

TO: BOARD OF DIRECTORS
FROM: BRUCE BUEL *BSB*
DATE: JUNE 8, 2007

**AGENDA ITEM
E-7
JUNE 13, 2007**

APPLICATION FOR SERVICE - TRACT 2523 – CYLONE AND TEJAS

ITEM

Consider Schaefer water and sewer intent-to-serve letter application for 7-lot single-family subdivision (Tract 2523) at Tejas and Cyclone [RECOMMEND APPROVAL].

BACKGROUND

The applicant for this project, Will Schaefer, on May 11, 2007 requested an Intent-to-Serve letter for water and sewer service to a seven lot subdivision (six new services) for his 2.5 acre property located between Cyclone and Tejas and paid a \$50.00 administrative fee. Attached is his application, an AP map, a sheet from NCSD's water atlas illustrating water utilities and a sheet from NCSD's sewer atlas illustrating sewer utilities. Also attached is a printout illustrating the current status of the AY 2006-2007 water allocation for single family homes.

The calculation of the projected water demand are determined by the allocation policy. According to Section 3.05.030(A) in page 2 of the Allocation Policy, the projected "total demand, including landscaping" shall be established as .55 AFY per single family dwelling unit located on a parcel size of 10,000 square feet or greater. Thus, this project would consume 3.3 acre feet of water (six times .55). As set forth in the attached Water Allocation Accounting Summary, the District has approved 14.1 acre feet in other single family dwelling projects in Allocation Year 2006-07, leaving 18.4 AF available this allocation year.

RECOMMENDATION

Staff recommends your Honorable Board direct staff to allocate water to the project in accordance the District's water allocation policy and authorize issuance of the Intent-to-Serve (ITS) letter for the project with the following conditions:

- A Will-Serve letter for the project will be issued after development plans are approved and signed by General Manager.
- Make a non-refundable deposit ("Deposit") at the time the District issues a Will-Serve letter in an amount equal to the then calculated Fees for Connection.
- Fees for Connection shall be calculated and owing as of the date the District sets the water meter(s) to serve the affected property from which the amount of the Deposit shall be deducted.
- The District will set water meter(s) upon proof of a building permit from the County of San Luis Obispo and that the District has accepted improvements to be dedicated to the District, if applicable.
- Intent-to-Serve letters shall automatically terminate in Two (2) years. However, applicant shall be entitled to a one-year extension upon proof of reasonable due diligence in processing the project.
- This Intent-to-Serve letter shall be subject to the current and future rules, agreements, regulations, fees, resolutions and ordinances of the District.
- This Intent-to-Serve letter may be revoked, or amended, as a result of conditions imposed upon the District by a court or availability of resources, or by a change in ordinance, resolution, rules, fees or regulations adopted by the Board of Directors.
- SPECIAL CONDITION – Applicant shall construct gravity collection main in Cyclone along the entire frontage of the property.

Should your Honorable Board not wish to approve this intent to serve letter, this matter should be continued and policy direction provided to staff regarding the policy changes that the Board wishes to consider before it considers this application.

ATTACHMENT

- Current Application
- Water Allocation Accounting Summary

T:BOARD LETTER 2006\SERVICE REQUEST TRACT 2523.DOC



NIPOMO COMMUNITY SERVICES DISTRICT

148 SOUTH WILSON STREET
POST OFFICE BOX 326 NIPOMO, CA 93444 - 0326
(805) 929-1133 FAX (805) 929-1932 Website: ncsd.ca.gov

Office use only:
Date and Time
Complete
Application and
fees received:

RECEIVED

MAY 15 2007

NIPOMO COMMUNITY SERVICES DISTRICT

INTENT-TO-SERVE/WILL-SERVE APPLICATION

- 1. This is an application for: X Sewer and Water Service Water Service Only
- 2. SLO County Planning Department/Tract or Development No.: 2523
- 3. Attach a copy of SLO County application.

Note: District Intent-to-Serve letters expire eight (8) months from date of issue, unless the project's County application is deemed complete.

- 4. Project location: 230 CYCLONE ST., NIPOMO, CA
- 5. Assessor's Parcel Number (APN) of lot(s) to be served: 092-123-007
- 6. Owner Name: WILL SCHAEFER
- 7. Mailing Address: 230 CYCLONE ST., NIPOMO, CA 93444
- 8. Email: Ø
- 9. Phone: 805-929-5140 FAX: Ø
- 10. Agent's Information (Architect or Engineer):
Name: TEC ENGINEERING - CYLE COLES
Address: 4115 BROAD ST., STE. B1, SAN LUIS OBISPO, CA 93401
Email: ccoles@tecslo.com
Phone: 805-541-2114 FAX: 805-541-2132

