

COUNTY OF SANTA CRUZ

OP Copy

INTER-OFFICE CORRESPONDENCE

DATE: June 18, 1980
TO: A.S.O. III Tom Thompson
Asst. Director-Operations John Fantham
FROM: Director of Public Works Don Porath
SUBJECT: PROCEEDINGS AND RESOLUTIONS OF INTENTION TO ESTABLISH COUNTY SERVICE
AREA NO. 20, TRESTLE BEACH-Board of Supervisors Agenda Item #53-6/17/80

At their meeting on June 17, 1980, the Board of Supervisors conducted the continued Public Hearing for the purpose of establishing C.S.A. #20 (Trestle Beach) which is located near La Selva Beach. The purpose of the C.S.A. is to "operate and maintain" a sanitary sewer system. Present in the Board room to assist me, if necessary, were the following: 1) Frank Thomas, Bowman and Williams; 2) Ray Talley, Environmental Health; 3) John Warren, Planning Department; 4) Tom Bolich, Public Works.

Two people appeared in objection to the formationMrs. Walker and Mr. Cramer, both of the La Selva Beach Homeowners Association. Their objection was to the location of the treatment facility and leach field.

The Board advised both of these people that this had been thoroughly discussed over the past many hearings. I suggested that the Board, if they so chose, could again hear the entire background of the design and location of the treatment facility....the above listed people were present to do this if necessary.

The immediate reaction of the Board was to approve the formation of C.S.A. #20 by a vote of three to two (Patton and Matthews NO).

Supervisor Forbus asked that we review with him the design of the facility so he could make a report to the concerned adjacent landowner (Mr. Fairbanks) who had contacted him.

D. A. Porath reviewed the design with Supervisor Forbus at noon hour (12:30pm) on Tuesday, August 12, 1980.

*Don Porath
8-12-80*

A.S.O. III Tom Thompson
Asst. Director-Operations John Fantham
6/18/80

Page 2

I advised the Board that although the developer, Dr. King, had deposited \$1,000 with Public Works for preliminary costs, that no budget had been set and the newly created C.S.A. #20 would not become effective until July 1, 1981, at which time service charges would be set.

DP/ra

cc - Phil Sanfilippo

LETTER OF TRANSMITTAL
 TRESTLE BEACH - CSA #20
 COUNTY SANITATION DISTRICT
 701 OCEAN ST., SANTA CRUZ, CALIF
 TELEPHONE (408) 425-2133

DATE June 18, 1980 JOB NO. 24850-
 ATTENTION JAMES J. ZAISER
 RE.
TRESTLE BEACH CSA #20
(TRACT 781)
Purestreams Package Treatment
Plant - 1st Submittal

TO J-M Squared Equipment
P.O. Box 2401
So. San Francisco, CA 94080

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Agreements Prints Plans Source Control Data Specifications
 Copy of letter Maps Refund Form _____

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>	<u>6-12-80</u>	<u>PT-10.5-3</u>	<u>Engineering Data</u>

THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment Sign and return to our office _____

REMARKS 1. Three-phase motor required on all motors.
2. Guarantee to begin at one year from
Date of Acceptance of Facility by County.

COPY TO Jack Newell
Bowman & Williams, Attn. F. Thomas

SIGNED: Tom Bohler

TLB:cgs

If enclosures are not as noted, kindly notify us at once

ENGINEERING

DATA

PROJECT: TRESTLE BEACH
APTOS, CA.
TRACT NO. 781

**RETURN TO
PURESTREAM INDUSTRIES**

APPROVED FOR FABRICATION

APPROVED AS NOTED

NOT APPROVED (REASON: _____)

BY: T.L. Bolich

DATE: JUNE 18, 1980

MODEL NO. PT-10.5-3

JUN 03 1980

See pg. 006, 009,
028 & 029
(clipped)



purestream industries inc.

a subsidiary of **TAIT Inc.** 1450 DIXIE HIGHWAY / COVINGTON, KY. 41011 / TELEPHONE (606) 491-5990

FILE COPY

2

J-M SQUARED EQUIPMENT

ENGINEERED EQUIPMENT FOR WATER AND SEWAGE
P. O. BOX 2401 • SOUTH SAN FRANCISCO, CALIFORNIA 94080
(415) 589-3214

June 12, 1980



County of Santa Cruz
Department of Public Works
701 Ocean St.
Santa Cruz, Calif. 95060

Attention: Tom Bolich

Subject: Purestreams
Package Sewage Treatment Plant
Trestle Beach
TRACT 781

Dear Tom:

Enclosed find three (3) copies of resubmittals per your request of May 28, 1980. As you have stated, all motors are 3 phase, aluminum service grating with hand rails is provided, a 1250 gallon sludge holding tank with piping is provided, and plant size is designed for 10,500 gallons.

Please send one copy for return to Purestreams marked approved or approved as noted to allow us to begin fabrication.

If you have any questions, please feel free to contact us at your convenience.

Yours very truly,

J-M SQUARED EQUIPMENT


James J. Zaiser

JJZ/nk

cc: Bowman & Williams - Frank Thomas

Milmar Development - Ron Miller

6/13

No.	Routing Date	Info	Copy	Atch	Sign.
1	Director		✓		DP
	Asst. Dir. Oper.				
	Drainage				
	Equip.				
	Road Maint.				
	Sanitation				
	Traffic				
	Permits				
2	Asst. Dir. Eng.		✓		PWS
	Design				
	Surveyor				
	Construction				
3	San. Eng.		✓	✓	TB
	Drainage				
	Real Property				
	Business Manager				
4	Secretary		✓		PN

3 recd. (3) attach.

COUNTY OF SANTA CRUZ
STATE OF CALIFORNIA

CERTIFIED COPY
SUPERVISOR'S ORDER

IN THE BOARD OF SUPERVISORS

On the date of JUNE 10, 1980

FILE COPY

ITEM NO. 42



(Consideration of establishment of
County Service Area No. 20, Trestle Beach
(continued to June 17, 1980, 10:45 a.m. . . .

Upon motion of Supervisor Matthews, duly seconded by Supervisor Forbus, it is ordered by the Board, with Supervisor Patton voting "NO" and Supervisor Liberty being absent, to continue consideration of the establishment of County Service Area No. 20, Trestle Beach, to June 17, 1980, at 10:45 a.m., with the public hearing remaining open.

