*Forms received after the due date are subject to a \$125 late fee*

I certify under penalty of law that I have personally examined and believe the submitted information is true, accurate, and complete.

Completed by: \_\_\_\_\_

Signature: Christopher Heyel

12/12/03  
Date

White – Return to  
HMD Office

Yellow – Business Copy

Pink – File

**BUSINESS OWNER/OPERATOR IDENTIFICATION**

**I. IDENTIFICATION**

FACILITY ID#		1	BEGINNING DATE	100	ENDING DATE	101
			01/1/2003		12/31/2003	
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	Verizon California Incorporated, Slater CO			3	BUSINESS PHONE	102
BUSINESS SITE ADDRESS	17551 Gothard Street				(714)847-0000	103
CITY	Huntington Beach	104	CA	ZIP CODE	92647	105
DUN BRADSTREET	00-692-4070			SIC CODE (4 digit #)	4813	107
COUNTY	Orange					108
BUSINESS OPERATOR NAME	Kim Bray	109		BUSINESS OPERATOR PHONE	(909) 613-1554	110

**II. BUSINESS OWNER**

OWNER NAME	Verizon California Incorporated	111	OWNER PHONE	(917) 213-0000	112	
OWNER MAILING ADDRESS	700 Hidden Ridge		(972) 718-3937		113	
CITY	HQW01J02			ZIP CODE	75038	116
	Irving, TX 75038					

**III. ENVIRONMENTAL CONTACT**

CONTACT NAME	Kim Bray	117	CONTACT PHONE	(909) 613-1554	118	
CONTACT MAILING ADDRESS	P.O. Box 725				119	
CITY	Chino	120	STATE	CA	121	
				ZIP CODE	91708	122

**PRIMARY**

**IV. EMERGENCY CONTACTS**

**SECONDARY**

NAME	Jeff Landers	MAIL CODE:	CAX12WD	123	NAME	Kim Bray	128
TITLE	Area Manager			124	TITLE	Environmental Manager	129
BUSINESS PHONE	562-496-0272			125	BUSINESS PHONE	(909) 613-1554	130
24-HOUR PHONE	800-764-0450			126	24-HOUR PHONE	(800) 386-9639	131
Facility Contact	Steve Fernandes, CAX01WD, (562) 431-4182			127	PAGER#		132

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR	<i>Christopher Lloyd</i>	DATE	12/12/03	134	NAME OF DOCUMENT PREPARER	RHL DESIGN GROUP, INC.	135
NAME OF SIGNER (print)	Christopher Lloyd			136	TITLE OF SIGNER	Director - Safety Environmental Compliance	137

**UNIFIED PROGRAM CONSOLIDATED FORM**

**HAZARDOUS MATERIALS**

**HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION**

(one page per material per building or area)

ADD       DELETE       REVISE      200

Page 2 of 6

**I. FACILITY INFORMATION**

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3  
**Verizon California Incorporated; Slater CO**

CHEMICAL LOCATION 201      CHEMICAL LOCATION 202  
**West side of the CO**      CONFIDENTIAL -  YES  NO  
EPCRA

FACILITY ID # 1      MAP# (optional) 203      GRID# (optional) 204  
1      I3

**II. CHEMICAL INFORMATION**

CHEMICAL NAME 205      TRADE SECRET  Yes  No 206  
**PETROLEUM HYDROCARBON**      If Subject to EPCRA, refer to instructions

COMMON NAME 207      EHS\*  Yes  No 208  
**DIESEL FUEL #2**

CAS# 209      \*If EHS is "Yes", all amounts below must be in lbs.  
**68476-34-6**

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210  
**COMBUSTIBLE LIQ. II**

HAZARDOUS MATERIAL TYPE (Check one item only) 211      RADIOACTIVE  Yes  No 212      CURIES 213  
 a. PURE     b. MIXTURE     c. WASTE

PHYSICAL STATE (Check one item only) 214      LARGEST CONTAINER **6000** 215  
 a. SOLID     b. LIQUID     c. GAS

FED HAZARD CATEGORIES (Check all that apply) 216  
 a. FIRE     b. REACTIVE     c. PRESSURE RELEASE     d. ACUTE HEALTH     e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217      MAXIMUM DAILY AMOUNT 218      ANNUAL WASTE AMOUNT 219      STATE WASTE CODE 220  
**4500**      **6100**

UNITS\* (Check one item only) 221      DAYS ON SITE: 222  
 a. GALLONS     b. CUBIC FEET     c. POUNDS     d. TONS      **365**  
\* If EHS, amount must be in pounds.