- 11. Type of Project: (circle as applicable)
 Single Family Residence Duplex Secondary (a.k.a Granny) Unit
 Multi-Family (under single roof) Commercial Mixed-Use (commercial & residential)

12. Number of Dwelling Units 7 Number of Low Income units 0

13. Does this project require a sub-division? YES (yes/no)
If yes, number of new lots created 6 [7 LOTS TOTAL]

- 14. Site Plan:
For projects requiring Board approval, submit six (6) standard size (24" x 36") copies and one reduced copy (8½" x 11"). Board approval is needed for the following:
 - more than four dwelling units
 - property requiring sub-divisions
 - higher than currently permitted housing density
 - commercial developments

All other projects, submit three (3) standard size (24" x 36") and one reduced copy (8½" x 11").

Show parcel layout, water and sewer laterals, and general off-site improvements, as applicable.

15. **Water Demand Certification:**

A completed Water Demand Certification, signed by project engineer/architect, must be included for all residential and the residential-portion of mixed use.

16. **Commercial Projects Service Demand Estimates:**

Provide an estimate of yearly water (AFY) and sewer (MGD) demand for the project.
Please note: All commercial projects are required to use low water use irrigation systems and water conservation best management practices.

17. **Agreement:**

The Applicant agrees that in accordance with generally accepted construction practices, Applicant shall assume sole and complete responsibility for the condition of the job site during the course of the project, including the safety of persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and the Applicant shall defend, indemnify, and hold the District and District's agents, employees and consultants harmless from any and all claims, demands, damages, costs, expenses (including attorney's fees) judgments or liabilities arising out of the performance or attempted performance of the work on this project; except those claims, demands, damages, costs, expenses (including attorney's fees) judgments or liabilities resulting from the negligence or willful misconduct of the District.

Nothing in the foregoing indemnity provision shall be construed to require Applicant to indemnify District against any responsibility or liability or contravention of Civil Code §2782

Application Processing Fee..... **\$50.00**
(Non-refundable payment attached to this application)

Date 5-15-07 Signed William R. Schaefer
(Must be signed by owner or owner's agent)

Print Name WILLIAM R. SCHAEFER

WATER DEMAND CERTIFICATION

Supplement to Intent-to-Serve/Will Serve Application

Definitions

(Please note – these definitions do NOT reconcile with standard SLO County Planning department definitions)

Multi-family dwelling unit – means a building or portion thereof designed and used as a residence for three or more families living independently of each other under a common roof, including apartment houses, apartment hotels and flats, but not including automobile courts, or boardinghouses.

Two-family dwelling units (duplex) – means a building with a common roof containing not more than two kitchens, designed and/or used to house not more than two families living independently of each other.

Single-family dwelling unit – means a building designed for or used to house not more than one family.

Secondary dwelling units – means an attached or detached secondary residential dwelling unit on the same parcel as an existing single-family (primary) dwelling. A secondary unit provides for complete independent living facilities for one or more persons.

Commercial Projects

Commercial projects are exempt from Water Demand Certification; however, low water-use irrigation systems and water conservation best-management practices are required. The dwelling component of Mixed-Use projects (e.g. commercial and residential), are required to provide Water Demand Certification for the dwelling unit portion of the project.

Non-Commercial Projects

Water Demand Certification is required for all non-commercial projects and for the dwelling units of Mixed-Use. Certification must be signed by a licensed Engineer/Architect.

- - - Go to next page for demand calculation and certification - - -

Demand Calculation (for new dwelling units only)

Total project water demand (dwelling units including irrigation), by District standard, is as follows:

Number of Multi-family Units	_____	X	0.18	=	_____
Number of Duplexes/Secondary Units	_____	X	0.3	=	_____
Number of Single Family Units with:					
Parcel less than 4,500 sq. ft.	_____	X	0.3	=	_____
Parcel between 4,500 and 10,000 sq. ft.	_____	X	0.45	=	_____
Parcel greater than 10,000 sq. ft.	<u>6</u>	X	0.55	=	<u>3.3</u>
Total demand all dwelling units including irrigation				=	<u>3.3</u>

Certification

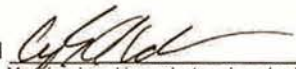
I the undersigned do here by certify:

Project design incorporates low water use landscape and landscape irrigation systems.

The design maximum total water demand, including landscaping does not exceed the following:

- 0.18 AFY per Multi-Family Dwelling Unit;
- 0.3 AFY per Dwelling Unit for duplexes and Secondary Dwellings;
- 0.3 AFY per Single Family Dwelling Unit located on a parcel size of four thousand five hundred (4,500) square feet or less;
- 0.45 AFY per Single Family Dwelling Unit located on a parcel size between four thousand five hundred (4,500) and ten thousand (10,000) square feet.
- 0.55 AFY per Single Family Dwelling Unit located on a parcel size that exceeds ten thousand (10,000) square feet.
- 0.85 AFY for the entire parcel when a secondary home is being added.


