



County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060-4070
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

THOMAS L. BOLICH
DIRECTOR OF PUBLIC WORKS

January 12, 2009

MR. ROGER BRIGGS
CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401-5415

SUBJECT: TRESTLE BEACH WASTEWATER TREATMENT PLANT
COUNTY SERVICE AREA NO. 20, ANNUAL REPORT
FOR JANUARY THROUGH DECEMBER 2008

Dear Mr. Briggs:

Enclosed is the monitoring data for the reporting period of January through December 2008 for the Trestle Beach Wastewater Treatment Plant, County Service Area No. 20. There were no violations of the waste discharge requirements to report during this period. This report is constructed to comply with the Third revised Monitoring and Reporting Program No. 97-10-DWG dated July 28, 2008.

During the year, 649,812 gallons were treated at an average of 1,780 gallons per day. Plant effluent was disposed of in the permitted leach fields. Approximately 243 pounds of solids were hauled from the plant and disposed of at the County of Santa Cruz Transmission Line Facility at East Cliff.

If you have any questions, please call the undersigned at (831) 477-3907.

Yours truly,

THOMAS L. BOLICH
District Engineer

By

Scott St. Denis
Treatment Plant Operations Supervisor

SS:rw
Enclosure
trestle_annual08.wpd

Date: 1/12/09

California Regional Water Quality Control Board
Central Coast Region
Attn: Monitoring and Reporting Review Section
895 Aerovista Place, Suite 101
San Luis Obispo, CA 93401

Dear Mr. Briggs:

Facility Name: Trestle Beach Waste Water Treatment Plant
County Service Area No. 20

Address: Paso Cielo Drive
La Selva Beach, CA

Contact Person: Scott St.Denis
Job Title: Chief Plant Operator
Phone Number: (831) 477-3902

WDR/NPDES Order Number: Third Revised Monitoring and Reporting Program
No. 97-10-DWQ WDID No. 3 441009001

Type of Report: Annual

Month(s):

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JAN	FEB	MAR	APR	MAY	JUN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
JUL	AUG	SEP	OCT	NOV	DEC	

Year: 2008

Violation(s) (Place an X by the appropriate choice): **No** (there are no violations to report) **Yes**

If yes is marked (complete a-g):

a) Parameter(s) in Violation:

b) Section(s) of WDR/NPDES Violated:

.....
.....
.....

c) Reported Value(s)

.....
.....

d) WDR/NPDES Limit/Condition:

.....
.....

e) Date of Violation(s)
(reference page of report/data sheet):

.....
.....

f) Explanation of Cause(s):
(attach additional information as needed)

.....
.....
.....
.....

g) Corrective Action(s):
(attach additional information as needed)

.....
.....
.....
.....

In accordance with the Standard Provisions and Reporting Requirements, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision following a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system, or those directly responsible for data gathering, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment

If you have any questions or require additional information, please contact me at the number provided above.

Sincerely,



Name: Scott St. Denis
Title: Treatment Plant Operations Supervisor

Regional Water Quality Control Board, Central Coast Region
 Third Revised Monitoring and Reporting Program No. 97-10-DWQ
 WDID No.3 441009001
 Trestle Beach Wastewater Treatment Facility, Santa Cruz County Service Area No. 20
 Annual Report

January 2008 through December 2008

Flow (measured daily, averaged monthly)

Waste Discharge Requirements- not to exceed 30,000 gallons per day of daily flow

	Average GPD	Total	Highest Daily	Pounds of Solids removed
January-08	1,757	54,454	3,673	
February-08	2,107	58,995	3,800	
March-08	1,557	48,266	3,172	28
April-08	1,261	37,837	1,659	29
May-08	2,288	70,943	6,114	
June-08	1,601	48,035	3,983	
July-08	3,409	105,694	5,940	48
August-08	1,712	53,064	2,052	
September-08	1,415	42,458	3,320	
October-08	1,334	41,354	2,030	138
November-08	1,330	39,893	2,191	
December-08	1,575	48,819	2,661	

Total gallons processed = 649,812
 Average daily flow = 1,780
 Lbs. of solids removed = 243

Effluent Settleable Solids (ml/l, sampled weekly, required weekly)

Waste Discharge Requirements- daily maximum 0.1 ml/l

	Week 1	Week 2	Week 3	Week 4	Week 5
January-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
February-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
March-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
April-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
May-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
June-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
July-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
August-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
September-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
October-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
November-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
December-08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Total Suspended Solids (mg/l measured monthly, required monthly)

Waste Discharge Requirements- quarterly average 50mg/l, daily maximum 75mg/l

	Influent	Effluent	% Reduction
January-08	140	2	98.6
February-08	1100	2.2	99.8
March-08	410	ND	99.0
April-08	300	3.6	98.8
May-08	13	3.4	73.8
June-08	37	6.4	82.7
July-08	990	ND	99.0
August-08	2100	5	99.8
September-08	390	2.2	99.4
October-08	940	3.4	99.6
November-08	350	3	99.1
December-08	830	ND	98.0

pH (measured monthly, required semi-annually)