STORAGE CONTAINER 223  
 a. ABOVE GROUND TANK     e. PLASTIC/NONMETALLIC DRUM     i. FIBER DRUM     m. GLASS BOTTLE     q. RAIL CAR  
 b. UNDERGROUND TANK     f. CAN     j. BAG     n. PLASTIC BOTTLE     r. OTHER  
 c. TANK INSIDE BUILDING     g. CARBOY     k. BOX     o. TOTE BIN  
 d. STEEL DRUM     h. SILO     l. CYLINDER     p. TANK WAGON

STORAGE PRESSURE 224  
 a. AMBIENT     b. ABOVE AMBIENT     c. BELOW AMBIENT

STORAGE TEMPERATURE 225  
 a. AMBIENT     b. ABOVE AMBIENT     c. BELOW AMBIENT     d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 100 <span style="float:right">226</span>	DIESEL FUEL NO. 2 <span style="float:right">227</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">228</span>	68476-34-6 <span style="float:right">229</span>
2 <1 <span style="float:right">230</span>	NAPHTHALENE <span style="float:right">231</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">232</span>	91-20-3 <span style="float:right">233</span>
3 <span style="float:right">234</span>	<span style="float:right">235</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">236</span>	<span style="float:right">237</span>
4 <span style="float:right">238</span>	<span style="float:right">239</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">240</span>	<span style="float:right">241</span>
5 <span style="float:right">242</span>	<span style="float:right">243</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">244</span>	<span style="float:right">245</span>

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

**UNIFIED PROGRAM CONSOLIDATED FORM**

**HAZARDOUS MATERIALS**

**HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION**

(one page per material per building or area)

ADD       DELETE       REVISE      200

Page 3 of 6

**I. FACILITY INFORMATION**

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3

Verizon California Incorporated; Slater CO

CHEMICAL LOCATION 201 CHEMICAL LOCATION 202

Air Dryer Room in Basement

CONFIDENTIAL -  YES  NO  
EPCRA

FACILITY ID # 1 MAP# (optional) 203 GRID# (optional) 204

3 H7

**II. CHEMICAL INFORMATION**

CHEMICAL NAME 205 TRADE SECRET  Yes  No 206

NITROGEN

If Subject to EPCRA, refer to instructions

COMMON NAME 207 EHS\*  Yes  No 208

NITROGEN

CAS# 209 \*If EHS is "Yes", all amounts below must be in lbs.

7727-37-9

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

INERT GAS

HAZARDOUS MATERIAL TYPE (Check one item only)  a. PURE  b. MIXTURE  c. WASTE 211 RADIOACTIVE  Yes  No 212 CURIES 213

PHYSICAL STATE (Check one item only)  a. SOLID  b. LIQUID  c. GAS 214 LARGEST CONTAINER 215

244

FED HAZARD CATEGORIES (Check all that apply)  a. FIRE  b. REACTIVE  c. PRESSURE RELEASE  d. ACUTE HEALTH  e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217 MAXIMUM DAILY AMOUNT 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220

366

488

UNITS\* (Check one item only)  a. GALLONS  b. CUBIC FEET  c. POUNDS  d. TONS 221 DAYS ON SITE: 222

\* If EHS, amount must be in pounds. 365

STORAGE 12

CONTAINER  a. ABOVE GROUND TANK  e. PLASTIC/NONMETALLIC DRUM  i. FIBER DRUM  m. GLASS BOTTLE  q. RAIL CAR  
 b. UNDERGROUND TANK  f. CAN  j. BAG  n. PLASTIC BOTTLE  r. OTHER  
 c. TANK INSIDE BUILDING  g. CARBOY  k. BOX  o. TOTE BIN  
 d. STEEL DRUM  h. SILO  l. CYLINDER  p. TANK WAGON 223

STORAGE PRESSURE  a. AMBIENT  b. ABOVE AMBIENT  c. BELOW AMBIENT 224

STORAGE TEMPERATURE  a. AMBIENT  b. ABOVE AMBIENT  c. BELOW AMBIENT  d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 100% <span style="float:right">226</span>	NITROGEN <span style="float:right">227</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">228</span>	7727-37-9 <span style="float:right">229</span>
2 <span style="float:right">230</span>	<span style="float:right">231</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">232</span>	<span style="float:right">233</span>
3 <span style="float:right">234</span>	<span style="float:right">235</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">236</span>	<span style="float:right">237</span>
4 <span style="float:right">238</span>	<span style="float:right">239</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">240</span>	<span style="float:right">241</span>
5 <span style="float:right">242</span>	<span style="float:right">243</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">244</span>	<span style="float:right">245</span>