6/11

Public Works
CAO

No.	Routing	Date	Info	Copy	Atch	Sign.
1	Director			✓		DP
	Asst. Dir. Oper.					
	Drainage					
	Equip.					
	Road Maint.					
	Sanitation					
	Traffic					
	Permits					
2	Asst. Dir. Eng.			✓		PWS
	Design					
3	Surveyor			✓		ghe
	Construction					
3	San. Eng.			✓		TUB
	Drainage					
	Real Property					
	Business Manager					
4	Secretary			✓		ml Ra

State of California, County of Santa Cruz—ss.

I, George J. Matthews, County Administrative Officer and Ex-Officio Clerk of the Board of Supervisors of the County of Santa Cruz, State of California, do hereby certify that the foregoing is a true and correct copy of the order made and entered in the Minutes of the said Board of Supervisors. In witness whereof I have hereunto set my hand and affixed the seal of said Board of Supervisors.

June 11, 1980

By Cara Webb Hannah, County Administrative Officer
Deputy Clerk

Volume #79

COUNTY OF SANTA CRUZ

INTER-OFFICE CORRESPONDENCE

FILE COPY

DATE: June 10, 1980

TO: A.S.O. III Tom Thompson

FROM: Director of Public Works Don Porath

SUBJECT: PROCEEDINGS AND RESOLUTIONS OF INTENTION TO ESTABLISH COUNTY SERVICE AREA NO. 20, TRESTLE BEACH-Board of Supervisors Agenda Item #42-6/10/8

At their meeting on June 10, 1980, the four member Board of Supervisors (Liberty absent) continued the establishment of C.S.A #20, Trestle Beach, for one week to 10:45 a.m. on June 17, 1980.

Because it was evident that a tie vote existed on the four member Board, the continuance was suggested by Supervisor Matthews.

Present in the audience was a Mr. Cramer....Director of the La Selva Beach Home Owners Association. It was quite evident that he was concerned about the location of the sanitation facility.

I advised him that I did not have the sanitation plans with me at the Board meeting (in Freedom today), and that he should contact Frank Thomas of Bowmen and Williams or our office regarding his concerns.

He mentioned some existing resident's name whose drainage might be affected by certain sanitation facility location. Therefore, please have Tom Bolich review the plans with the three of us; me, Phil Sanfilippo and John Fantham.

DP/ra

cc - John Fantham
- Phil Sanfilippo

LETTER OF TRANSMITTAL
 DEPT. OF PUBLIC WORKS
 COUNTY SANITATION DISTRICT - CSA #20
 701 OCEAN ST., SANTA CRUZ, CALIF.
 TELEPHONE (408) 425 - 2133

DATE	May 28, 1980	JOB NO.	24850-10
ATTENTION	Frank Thomas		
RE.			
TRESTLE BEACH SUBDIVISION			
Package Trt. Plant			
TRACT NO. 781			

TO BOWMAN & WILLIAMS
1011 Cedar Street
Santa Cruz, CA 95060

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Agreements Prints Plans Source Control Data Specifications

Copy of letter Maps Refund Form _____

COPIES	DATE	NO.	DESCRIPTION
1	5/22/80	—	Purestream Prefab. Sewage Treatment Plant Specs.

THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit 3 copies for approval

For your use Approved as noted Submit _____ copies for distribution

As requested Returned for corrections Return _____ corrected prints

For review and comment Sign and return to our office _____

REMARKS - All motors shall be 3-phase.
 - Eliminate all but service grating. Add Handrails with remaining grating to be aluminum only.
 - Add sludge holding tank with capacity of approx. 10% of total plant capacity (~1250 gallons, min.).
 - Minimum plant design for 31 units (ultimate) shall be no less than 10,500 gpd (based on Thomas' 6/79 calcs.)

COPY TO Jack Newell
James Zaiser, J-M²
P.O. BOX 2401
So. S.F. CA 94080

SIGNED: Thomas & Bolich

TLB:mla

If enclosures are not as noted, kindly notify us at once

REFER DIRECT TO: PUBLIC WORKS DEPARTMENT

Dated: May 19, 1980

By Order of Board of Supervisors
County of Santa Cruz
Richard C. Neal
Clerk, Board of Supervisors
By: Helen J. Brightwell, Supervising Clerk

Special Notation (if any): Please post attached
NOTICE OF HEARING (CSA #20 - TRESTLE BEACH) on
proposed territory to be annexed, as indicated
on attached map, no later than Friday,
May 23, 1980.

Affidavit of Posting requested please. Thanks.

BDS-1

20 of 5/22

hjb

NOTICE OF HEARING BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF SANTA CRUZ ON RESOLUTION OF INTENTION
TO ESTABLISH A COUNTY SERVICE AREA

NOTICE IS HEREBY GIVEN that on June 10, 1980, at 10:45 a.m., a public hearing will be held in the AGRICULTURAL EXTENSION SERVICE AUDITORIUM, 1432 FREEDOM BOULEVARD, WATSONVILLE, CALIFORNIA, on Resolution No. 312-80 of Intention by the Board of Supervisors of Santa Cruz County, State of California, to establish a County Service Area, the text of which is as follows:

WHEREAS, pursuant to Title 3, Division 2, Part 2, Chapter 3 of the Government Code of the State of California, a written request signed by two members of the Board of Supervisors of Santa Cruz County, requesting institution of proceedings for establishment of a county service area, was in proper form presented to this Board, which written request, prior to its circulation, has been approved by the Local Agency Formation Commission,

HOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors that:

1. A county service area is proposed to be established under the terms of the aforesaid chapter in the unincorporated area of Santa Cruz County. The boundary lines of the territories proposed for inclusion in the area are on file with the Clerk of the Board.
2. The name proposed for said county service area is Trestle Beach County Service Area No. 20.
3. The type of extended county service proposed to be provided in this area is operation and maintenance of sanitary sewer system.
4. Sufficient funds are available to pay for such service charges collected pursuant to Government Code Section 25210.77a.

BE IT FURTHER RESOLVED AND ORDERED that at the time, date and place hereby set for public hearing all interested parties may appear and be heard on the proposed Service Area formation. Persons desiring to make a written protest against said Service Area formation shall do so by written communication filed with the Clerk of this Board not later than the hour set for hearing. A written protest by a landowner shall contain a description sufficient to identify land owned by him, and a protest by a voter shall contain the residential address of such voter.