Waste Discharge Requirements- not less than 6.5 or greater than 8.4

January-08	7.5
February-08	7.3
March-08	7.6
April-08	7.1
May-08	7.3
June-08	7.4
July-08	7.6
August-08	7.1
September-08	7.1
October-08	7.4
November-08	7.5
December-08	7.4

Effluent Nitrate as NO₃-N (mg/l, measured monthly, required annually)

January-08	19
February-08	16
March-08	19
April-08	32
May-08	26
June-08	23
July-08	39
August-08	27
September-08	20
October-08	15
November-08	13
December-08	14

Effluent Total Nitrogen (mg/l measured monthly, required semi-annually)

January-08	11
February-08	18
March-08	21
April-08	34
May-08	28
June-08	24
July-08	40
August-08	28
September-08	24
October-08	16
November-08	14
December-08	15

Effluent Chloride (mg/l measured monthly, required semi-annually)

January-08	61
February-08	62
March-08	48
April-08	51
May-08	69
June-08	62
July-08	82
August-08	60
September-08	65
October-08	56
November-08	59
December-08	85

In accordance with the Standard Provisions and Reporting Requirements, I certify under penalty of law that this document and all attachments were prepared under my direction or supervision following a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system, or those directly responsible for data gathering, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment

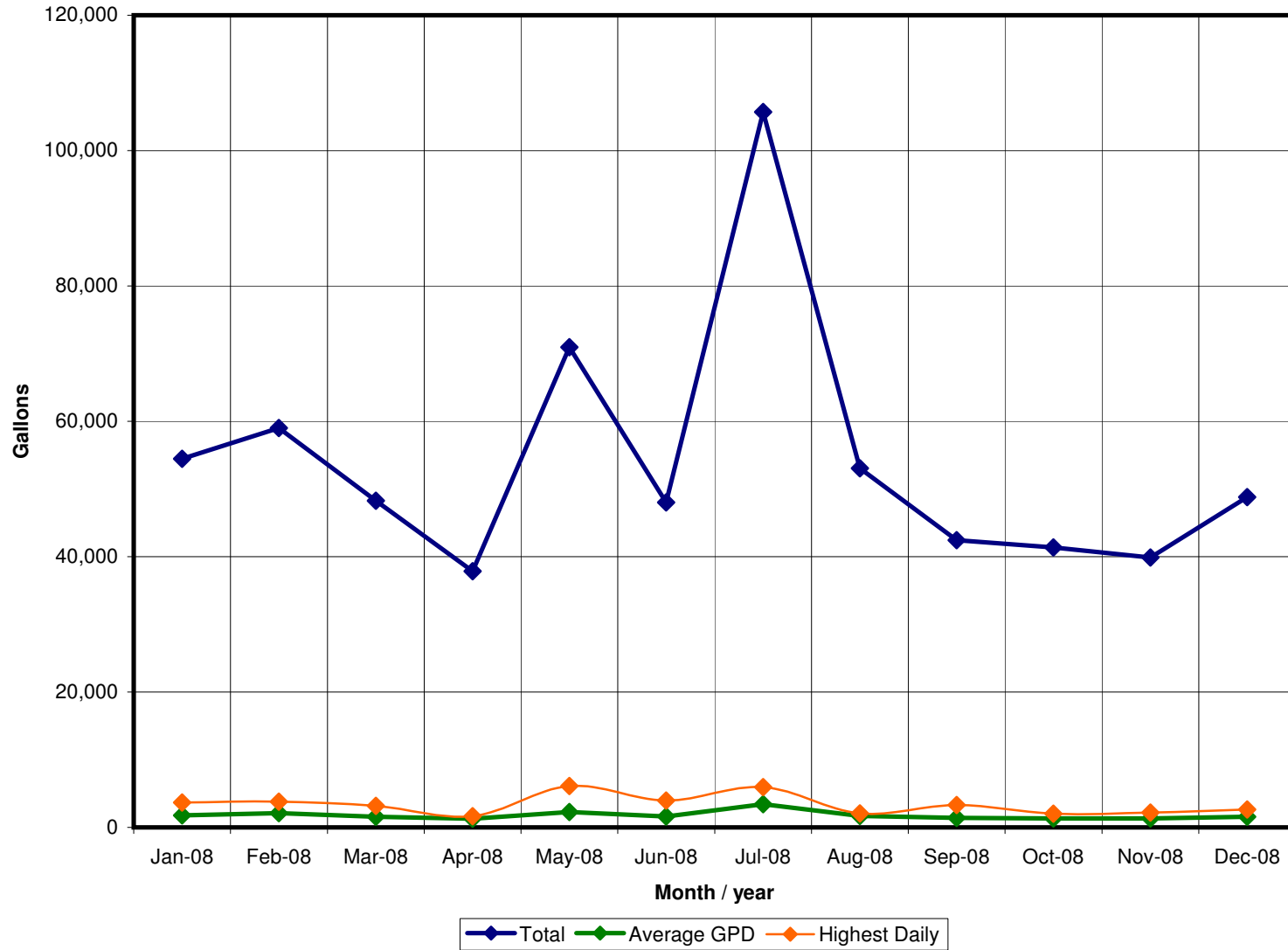
If you have any questions or require additional information, please contact me at the number provided above.