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here



UNIFIED PROGRAM CONSOLIDATED FORM

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY -- CHEMICAL DESCRIPTION

(one page per material per building or area)

ADD

DELETE

REVISE

200

Page 4 of 4

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

Verizon California Incorporated; Slater CO

3

CHEMICAL LOCATION

Basement North side

201

CHEMICAL LOCATION

CONFIDENTIAL -

YES  NO

202

EPCRA

FACILITY ID #

MAP# (optional)

GRID# (optional)

3

G4

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

BATTERY ELECTROLYTE-LEAD ACID

205

TRADE SECRET

Yes  No

206

If Subject to EPCRA, refer to instructions

COMMON NAME

GNB NAT 35, 144 cells

207

EHS\*

Yes  No

208

CAS#

7664-93-9

209

\*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)

CORROSIVE

210

HAZARDOUS MATERIAL

TYPE (Check one item only)

a. PURE  b. MIXTURE  c. WASTE

211

RADIOACTIVE

Yes  No

212

CURIES

213

PHYSICAL STATE

(Check one item only)

a. SOLID  b. LIQUID  c. GAS

214

LARGEST CONTAINER

10.7

215

FED HAZARD CATEGORIES

(Check all that apply)

a. FIRE  b. REACTIVE  c. PRESSURE RELEASE  d. ACUTE HEALTH  e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

1540.8

217

MAXIMUM DAILY AMOUNT

1540.8

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

UNITS\*

(Check one item only)

a. GALLONS  b. CUBIC FEET  c. POUNDS  d. TONS

221

DAYS ON SITE:

365

222

\*If EHS, amount must be in pounds.

STORAGE

CONTAINER

a. ABOVE GROUND TANK  b. UNDERGROUND TANK  c. TANK INSIDE BUILDING  d. STEEL DRUM  e. PLASTIC/NONMETALLIC DRUM  f. CAN  g. CARBOY  h. SILO  i. FIBER DRUM  j. BAG  k. BOX  l. CYLINDER  m. GLASS BOTTLE  n. PLASTIC BOTTLE  o. TOTE BIN  p. TANK WAGON  r. OTHER

223

STORAGE PRESSURE

a. AMBIENT  b. ABOVE AMBIENT  c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT  b. ABOVE AMBIENT  c. BELOW AMBIENT  d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 19.44	SULFURIC ACID (4,733 lbs)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7664-93-9
2 51.4	LEAD	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7439-92-1
3 1	ANTIMONY	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7440-36-0
4 20.8	LEAD DIOXIDE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1309-60-0
5 8.2	NON HAZARDOUS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION

Christopher Hoyt

246

If EPCRA, Please Sign Here

**UNIFIED PROGRAM CONSOLIDATED FORM**

**HAZARDOUS MATERIALS**

**HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION**

(one page per material per building or area)

ADD       DELETE       REVISE      200

Page 5 of 6

**I. FACILITY INFORMATION**

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3  
**Verizon California Incorporated; Slater CO**

CHEMICAL LOCATION 201      CHEMICAL LOCATION 202  
**Basement power room**      CONFIDENTIAL -  YES  NO  
EPCRA

FACILITY ID# 1      MAP# (optional) 203      GRID# (optional) 204  
3      F5

**II. CHEMICAL INFORMATION**

CHEMICAL NAME 205      TRADE SECRET  Yes  No 206  
**BATTERY ELECTROLYTE LEAD-CALCIUM BATTERY**      If Subject to EPCRA, refer to instructions

COMMON NAME 207      EHS\*  Yes  No 208  
**GNB HCT 37, 48 cells**

CAS# 209      \*If EHS is "Yes", all amounts below must be in lbs.  
**7439-92-1**

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210  
**CORROSIVE**

HAZARDOUS MATERIAL TYPE (Check one item only) 211      RADIOACTIVE  Yes  No 212      CURIES 213  
 a. PURE     b. MIXTURE     c. WASTE

PHYSICAL STATE (Check one item only) 214      LARGEST CONTAINER 215  
 a. SOLID     b. LIQUID     c. GAS      **13.8**

FED HAZARD CATEGORIES (Check all that apply) 216  
 a. FIRE     b. REACTIVE     c. PRESSURE RELEASE     d. ACUTE HEALTH     e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217      MAXIMUM DAILY AMOUNT 218      ANNUAL WASTE AMOUNT 219      STATE WASTE CODE 220  
**662**      **662**

UNITS\* (Check one item only) 221      DAYS ON SITE: 222  
 a. GALLONS     b. CUBIC FEET     c. POUNDS     d. TONS      **365**  
\* If EHS, amount must be in pounds.