BY ORDER OF THE BOARD OF SUPERVISORS

DATED: May 13, 1980

GEORGE T. NEWELL, County Administrative
Officer and ex-officio Clerk of the
Board of Supervisors

By: HELEN J. BRIGHTWELL
Supervising Board Clerk

RESOLUTION NO. 312-80 OF INTENTION TO ESTABLISH A COUNTY SERVICE AREA

Agenda Date-May 13, 1980

DEPARTMENT OF PUBLIC WORKS



COUNTY OF SANTA CRUZ

22

GOVERNMENTAL CENTER

701 OCEAN STREET SANTA CRUZ, CALIFORNIA 95060

D.A. PORATH (408) 425-2032
DIRECTOR OF PUBLIC WORKS

PHIL W. SANFILIPPO (408) 425-2133
ASST. DIRECTOR ENGINEERING

JOHN A. FANTHAM (408) 425-2481
ASST. DIRECTOR OPERATIONS

*P/F
Res 312-80
P 2/3/80
M*

May 6, 1980

BOARD OF SUPERVISORS
AGREED
County of Santa Cruz

Date 4/12/80 Vol. 79

By Henry J. Brightwell
Deputy Clerk of the Board

SANTA CRUZ COUNTY BOARD OF SUPERVISORS
701 Ocean Street
Santa Cruz, Ca 95060

SUBJECT: PROCEEDINGS AND RESOLUTIONS OF INTENTION TO ESTABLISH
COUNTY SERVICE AREA NO. 20, TRESTLE BEACH

Members of the Board:

Section 25210.11a of the Government Code of the State of California requires that a written request, signed by two members of the Board of Supervisors, be filed with the Board after the Local Agency Formation Commission has given approval for establishing a County Service Area. This action is necessary prior to adoption of Resolutions of Intention.

The Local Agency Formation Commission has approved this application for establishing Trestle Beach CSA #20.

It is therefore recommended that the Board of Supervisors accept the "Letter of Request" and adopt the Resolution of Intention to begin the procedures.

Yours truly,

D. A. PORATH
Director of Public Works

TT:kk

Attachments

RECOMMENDED FOR APPROVAL:

County Administrative Officer

FILED May 13, 1980
GEORGE T. NEWELL, COUNTY
ADMINISTRATIVE OFFICER AND EX OFFICIO
CLERK OF THE BOARD OF SUPERVISORS OF
THE COUNTY OF SANTA CRUZ, CALIFORNIA
BY Henry J. Brightwell DEPUTY

BOARD OF SUPERVISORS
(408) 425-2201



COUNTY OF SANTA CRUZ

GOVERNMENTAL CENTER

701 OCEAN STREET SANTA CRUZ, CALIFORNIA 95060

DAN FORBUS
(FIRST DISTRICT)

MARILYN D. LIDDICOAT
(SECOND DISTRICT)

GARY A. PATTON
(THIRD DISTRICT)

CHRIS MATTHEWS
(FOURTH DISTRICT)

PAT LIBERTY
(FIFTH DISTRICT)

FILE COPY



May 6, 1980

Board of Supervisors	APPROVED	CO; as ma ed to:	No.
County of Santa Cruz		Auditor	
		SAFO.	1
Date: 4/13/80		Co. Counsel:	
By: [Signature]		Public Works	✓
Deputy Clerk of the Board		[Signature]	1
		[Signature]	1

P/L no

SANTA CRUZ COUNTY BOARD OF SUPERVISORS
701 Ocean Street
Santa Cruz, Ca 95060

SUBJECT: REQUEST TO INSTITUTE PROCEEDING TO ESTABLISH
COUNTY SERVICE AREA FOR TRESTLE BEACH CSA #20

Dear Members of the Board:

We request that the Board of Supervisors institute proceedings to establish a County Service Area pursuant to Title 3, Division 2, Part 2, Chapter 2 of the Government Code of the State of California, for Trestle Beach CSA #20, boundaries of which are indicated on Attachment "A".

The type of extended County Service to be provided within this area is to operate and maintain a sanitary sewer system.

Application for organization of the County Service Area was approved by the Local Agency Formation Commission, and the Final Map of Trestle Beach, Tract 781, has been approved by the Board of Supervisors.

Yours truly,

Marilyn D. Liddicoat

MARILYN D. LIDDICOAT
Supervisor Second District

D. Dan Forbus

D. DAN FORBUS
Supervisor First District

FILED *May 13, 1980*
GEORGE T. NEWELL, COUNTY
ADMINISTRATIVE OFFICER AND EX-OFFICIO
CLERK OF THE BOARD OF SUPERVISORS OF
THE COUNTY OF SANTA CRUZ, CALIFORNIA
BY *[Signature]* DEPUTY

Enclosure

5/15

No.	Routing Date	Info	Copy	Atch	Sign.
1	Director		✓		DP
	Asst. Dir. Oper.				
	Drainage				
	Equip.				
	Road Maint.				
	Sanitation				
	Traffic				
	Permits				
2	Asst. Dir. Eng.		✓		PWS
	Design				
3	Surveyor	✓			gh
	Construction				
	San. Eng.				
	Drainage				
	Real Property				
4	Business Manager	✓			
5	Secretary		✓		RA

CF
COUNTY OF SANTA CRUZ

INTER-OFFICE CORRESPONDENCE

DATE: January 23, 1980
TO: Accounting, Mary Hanson
FROM: Sanitation Engineering, Tom Bolich *TLB*
SUBJECT: TRESTLE BEACH SUBDIVISION - PROPOSED CSA NO. 20
APN 45-022-01

In order to allow Trestle Beach, Inc. to proceed with acquisition of building permits for the subject proposal, the Department has arranged for the developer to provide a fee of \$850/unit for their 21 townhouses as a deposit for the future operations cost of the sewer service area. Therefore, the developer will be bringing in a time certificate of deposit for \$17,850, the interest on which will accrue to the owner/developer. The Department shall retain said certificate until the Board of Supervisors establishes the actual service charges for the CSA and said charges are collected with that year's taxes.

In addition, the developer was charged a non-refundable \$1,000 CSA-processing fee, which was collected by the Planning Department for Public Works at the time the building permits were purchased. This fee should be placed in a work order to be charged-to at this time.