Sincerely,

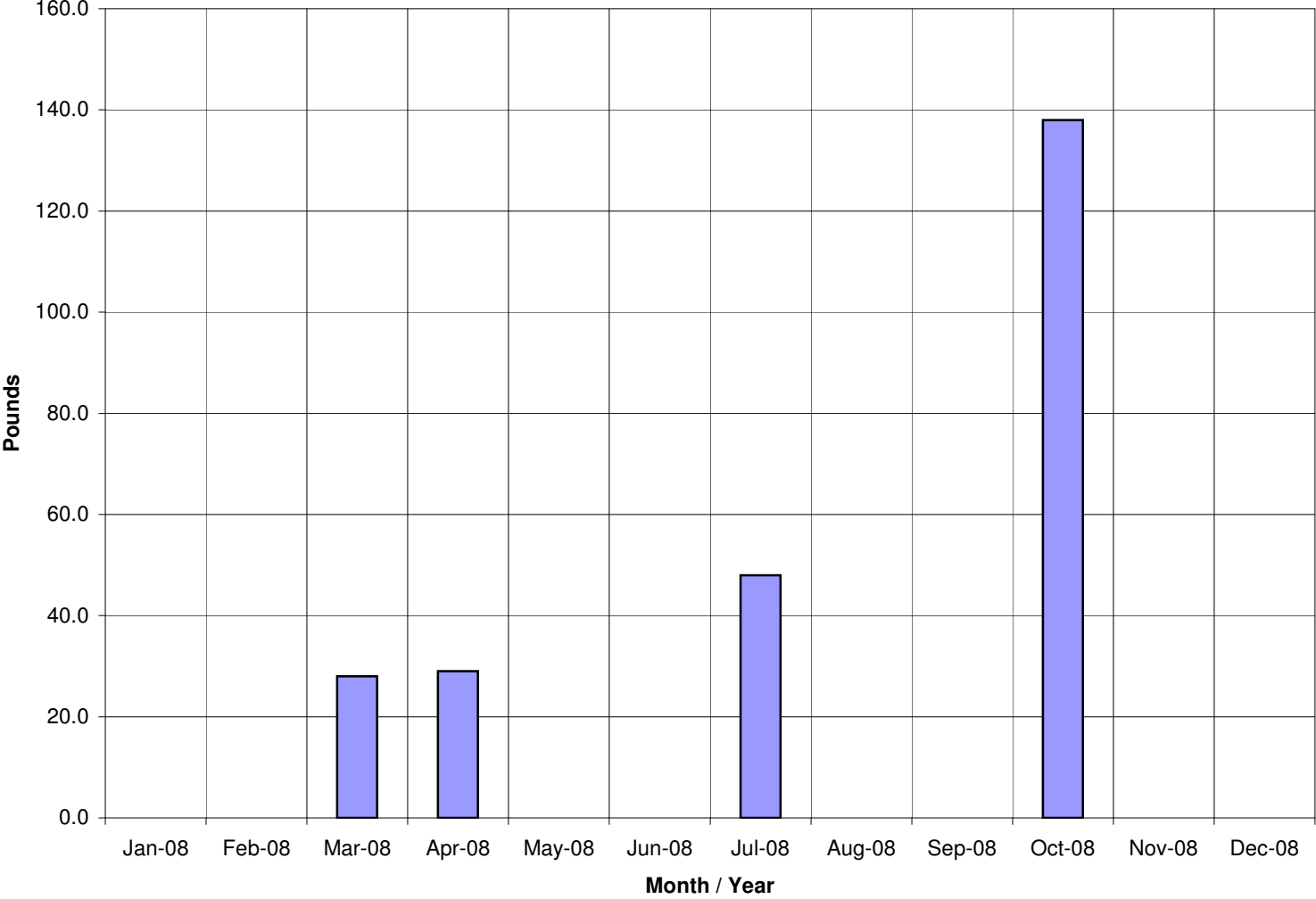


Name: Scott St. Denis
Title: Treatment Plant Operations Supervisor

Trestle Beach Flows



Solids Removed



■ Solids Removed

Data Chart