STORAGE CONTAINER 18 223  
 a. ABOVE GROUND TANK     c. PLASTIC/NONMETALLIC DRUM     i. FIBER DRUM     m. GLASS BOTTLE     q. RAIL CAR  
 b. UNDERGROUND TANK     f. CAN     j. BAG     n. PLASTIC BOTTLE     r. OTHER  
 c. TANK INSIDE BUILDING     g. CARBOY     k. BOX     o. TOTE BIN  
 d. STEEL DRUM     h. SILO     l. CYLINDER     p. TANK WAGON

STORAGE PRESSURE  a. AMBIENT     b. ABOVE AMBIENT     c. BELOW AMBIENT 224

STORAGE TEMPERATURE  a. AMBIENT     b. ABOVE AMBIENT     c. BELOW AMBIENT     d. CRYOGENIC 225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 19.44 <span style="float:right">226</span>	SULFURIC ACID (2,034 lbs) <span style="float:right">227</span>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <span style="float:right">228</span>	7664-93-9 <span style="float:right">229</span>
2 52.4 <span style="float:right">230</span>	LEAD <span style="float:right">231</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">232</span>	7439-92-1 <span style="float:right">233</span>
3 20.8 <span style="float:right">234</span>	LEAD DIOXIDE <span style="float:right">235</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">236</span>	1309-60-0 <span style="float:right">237</span>
4 8.2 <span style="float:right">238</span>	NON-HAZARDOUS <span style="float:right">239</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">240</span>	<span style="float:right">241</span>
5 <span style="float:right">242</span>	<span style="float:right">243</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <span style="float:right">244</span>	<span style="float:right">245</span>

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246  

*Christopher Hayd*

If EPCRA, Please Sign Here

Appendix B

Document 8211 and Document 8517

## Hazardous and Solid Waste - Document 8211

### General Information

Every industrial or commercial facility creates solid waste, as does every person and household. Solid waste includes everything from food scraps or disposable packaging to wastewater sludge or used hazardous chemicals.

It is important to reduce the amount of waste we create. Once a material or product is paid for, it is economical to reuse it, or to use it as efficiently as possible, before throwing the material away or replacing it.

Industrial waste, both hazardous and non-hazardous, has high disposal costs. Companies have to pay for pickup and disposal of used oil, spent solvents, etc. Even domestic non-hazardous trash requires labor to collect and handle the trash, as well as tax dollars to finance the public collection and disposal system (usually landfilling). As existing landfills continue to fill up, towns, cities and counties find it more expensive to dispose of the normal trash that is put in the garbage.

Verizon's Environmental Affairs Organization (EAO) is responsible for managing all hazardous and regulated waste generated by Verizon's operations. This information sheet has been prepared to provide you with a basic overview of solid waste and hazardous waste rules.

### Regulatory Requirements

There are varying rules for managing different types of solid waste. Under federal regulations, it must be determined whether any waste created at a facility is classified as "hazardous waste". There are specific rules that must be followed when storing, handling and disposing of hazardous waste. If unsure whether there is hazardous waste at a location, ask a supervisor or contact a regional Environmental Affairs staff member or contact the 24-Hour Safety, Health and Environmental (SH&E) Hotline on 1-800-386-9639.

Many types of solid waste may require special handling, such as residues from spill cleanups (used oil absorbent material), spent degreasers, used oil, oil filters, outdated chemicals, PCBs (capacitors, fluorescent light ballasts), batteries, mercury relays, lead, and other metal-containing materials. Before disposing of any of these, contact Environmental Affairs for guidance.

Under federal and state regulations, a waste is considered "hazardous" if it is specifically listed in the regulations, or if it is *ignitable, corrosive, reactive, or toxic*. Your supervisor or Verizon Environmental Affairs staff member can help you in determining whether a particular material is a hazardous waste.