TLB:cgs

County Dept. of Public Works
TO 701 Ocean Street
Santa Cruz, 95060

FROM

Bowman & Williams, Civil Engineers
P. O. BOX 521-1621
SANTA CRUZ, CA 95060
428-3560

SUBJECT: Trestle Beach, Tract 781 San. Sewerage DATE: 10/31/79

FOLD ↑ Attention: George Clever

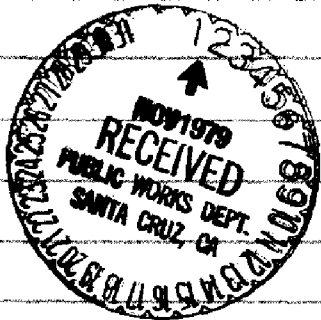
Herewith the construction cost estimate for sanitary
sewerage treatment & disposal.

File No 17879

PLEASE REPLY TO → SIGNED

R.F. Thomas

REPLY



DATE:

SIGNED

GRAYARC CO., INC., BROOKLYN, N. Y. 11232

THIS COPY FOR PERSON ADDRESSED

STANDARD AND PRACTICE S...
 C...
 MA...

No	Routing Date	Info	Copy	Atch	Sign.
1	Director		✓		DP
	Asst. Dir. Oper.				
	Drainage Equip.				
	Road Maint.				
	Sanitation				
	Traffic				
	Permits				
2	Asst. Dir. Eng.		✓		AMS
	Design				
3	Surveyor		✓		gkg
	Construction				
	San. Eng.				
	Drainage				
	Real Property				
	Business Manager				
4	Secretary		✓		PA

APR 1954
 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

STANDARD AND PRACTICE S...
 C...
 MA...

SANITARY SEWERAGE CONSTRUCTION COST ESTIMATE

1/

1. Sewerage

1. Pipe 8" CL1500	638 L.F.	@ \$11.00	\$ 7,018.00
2. Pipe 8" Ductile Iron 222	L.F.	@ 15.00	3,330.00
3. Wyes 8 x 6	9 EA.	@ 50.00	450.00
4. Pipe 6" SVC Lateral	120 L.F.	@ 8.00	960.00
5. Cleanout Co. Std.	1 EA.	@ 400.00	400.00
6. Manholes Co. Std.	5 EA.	@ 650.00	3,250.00
7. Jacked Sleeve	70 L.F.	@ 300.00	2,100.00
8. Exposed pipe pedestals	21 EA.	@ 300.00	6,300.00

Sub Total 1.

\$23,808.00

11. Treatment Plant & Disposal

1. Plant complete - full grid - comminutor, foam spray bar, flow meter & recorder	1 EA.		27,516.00
2. Installation - Excavate - Conc. base	L.S.		4,000.00
3. Area fencing	112 L.F.	@ 16.00	1,792.00
4. Inlet piping	L.S.		200.00
5. Outlet piping & distributing box			350.00
6. Disposal pits complete	19 EA.	@ 1,200.00	22,800.00
7. Disposal piping			13,728.00
8. Water line 1"	601 f. w saddle		400.00
9. Electrical Hookup	L.S.		600.00
10. Area Base Course	52 Tons @	15.00	780.00

Sub Total 11.

\$ 72,166.00

Total Construction Cost:

\$ 95,974.00

CF

LETTER OF TRANSMITTAL

COUNTY OF SANTA CRUZ
DEPARTMENT OF PUBLIC WORKS
701 OCEAN ST., SANTA CRUZ, CALIF.
TELEPHONE (408) 425-2133

DATE	OCT. 19, 1979	JOB NO.	24850-10
ATTENTION	FRANK THOMAS		
RE.	TRESTLE BEACH SUBDIVISION (TRACT NO. 781) PROPOSED C.S.A. IMPROVEMENTS		

BOWMAN & WILLIAMS
1011 CEDAR STREET
Santa Cruz, Calif.

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Agreements Prints Plans Samples Specifications

Copy of letter Maps Cost Estimate _____

COPIES	DATE	NO.	DESCRIPTION
1	9/7/79	C9	SEWAGE TREATMENT PLANT DETAILS

THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit 3 copies for approval

For your use Approved as noted Submit _____ copies for distribution

As required Returned for corrections Return _____ corrected prints

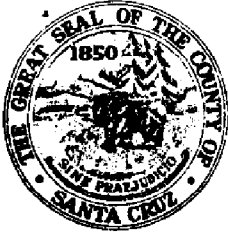
For review and comment Sign and return to our office _____

REMARKS

Please include drawings of CAN-TEX, or equal, plant construction details as sheet C10 ... and following as necessary, as part of these drawings. Plans and accompanying specs. should be done in sufficient detail for use as the construction drawings and documents.

COPY TO George Clever
(no copy of attach. needed)

SIGNED: Tom Bolich, Sanitation Engr.



LOCAL AGENCY FORMATION COMMISSION

GOVERNMENTAL CENTER

701 OCEAN STREET

ROOM 235

SANTA CRUZ, CALIFORNIA 95060

425-2380

FILE COPY

August 9, 1979

SANTA CRUZ COUNTY BOARD
OF SUPERVISORS
c/o Clerk of the Board
701 Ocean Street
Santa Cruz, CA 95060

SUBJECT: TRESTLE BEACH NO. 564

Dear Members of the Board:

Attached are two certified copies of Resolution No. 564 of the Santa Cruz Local Agency Formation Commission approving proceedings for formation of County Service Area No. 20 designated as: Trestle Beach County Service Area No. 20. Preliminary Proceedings were initiated by the landowner.

The Board of Supervisors must initiate proceedings within 70 days after date of the approval by the Commission.

After adoption of the resolution forming the County Service Area, the following documents must be returned to the Local Agency Formation Commission for completion of the proceedings:

1. Five certified copies of the resolution forming the County Service Area.
2. Five copies of the legal description marked Exhibit "A" and five copies of the map marked Exhibit "C".
3. A warrant made out to the State Board of Equalization in the amount of \$190.00.