In order to be hazardous waste, a material first has to be considered a "waste". Materials that will be recycled or reused are not wastes. Outdated chemicals, or cleanup residue from chemical spills, may be hazardous waste. Any facility where hazardous waste is created is called a "hazardous waste generator".

You should try to keep the amount of hazardous waste generated at your facility as small as possible. Hazardous waste is expensive to dispose of, and the more you generate, the more regulatory requirements you have to meet. You should also limit the amount of time hazardous waste is stored at your location. Regulations require most generators to ship their hazardous waste off site within 90 days, using licensed transporters and disposal firms.

Some state and local regulations are more stringent than the federal rules. Contact the regional Environmental Affairs staff member for the requirements in your area.

### What you need to do:

1. Use good housekeeping to reduce the amount of waste stored at a site. Return unopened containers to the manufacturer whenever possible.
2. Try to reduce the amount of waste created through careful handling of materials and efficiently using products. Recycle and reuse products whenever possible.
3. Make sure any drum that contains hazardous waste is clearly labeled, kept closed, and is not leaking. Inspect drums on a weekly basis and document the inspection.
4. Make sure that any wastes requiring special handling are identified, and that everyone working in the area knows how to manage them. This applies to any

- chemicals, degreasers and petroleum products.
5. Never mix wastes.
  6. If you need advice on disposing of any solid waste, contact your regional Environmental Affairs staff member or call the Safety, Health and Environmental (SH&E) Hotline on 1-800-386-9639, option 2.
  7. If you need to dispose of a hazardous waste, or something that you think may be hazardous or regulated, call Verizon's 24-Hour SH&E Hotline at: 1-800-386-9639, option 2.
  8. Don't bring household hazardous wastes from home into your workplace.
  9. There are civil and criminal penalties for failure to promptly report spills that contaminate; if in doubt, report it by calling the Verizon 24-Hour SH&E Hotline at 1-800-386-9639, option 2.

**24-Hour  
Safety, Health and Environmental  
Hotline  
1-800-386-9639 option #2**

**THIS DOCUMENT WAS REVIEWED IN MARCH, 2002**  
InfoPoint® Document services brought to you by the Verizon Safety, Health, and Environment Organization

## **Manhole Water and Sediment Removal - Document 8517**

### **General Information**

Various contaminants may accumulate in a manhole such as petroleum products, lead and sewage. Certain precautions should be taken in order to protect you and the environment from these contaminants.

### **Regulatory Requirements**

Discharge of contaminated water or sediment onto the street, into a storm drain or into the environment is prohibited by law.

### **Caution**

Do not pump water from a manhole if the manhole water appears to be contaminated with materials such as sewage, petroleum (oil, gasoline, diesel) or other chemicals. Immediately contact your supervisor and the **Safety, Health and Environmental Hotline at 1-800-386-9639**. Choose option 2 to report the incident. An Environmental Affairs staff member will coordinate the appropriate response. For additional information on this subject, refer to the Manhole Water & Sediment Removal Practice, National Operation Doc. No.: 2001-00690-OSP, issued 11/2/2001.

### **Manhole De-watering Procedures**

#### **Purging, Ventilation and Testing of Manholes**

Before you start work in a manhole, you must adhere to the procedures outlined in Verizon's practice for purging, ventilating, and testing manholes. In Virginia, you must also comply with the state OSHA plan titled "VA Confined Space Standard for the Telecommunications Industry." Refer to SAF-100-006, Appendix A, for specific requirements associated with confined space procedures for the State of Virginia.

#### **Unusual Conditions**

After the manhole has been purged and tested, you must assess its contents to decide if it is safe to work in the manhole. As you assess the manhole, take special notice of anything unusual, such as exceeding the lower explosive limit (LEL), or the presence of sewage, gasoline or any other contaminants that could make the manhole unsafe. If you have reasons to believe it is unsafe to work in the manhole, do not enter or pump the manhole. Rather, you must immediately contact your supervisor and the Safety, Health and Environmental Hotline at 1-800-386-9639.

#### **Manhole Surface Shines**

If you notice a sheen (rainbow) or small surface contamination from roadway runoff, use absorbent pads or Imbiber Beads Pillows to remove the sheen. You can obtain the pads or pillows through the Outside Plant Products Catalogue using PID/SSI# 000986679 in the east and #912149 in the west. After the sheen has been removed, the manhole may be de-watered. Place used pillows into a plastic bag and bring them back to the garage or your work location for disposal. Training videos are available to indicate how the pillows are to be used. Contact the video library at 1-800-386-9639, option #6 to obtain copies of the training videos.

#### **De-watering and Sediment Removal**

Prior to dewatering the manhole, ensure that the pump is raised at least 3 inches above the manhole sediment. If the pump has been retrofitted with a device that automatically elevates the pump 3 inches above the sediment; you may lower the pump to the bottom of the manhole and start pumping. The 3-inch rule does not currently apply in CA and HI due to state discharge permit restrictions. In these locations you must follow Manhole Waste Water Practice 122-22001 and Batteries CO & Remote Installation & Maintenance Practice 628-025-016. If during the manhole pumping you notice sediment being discharged, stop pumping at once and raise the pump before continuing to pump. After the manhole has been dewatered, you need to assess the sediment and decide if you can work in the manhole without the need to remove it. The first preference is to work around the sediment. This can be achieved by moving the sediment away from plant equipment or by using a work platform. There is no regulatory or corporate requirement to remove the sediment. If you can work with the sediment in place, no further action is required. If the sediment obstructs plant equipment and must be removed, have your supervisor contact the SH&E 24-Hour Hotline on 800-386-9639 to arrange for sediment testing and removal.

For non-emergencies, the manhole sediment must be sampled before any sediment removal is done. If you need immediate access to the manhole, the cost associated with immediate removal of sediment will be charged back to the requesting department. SH&E will absorb the cost of testing and removing only sediment considered to be hazardous waste. Sediment that tests as non-hazardous can be removed by an OSP general contractor.

**What you need to do:**

1. Purge, test, and ventilate the manhole according to the procedures outlined in the company practices.
2. Inspect the manhole and check for anything unusual, such as odors, leaks, sewage or petroleum contamination.
3. If the water is clean, pump the water by lowering the pump 3 inches above the manhole sediment. (Must follow local practices in CA & HI.)
4. If you see sheen (rainbow) on the surface of the water, use absorbent pads or Imbibers Beads Pillows to remove it. Place the used pillows in the plastic bags provided and bring them back to the garage or your work location for disposal. Then you may proceed to pump the manhole as explained in item 3.
5. If more severe petroleum contamination exists call the SH&E 24-Hour Hotline.
6. If sediment does not obstruct plant equipment, complete the work with the sediment in place.
7. If sediment hinders work and must be removed, have your supervisor contact the SH&E 24-Hour Hotline to arrange for sediment testing and removal.

**24-Hour  
Safety, Health and Environmental  
Hotline  
1-800-386-9639, option #2**

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Appendix C

Manhole Waste Water Practice 122-622-001



# Manhole Waste Water

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## 1. General

### 1.1 Purpose

This practice provides instructions regarding:

- Use of the Waste Water Test Kit.
- Proper disposal of contaminated waste water.

### 1.2 Filing Instructions and Supersedures

File this practice in numerical order in your GTE Telephone Operations practices set.

This practice supersedes and cancels:

- All policies, procedures, general instructions, letters, and memoranda which address this subject.
- Any document which provides information contrary to the information contained in this practice.

## 1. General, continued

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### 1.3 Responsibility

This practice was published by the GTE Telephone Operations Administrative Services Department. For more information about this practice, contact the Headquarters Safety and Environmental Compliance Department.

### 1.4 Disclaimer

This practice was prepared solely for the use of GTE Telephone Operations. It must be used only by its employees, contractors, customers and end users, when installing, operating, maintaining, and repairing GTE Telephone Operations' equipment, facilities and services. Any other use of this practice is forbidden. The information contained in this practice may not be applicable in all circumstances and is subject to change without notice. By using this practice the user agrees that GTE Telephone Operations will have no liability (to the extent permitted by applicable law) for any consequential, incidental, special, or punitive damages that may result.

## 2. Overview

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### 2.1 Introduction

Guidelines set forth in this practice must be followed in order to:

- Protect the safety and health of GTE employees and the general public.
- Protect the environment from any damage resulting from contaminated waste water.
- Ensure that GTE Telephone Operations is in compliance with all applicable environmental regulations.

### 2.2 Background

Water that seeps into vaults, manholes, and other underground structures may be contaminated with hazardous substances. Sources of contamination include:

- Leaking underground storage tanks.
- Leaking pipelines.
- Leaks or spills from local industry.
- Waste that was disposed of improperly.

Federal, state, and local environmental regulations prohibit pumping and discharging contaminated water:

- Into a storm drain, ditch, or other conveyance.
- Into a creek, stream, or other body of water.
- Onto a roadway.
- Onto the ground.