Sincerely,

T. E. Nantus
Acting Executive Officer

TED:ntm

Attachments

cc: Dr. John J. King
Public Works
Environmental Health/CRA



8/15

No.	Position	Date	Info	Other
1				✓ DP
2				✓ LG
2a				✓ purg
2b				✓ ✓ gh
3				✓ P1
4	secretary			✓ R



FILE COPY

LOCAL AGENCY FORMATION COMMISSION

GOVERNMENTAL CENTER 701 OCEAN STREET ROOM 235
SANTA CRUZ, CALIFORNIA 95060 425-2380

TRESTLE BEACH NO. 564 CREATION OF A COUNTY SERVICE AREA

LAFC Petition No. 564

Report of the Executive Officer

Hearing Date: August 8, 1979

Issued pursuant to provisions of Section 54794 of the Government Code

=====

The proposed creation of a County Service Area is related to a Planned Unit Development Permit approved by the County of Santa Cruz which states as one of its conditions, "All sanitation systems shall meet the requirements of the Environmental Health Service". The area involved consists of 11.7 acres at the end of Camino Al Mar between Los Barrancos subdivision and the beach west of La Selva Beach.

The proposal for 32 condominium townhouse units has been under consideration in various forms since 1973. The Planned Unit Development Permit (copy attached) was finally approved on January 11, 1979. One of the conditions was to annex to the La Selva Beach Fire Protection District and your Commission authorized those proceedings to go forward at the June 6 Commission meeting. Another condition states that the Environmental Health Service must approve all sanitation systems which, in effect, would permit either an individual septic system or a package treatment plant (community sanitation system). The proposal before you calls for a package treatment plant and the creation of a County Service Area so that service charges could be made to pay the County Department of Public Works for maintaining the system.

The County Environmental Health Officer and the State Regional Water Quality Control Board agree that a package treatment plant is feasible and will approve final plans with any necessary modifications before the County Board of Supervisors accept the final subdivision map and proceed with the creation of the County Service Area.

The County Department of Public Works states that when the treatment plant is designed and installed to its and the Health Officers requirements the most appropriate way to maintain the plan would be through the creation of a County Service Area for that purpose.

The Coastal Commission considered this project in July and continued the matter until July 30, so that staff could develop additional information to support its recommendations for approval with conditions.

The territory involved lies within the Urban Services Line.

I RECOMMEND that the Commission authorize proceedings to create a County Service Area designated as Trestle Beach No. 564 with the understanding that the Board of Supervisors may complete these proceedings only after receiving the recommendations of the County Environmental Health Officer and the Director of Public Works that the proper handling of sewage can best be accomplished through the County Service Area.

Respectfully submitted,

George Newell

[Handwritten signature]

Acting Executive Officer
Santa Cruz Local Agency
Formation Commission

Dated: July 27, 1979

cc: Dr. John J. King
Environmental Health
Public Works
Board of Supervisors
CRA



Routing Date	8/3
Director	✓
Public Works	✓
Environmental Health	✓
Board of Supervisors	✓
Secretary	3

[Handwritten signature]



BOWMAN & WILLIAMS
CONSULTING CIVIL ENGINEERS
A CALIFORNIA CORPORATION

1011 CEDAR • P.O. BOX 521 • SANTA CRUZ, CA. 95061 • (408) 426-3560

July 30, 1979

FILE COPY



Regional Water Quality Control Board
Central Coast Region
1122 Laurel Lane
San Luis Obispo, CA. 93401

Attention: John Goni

Re: Trestle Beach Tract 781
Santa Cruz County
File No. 17879

Gentlemen:

Forwarded herewith are two copies of WRCB Form 200 and supporting documentation. The following refers to your SWRCB Form 200 Appendix for item identification numbering

- I A.1,3 Form 200 and attached map.
- I B.1,2 Form 200
- B.3 Variations anticipated are those expected from the build up and occupancy of a small, limited development. After full occupancy, a variation of between 70% to 90% of design capacity is expected.

- I D.1,2 & 3 Water will be supplied by the Soquel Creek County Water District. The primary source is well water, largely from the upper Purisma formation.

Quality conforms to State Health Standards
Quantity is ample.

- F. The present owner and developer 2) is Dr. John J. King
1595 Soquel Drive
Santa Cruz, CA. 95065

The operating agency for the facility will be County Service Area No. 20
County of Santa Cruz
& Director of Public Works.
701 Ocean Street
Santa Cruz, CA. 95060

G. Attached

H. Filing fee of \$100.00 calculated as less than .01 mgd.

II. A. 1. The treatment proposed is an extended aeration plant equipped to provide comminution, aeration and settlement. Chlorination of the final effluent is not proposed. The plant proposed is rated at 10,000 gallons per day with an average 24 hrs. detention time.

II. B. 1. Effluent leaching pits per the drawing enclosed.

II. D. 1. Percolation tests have not been performed. Preliminary soils data indicate favorable leaching conditions.

II D. 2. Per drawing attached.

Very truly yours,

BOWMAN & WILLIAMS

R. Frank Thomas
R. Frank Thomas

RFT:ps
cc: Raynor Talley
Phil Sanfilippo

10/16

No.	Routing Date	Info	Conv	Atch	Sign
1	Director		✓		DP
2	Asst. Dir. Oper.		✓		pe
	Drainage				
	Equip.				
	Road Maint.				
	Sanitation				
	Traffic				
	Permits				
3	Asst. Dir. Eng.		✓		PWS
	Design				
4	Surveyor		✓	✓	gfm
	Construction				
	San. Eng.				
	Drainage				
	Real Property				
	Business Manager				
5	Secretary		✓		mh

STATE OF CALIFORNIA
 THE RESOURCES AGENCY OF CALIFORNIA
 CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

REPORT OF WASTE DISCHARGE
 Pursuant to Division 7 of the State Water Code

FOR USE OF REGIONAL BOARD

(A) REPORT FROM:

Discharger: Dr. John I. King

Owner of Facility, Municipality, County, District, Firm or Individual:

Mailing Address: 1595 Soquel Drive 95065

Zip Code

Telephone No. (408) 476-0700

Name of Facility: Trestle Beach Townhouses, Tract No. 781

WRCB Form 200 Rev'd _____

Duty Fee: _____

Letter to _____

Discharger: _____

Report Rec'd: _____

Effective Date: _____

(B) DESCRIPTION

I. WASTE DISCHARGE: check

1. New discharge _____
2. Existing discharge _____
3. Increase in quantity of discharge _____
4. Change in character of waste _____
5. Change in place or means of disposal _____

II. LOCATION OF POINT OF DISPOSAL OR OPERATION: describe and attach map, sketch or locate on USGS Quadrangle map, 15 minute series. List distances of bearing and distance from section corner or quarter corner, Section, Township, Range and Base and Meridian.

See map attached

III. WASTE TREATMENT OR DISPOSAL FACILITIES: check

1. Construction of entire new facilities _____
2. Enlargement of existing facilities _____
3. Other explain: _____

(C) TYPE OF WASTE DISCHARGE: check

1. Sewage only _____
2. Industrial wastes only _____
3. Mixed sewage and industrial wastes _____
4. Solid wastes _____
5. Cattle wastes _____
6. Soil, silt, clay, etc. _____
7. Other wastes _____

(D) QUANTITY OF WASTES:

1. Present or proposed flow (in mgd) 0068
2. Design flow (in mgd) 0068
3. Present population 0
4. Design population 69
5. Solid waste disposal site (in cubic yards) 0
6. Area in which soil will be disturbed (in acres) 0

(E) SOURCE OF WATER SUPPLY:

1. Municipal or utility service
2. Individual wells _____
3. Surface supply:
 - a. Name of Stream _____
 - b. Type of Water Rights: Riparian _____ Appropriation _____
 - c. Water Rights Permit or License Number _____

(F) ENVIRONMENTAL MEDIA REPORT: EIR

1. Has an EIR been prepared for this project? Yes No _____
2. If yes, please attach copy _____
3. If no, will you file a complete EIR? _____
4. If yes, who will prepare the EIR? _____

ALL OF THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND ARE SUBMITTED UNDER PENALTY OF PERJURY.

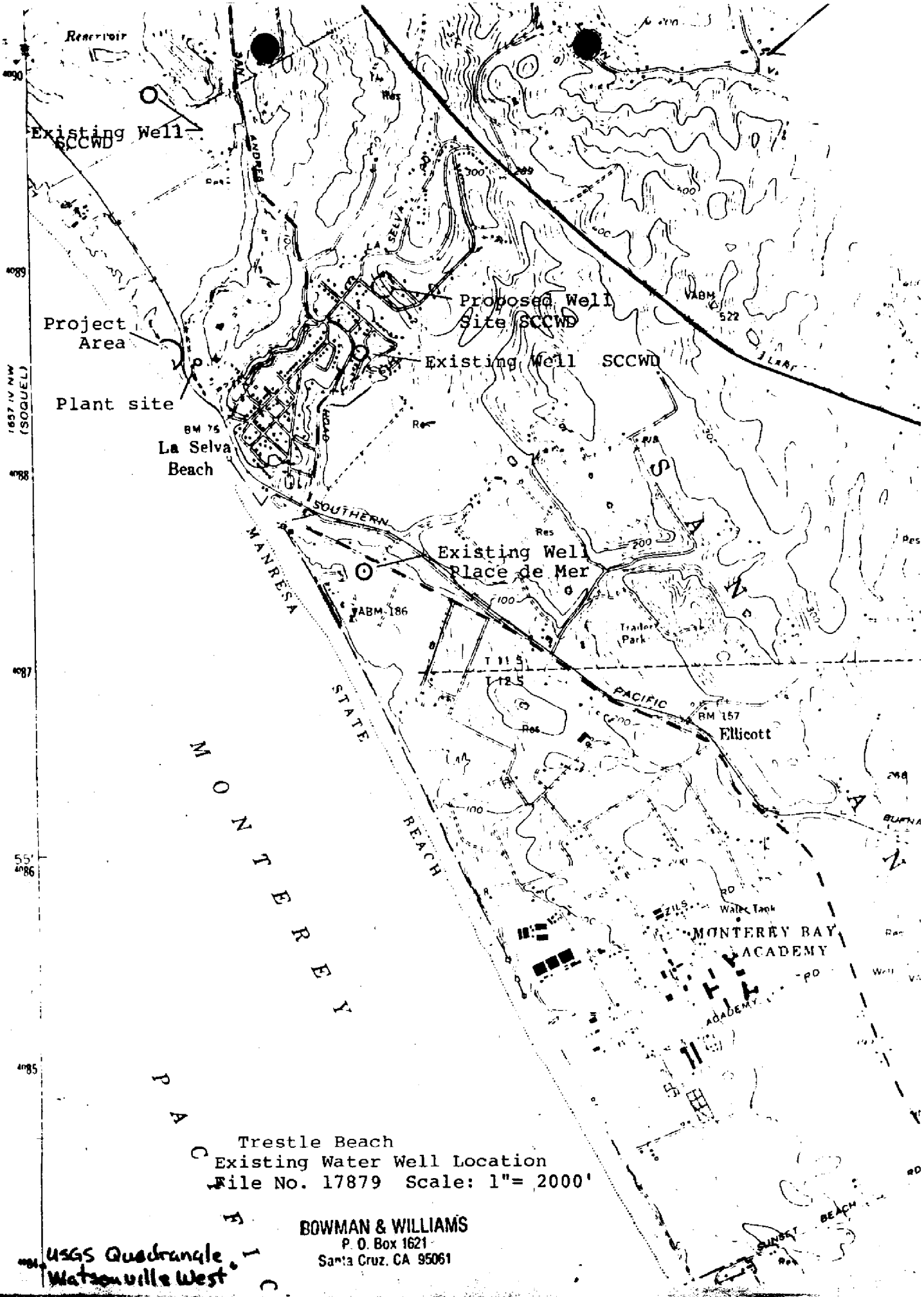
SIGNATURE OF AUTHORIZED PERSON _____

Title _____

Manager, Clerk, Engineer, Consultant, etc.

Date _____

You will be notified of the correctness of filing fee and submit all of any additional information deemed necessary to complete your Report of Waste Discharge pursuant to Division 7, Section 13260 of the State Water Code.