### 2.3 References

For additional information related to this practice, see GTE Telephone Operations Practice 628-025-016, Underground Manholes - Testing and Ventilation Procedures.

### 3. Waste Water Test Kit

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#### 3.1 Contents

The following chart lists items contained in the Waste Water Test Kit.


Description of Item	Item ID
Complete Waste Water Classifier Kit	581020
Waste Water Classifier Test Strips (20)	581021
Laminated Color Chart	581022
Plastic Box for Kit Contents	581023
Roll of Synthetic Thread	581024

## 4. Test Kit Use

### 4.1 Instructions for Use

Use the Waste Water Test Kit to test the water found in vaults, manholes, and other underground structures before pumping the water from the structure.

The following chart outlines the waste water test procedure.

Step	Using the Waste Water Test Kit						
1	Test and ventilate the manhole as described in GTE Telephone Operations Practice 628-025-016.						
2	Enter the following in the test log (see the chart below): <ul style="list-style-type: none"><li>• Date of the test.</li><li>• Time of the test.</li><li>• Manhole number or location address.</li><li>• Your name or employee number.</li></ul>						
<table border="1"><thead><tr><th>If You Are In...</th><th>Then You Must Use...</th></tr></thead><tbody><tr><td>Any location other than California</td><td>Form 90005280, Waste Water Test Log</td></tr><tr><td>California</td><td>Form 90006213, Test Log—Manhole and Underground Vault</td></tr></tbody></table>		If You Are In...	Then You Must Use...	Any location other than California	Form 90005280, Waste Water Test Log	California	Form 90006213, Test Log—Manhole and Underground Vault
If You Are In...	Then You Must Use...						
Any location other than California	Form 90005280, Waste Water Test Log						
California	Form 90006213, Test Log—Manhole and Underground Vault						
3	Remove one test strip and the spool of twine from the test kit container.						
4	Run twine through the hole in the test strip and secure, as illustrated. 						
5	Cut the twine to an appropriate length to allow the test strip to reach the bottom of the manhole.						
6	Put on gloves or have a rag/paper towel available for holding the strip. <b>CAUTION: Because the waste water may be contaminated, avoid touching the test strip after it has been in the water.</b>						

(continued)

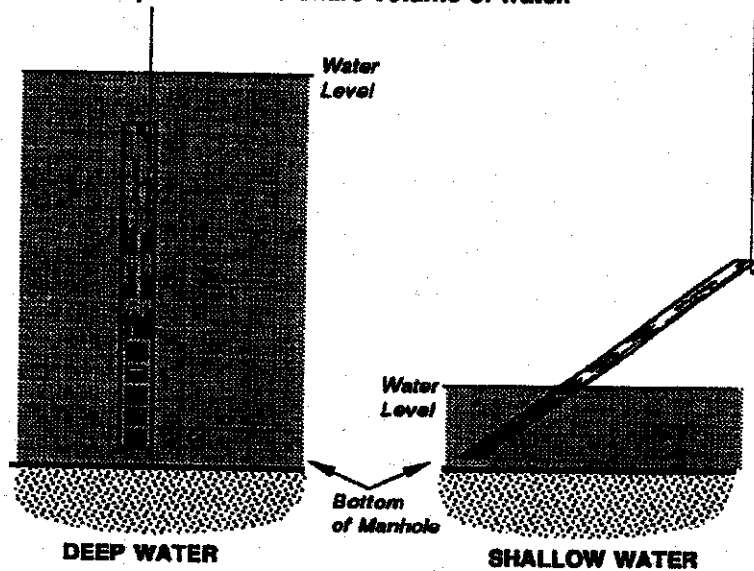
## 4. Test Kit Use, continued

### 4.1 Instructions for Use, continued

#### Step Using the Waste Water Test Kit

- 7 Lower the test strip into the manhole water, ensuring that all the test indicators are covered with water.

**NOTE:** In deeper water, stratification may occur. Lower the test strip well into the water to ensure that test indicators are exposed to the entire volume of water.



- 8 Remove the test strip from the manhole and shake it to remove excess waste water. Do not touch the test strip to your bare skin.

- 9 Examine the test strip for visible evidence of contamination.