Trestle Beach
 Existing Water Well Location
 File No. 17879 Scale: 1" = 2000'

BOWMAN & WILLIAMS
 P. O. Box 1621
 Santa Cruz, CA 95061

USGS Quadrangle
 Watsonville West

FILE COPY

SANTA CRUZ LOCAL AGENCY FORMATION COMMISSION

NOTICE OF PUBLIC HEARING BEFORE THE
SANTA CRUZ LOCAL AGENCY FORMATION COMMISSION
UPON A PETITION FOR THE CREATION OF A
COUNTY SERVICE AREA WITHIN SANTA CRUZ COUNTY

NOTICE IS HEREBY GIVEN that a petition requesting consent to initiate proceedings for a County Service Area in the County of Santa Cruz has been filed with the Executive Officer of the Santa Cruz Local Agency Formation Commission by John J. King. The proposal provides for the creation of a County Service Area near the northwestern edge of La Selva Beach and westerly of Los Barrancos subdivision to be known as Trestle Beach to provide the means of the funding of the operation and maintenance cost of a sanitary sewer system. Said petition is on file at the office of said Executive Officer, Governmental Center, 701 Ocean Street, Santa Cruz, California, and may be examined by any interested person. Reference is hereby made to said petition for further particulars.

NOTICE IS HEREBY GIVEN that said Executive Officer has fixed August 8, 1979 at the hour of 9:30 a.m. in the Board of Supervisors Chambers, Room 060, County Governmental Center, 701 Ocean Street, Santa Cruz, California, as the date, time, and place of public hearing by said Commission upon the proposed petition. All persons desiring to be heard on this matter should appear at the above time and place.

George Newell
T. E. Tucker

Acting Executive Officer
Santa Cruz Local Agency Formation Commission

Dated: July 18, 1979

RECEIVED
SANTA CRUZ CO.

1979 JUL 20 PM 12:40

DEPT. OF
PUBLIC WORKS

7/20

Routing	Date	Info	Asst	Copy	Sign
1					
2					
3					
4					
5					

1111 0023

July 18, 1979

Local Agency Formation Commission
ATTN: Ted Durkee

Environmental Health Service

Trestle Beach Subdivision, Tract No. 781

A preliminary review by the Environmental Health Service reveals that soil conditions may be favorable for seepage pits for sewage effluent leaching purposes within the Trestle Beach Subdivision. Test borings indicate the soil to be primarily sand or clayey sand throughout. There were no aquicludes or free-standing water noted.

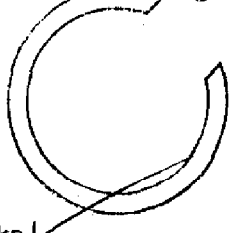
The seepage pits must be located on the upper portion of the bluff and placed a minimum of 75 feet back from the face of the cliff. There is inadequate space in other areas of the property due to water courses, slope and setbacks. The well(s) location is unknown at this time, but the water source must be a minimum of 150 feet from the seepage pits.

It is recommended that the entire sewage treatment facility be placed in a separate County service area for maintenance purposes.

This agency has not received a sewage disposal plan. Final approval and evaluation for a variance from the Board of Supervisors Resolution 125-72 cannot be granted until this plan is received and approved.

RDC:eb

cc: CRA
Public Works



7/19

No.	Routing Date	Info	Act	Coord	Sign
1	Director				✓ [Signature]
2	Asst. Dir.				✓ [Signature]
	Dir. _____				
	Engr. _____				

3	Asst. Dir. _____				✓ [Signature]

4	Supervisor _____				✓ [Signature]

5	_____				✓ [Signature]

	Water Inspector _____				
	Real Property _____				
	Business Manager _____				
6	Secretary _____				✓ [Signature]



BOWMAN & WILLIAMS
CONSULTING CIVIL ENGINEERS
A CALIFORNIA CORPORATION

1011 CEDAR • P.O. BOX 521 • SANTA CRUZ, CA. 95061 • (408) 426-3560

26 June, 1979

ALL COPY



County of Santa Cruz
Environmental Health
701 Ocean Street
Santa Cruz, CA. 95060

Attention: Mr. L. Raynor Talley, Director

Re: Trestle Beach, Tract 781, Sewage
and effluent disposal
File No. 17879

Gentlemen:

This letter will be the report and recommendations resulting from a review of the geologic and soils data relative to the referenced project as requested on June 25, 1979. Part of the data considered has been summarized in a previous letter, which is incorporated into this summary by attachment, and modified to the extent that the well site reservation noted on p. 5 has been deleted from the Soquel Creek County Water District requirements.

Since December 7, 1978, the date of the letter, additional data has been obtained from additional test borings made during March, 1979, and reported April 1979, a copy of which is attached.

These borings confirm the data developed by the earlier test series (H-LA in 1973 and J. R. Reynolds in 1975) copies of which are in your files. The data developed from these tests provided the basis for the seepage limit estimate data and plot delivered to your office on June 25, 1979.

In summary, without repetition of all the pertinent paragraphs of these reports, the physical facts are reported as follows:

1. Soils: The site is the top of an eroded terrace, noted by the CDMG Santa Cruz Sheet of the Geologic Map of California as Pleistocene nonmarine rock (Aromas Red Sands). The soils reports note a clay enriched horizon from near the surface to an average - in the leach pit area - depth of fifteen feet. Below this zone, the soil is a rather uniform clean sand underlying the site.

2. Hydrology: The site is near the discharge end of a 3 mile long, unnamed, intermittent stream (USGS, Watsonville West Quadrangle). The drainage area above the site includes some 3.2 square miles of area, about 80% of which is designated as Moro Cojo series soils. These soils are classified by the Soil Conservation Service as

hydrologic group A indicating a low runoff soil. Since the drainage area is largely grassland, in fair condition, runoff could be expected only in the event of a storm series, in close succession. The existence of the clay enriched horizon noted above would appear to preclude any significant addition to ground water from percolation in the basin.

3. Physiography: The tract site and the disposal field site are located at the extreme southern end of a peninsula bounded on the south west by Monterey Bay and on the North east by the unnamed creek noted above. In this location, the area is isolated from the effects of ground water recharge areas further inland. This premise is reinforced by the failure to find ground water in any of the borings made last March immediately after a storm series.

4. Ground Water: The formation noted, the Aromas Red Sands of Allen provides a local aquifer for shallow wells in the south end of the county. For this site, the combination of elevation and proximity to Monterey Bay appears to preclude the existence of a usable aquifer within the zone affected by the plant leachate.

Most of the wells noted by the map attached to the previous letter draw water from the Purisima Formation which underlies the Aromas Red Sands. The single possible exception, the Place de Mer well, is too far away for hydraulic transfer from Trestle Beach.

5. Plant Effluent: The water to be discharged into the leach pits will be treated water of higher quality than septic tank discharge. The removal of settleable solids; the reduction of BOD and bacterial levels by aeration, and the increased dissolved oxygen content of the effluent should operate to keep the leach pit efficiency at a high level.