**NOTE:** Heavy oils can coat the test indicators and mask any color changes, but the color changes will be visible.

If There is...	Then...
Visible evidence of contamination	<ul style="list-style-type: none"> <li>• Enter <i>P</i> (for Present) in the test log under Visible Risk.</li> <li>• Contact your supervisor.</li> <li>• Do not pump the manhole.</li> </ul>
No visible evidence of contamination	<ul style="list-style-type: none"> <li>• Enter <i>NP</i> (for Not Present) in the test log under Visible Risk</li> <li>• Proceed with the test.</li> </ul>

(continued)

## 4. Test Kit Use, continued

### 4.1 Instructions for Use, continued

#### Step Using the Waste Water Test Kit

- 10 Compare the test indicators to the color chart provided in the Waste Water Test Kit, or use the guide printed on the test strip (illustrated below).



If for Test Number(s)...	The Test Indicator Shows...	Then...
1 (Acid/Base Risk)	Strong Acid OR Strong Base  OR	<ul style="list-style-type: none"> <li>Enter <i>P</i> (for Present) in the appropriate column in the test log.</li> </ul>
2-5 (Other Tests)	<u>Any</u> risk is present	<ul style="list-style-type: none"> <li>Contact your supervisor.</li> <li>Do not pump the manhole.</li> </ul>
1 (Acid/Base Risk)	Moderate Acid, Weak Acid, Neutral, OR Moderate Base  AND	<ul style="list-style-type: none"> <li>Enter <i>NP</i> (for Not Present) in the appropriate column in the test log.</li> </ul>
2-5 (Other Tests)	<u>No</u> risk is present	<ul style="list-style-type: none"> <li>Proceed with pumping the manhole.</li> </ul>

## 5. Contaminated Waste Water

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### 5.1 Introduction

All contaminated waste water must be disposed of according to federal, state, and local environmental regulations. In some cases, a report must be filed with the regulatory agencies. Failure to do so may result in substantial fines and/or penalties.

Contact the GTE Area Environmental Compliance staff for further details on the disposal of contaminated waste water.

### 5.2 Disposal Contractors

All vendors/contractors used for transport, storage, and/or disposal of contaminated waste water must be:

- Permitted by federal and state environmental regulatory agencies.
- Approved GTE contractors.
- Operating under a current contract or general agreement.

Contact the GTE Area Environmental staff for a list of approved contractors.

### 5.3 Uniform Hazardous Waste Manifest

All waste water classified as hazardous that is being transported from a GTE facility (including a manhole) to a vendor recycling or disposal facility must be accompanied by a Uniform Hazardous Waste Manifest.

### 5.4 Record Keeping

Environmental regulations require that copies of all shipping documents and manifests be retained by the generator.

- Send a copy of all manifests and shipping documents to the GTE Area Environmental Compliance staff.
- Keep a copy of all manifests and shipping documents in a permanent file.

### 5.5 GTE Area Environmental Compliance Staff

The GTE Area Environmental Compliance staff is responsible for:

- Staying abreast of federal, state, and local environmental regulations.
- Corresponding with regulatory agencies concerning environmental activities.
- Maintaining records for all hazardous waste activities.
- Locating approved hazardous waste disposal contractors.

Forward copies of all information with environmental implications to the Area Environmental staff, including:

- Environmental permits.
- Correspondence with environmental regulatory agencies.
- Shipping documents/Uniform Hazardous Waste Manifests.

## 5. Contaminated Waste Water, continued

### 5.6 Disposal Process

The following chart defines the process and responsibilities associated with contaminated waste water in manholes, vaults, and other underground structures.

Stage	Who	What
1	Employee who discovers the contamination	Contacts supervisor. Does <b>not</b> pump the contaminated waste water.
2	Outside Plant Supervisor	Contacts the GTE Area Environmental Compliance staff: <ul style="list-style-type: none"><li>• For disposal instructions.</li><li>• For a list of approved vendors.</li><li>• To ensure that all reporting requirements are met.</li></ul>
3	Environmental Staff	<ul style="list-style-type: none"><li>• Provides technical guidance on disposal requirements.</li><li>• Provides a list of approved vendors.</li><li>• Contacts appropriate regulatory agencies, if necessary.</li><li>• Contacts Risk Management to determine whether GTE will pursue reimbursement from the source of the contaminations.</li></ul>
4	Outside Plant Supervisor	<ul style="list-style-type: none"><li>• Oversees the pumping and removal of contaminated waste water.</li><li>• Maintains a copy of all disposal records in a permanent file.</li><li>• Forwards a copy of all disposal records to the Area Environmental staff.</li></ul>
5	Environmental Staff	Maintains permanent disposal records.