For specific consideration, the permanent ground water level is probably at or very near mean sea level. This provides an impermeable bottom to the site. The permeability of the sand combined with the probable tilt toward the Bay would preclude the build up of a permanent effluent level under the leach pit area.

Conclusions:

This particular site, on the basis of the above appears to provide, in all respects, a very favorable environment for the use of a small, isolated treatment plant. The favorability of the site is enhanced by the fact that the site does not lend itself to expansion in the near future.

Very truly yours,

BOWMAN & WILLIAMS

R.F. Thomas
R.C.E. 11875

RFT:ps

Encls. Letter dated 12/7/78

Soils report HLA dated April, 1979

cc: Wencs- County D.P.W.



BOWMAN & WILLIAMS
CONSULTING CIVIL ENGINEERS
A CALIFORNIA CORPORATION

1011 CEDAR • P.O. BOX 521 • SANTA CRUZ, CA. 95061 • (408) 426-3560

May 11, 1979

Mr. Bill Victorson
1 Oak Road
Santa Cruz, California 95060

Re: Sand Dollar Beach - Effluent
Disposal Pits
File No. 17879

Dear Mr. Victorson:

This letter will cover the #5 item of page 2 of the Coastal Commission letter addressed to you, dated April 26, 1979, relative to the "failure of the Sand Dollar system and its hearing on the design of the proposed treatment plant."

It should be understood that the following information has been furnished by the Santa Cruz County Department of Public Works, the agency responsible for the operation and maintenance of all County sanitation facilities.

It should also be understood that the Sand Dollar "failure" was by no means a "plant failure." The system lost no operating time, nor was it necessary to suspend or curtail service.

Briefly, the Sand Dollar effluent disposal pits were constructed by drilling 40 inch diameter holes to a depth of approximately 50 feet and filling these holes with drain rock. Drain rock is a durable rock graded over a very narrow range of size, resulting in a material with a large void ratio. Plant effluent is piped into the top of the pit and released to drop through the rock, which disperses and distributes the flow through the pit. In addition to the distributive function, the rock also slows down the flow velocity to protect the pit walls.

In operation, the pits fill to various levels, because the rate of inflow to the pits is greater than the rate of outflow by seepage, so that in a line of pits those first in line will fill during high inflow periods and drain more slowly during the low inflow period, with a resultant fluctuation of the water surface.

Over a period some ten years, this fluctuation led to an erosion of the pit walls, i.e. sand from the pit walls migrated into the voids in the drain. This continued migration led to the formation of a cavity large enough to cause subsidence of the surface.

These subsidences were not large enough, and caused no interference with the operation of the plant or of the disposal pits. They did present a potential liability to the County so that remedial construction was undertaken.

The pit reconstruction plan was identical to the original with the addition of a casing or pit lining to prevent a recurrence of the pit wall erosion cycle with eventual surface subsidence. The department, as a result of this occurrence, has adopted this construction as a minimum for County operated and maintained plants.

Since the proposed Trestle Beach system will be in this category, the seepage pit construction, in addition to the rest of the plant, will be constructed to the standards stipulated by the department.

The direct result of the foregoing will be to increase the initial construction cost of the plant. This increase is acceptable to the project owners, since it will also provide for better reliability of the system.

Very truly yours,

BOWMAN & WILLIAMS

R. F. Thomas

R. F. Thomas
R.C.E. 11975

RFT:kw



HARDING-LAWSON ASSOCIATES

ENGINEERS AND ARCHITECTS
55 MITCHELL BLVD. SUITE 200
SAN JOSE, CALIFORNIA 95128

SK
RFT

RECEIVED
MAY 17 1979

BOWMAN & WILLIAMS

May 10, 1979

5955,002.01

Dr. John J. King
c/o Mr. Bill Victorson
One Oak Road
Santa Cruz, California 95060

Dear Dr. King:

Supplemental Report
Soil Investigation
Planned Trestle Beach Development
La Selva Beach, California

This letter supplements our soil investigation report for the Trestle Beach development dated April 19, 1979. This supplement is in regard to the planned on-site sewage treatment facilities and its possible affect upon slope stability within the development. In our report we indicated the need for precautionary measures relative to the on-site facility including the recommendation for a conservative design to reduce ground-water buildup in the area of the leaching pits.

Subsequent to the submittal of our report, we are in receipt of engineering design information for the treatment facilities prepared by Bowman and Williams, Civil Engineers, transmitted to us by your architects. The information includes estimates of the rise in the water table that would occur in the area of the leaching pits located at the more southerly location as a result of disposal of approximately 10,000 gallons per day of effluent. The rise in water table would be a small fraction of a foot at a distance of 100 feet from the pits. Consequently the rise would not be significant with respect to the nearest slopes which lie at least 200 to 300 feet away from the pit location within the elevation range that could conceivably be influenced by the leaching pit operation.

We understand from discussions with Bowman and Williams that the facility would contain about 20 pits; this is estimated to be a conservative approach based on their experience with similar facilities in the area. Furthermore, we understand that the treatment plant and leaching pit facility will include installation of water level monitoring devices also in accordance with our recommendations.

Dr. John J. King
May 10, 1979 - Page 2

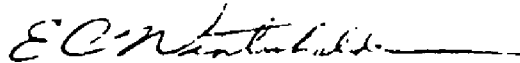
HARDING-LAWSON ASSOCIATES

Based on the information provided us relative to the leaching pit design in relation to our geological data, we believe that the design is conservative and in accordance with our recommendations and should have no significant influence on slope stability within the development.

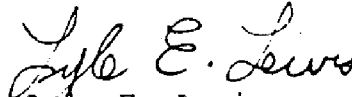
We trust this provides the information you require.

Yours very truly,

HARDING-LAWSON ASSOCIATES



E. C. Winterhalder,
Engineering Geologist - 272



Lyle E. Lewis,
Civil Engineer - 16360

ECW/LEL/ib

1 copy submitted

3cc: MLTW/Turnbull Associates, Architects & Planners
Pier 1-1/2 The Embarcadero
San Francisco, California 94111

1cc: Bowman and Williams, Civil Engineers
P. O. Box 1620
Santa Cruz, CA 95060

Attention: Frank Thomas