Note: "AFY" = acre-foot per year
 Parcel size is net area

Signed  Date 5/3/2007
Must be signed by project engineer/architect

Title VP OF ENGINEERING License Number 76113

Project TRACT 2523 (e.g. Tract Number, Parcel Map #, APN)

RECEIVED
MAY 15 2007
NIPOMO COMMUNITY SERVICES DISTRICT


TRACT # 2523
WILCO BUILDERS
WILLIAM R. SCHAEFER
 230 CYCLONE ST. 805-929-5140
 NIPOMO, CA 93444

90-2188/1222 No. **4302**
 0611309401
 5-15-07

In Order of Willy
NCSD

\$ 50.00

00
 100

MIDSTATE BANK & TRUST
 NATIONAL CITY BANK - MEMBER FDIC
 CUSTOMER SERVICE 800-433-7111
 OPENED ACCOUNT TO STATE APP.

William R. Schaefer

1 2 2 2 2 1 6 8 6 1 4 3 0 2 0 8 1 1 3 0 8 4 0 1 1

 * Nipomo CSD *

 148 S Wilson
 PO Box 326
 Nipomo, CA 93444

May 15, 2007 Receipt #.: 60996
 Tuesday 11:00 am Register #: 000
 By: DONNA Terminal ID: T0

APFL
 APPLICATION FEE 50.00 50.00
 Cmt: TRACT 2523

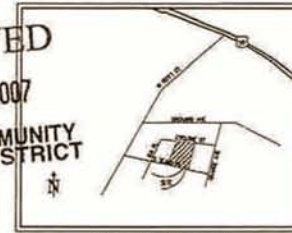
Total 50.00

Check # 004302
 Check Amt...: 50.00
 Cash.....: .00
 Amt Tendered: 50.00
 Total Paid...: 50.00
 Change.....: .00
 Paid By.: WILLIAM SCHAEFER TRACT 2523

RECEIVED
 MAY 15 2007
 NIPOMO
 SERVICE CENTER

**IMPROVEMENT PLANS FOR
TRACT 2523
TOWN OF NIPOMO
COUNTY OF SAN LUIS OBISPO, CALIFORNIA**

RECEIVED
MAY 15 2007
**NIPOMO COMMUNITY
SERVICES DISTRICT**



VICINITY MAP
N.T.S.



LOCATION MAP

OWNER:
WILLIAM SCHAEFER
230 CYCLONE STREET
NIPOMO, CA 93444
(805) 929-5140

ENGINEER:
TEC ENGINEERING
4115 BROAD STREET
SUITE B-1
SAN LUIS OBISPO, CA 93401
(805) 541-2114
(805) 541-2132 FAX

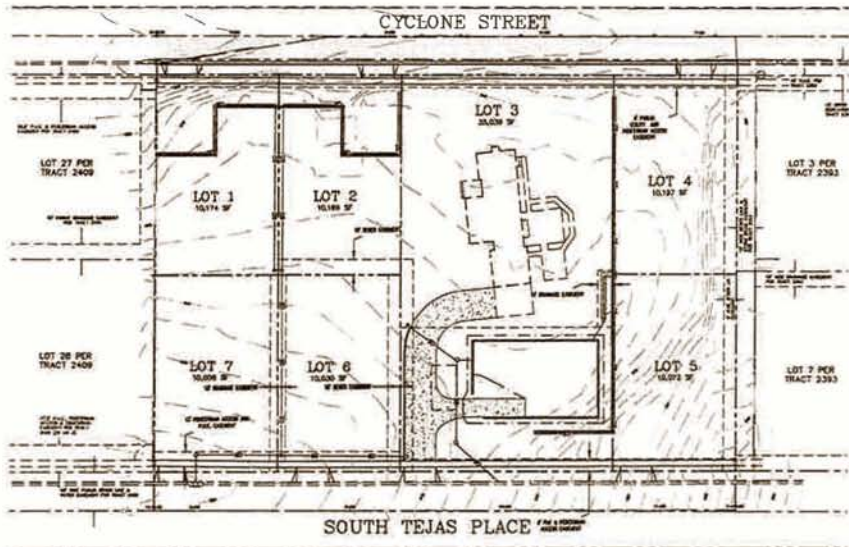
GEOTECHNICAL ENGINEER:
EARTH SYSTEMS PACIFIC
308 NORTH FIRST STREET
LOMPOC, CA 93436
(805) 737-9755

SHEET INDEX

- COVER SHEET AND SITE PLAN NOTES
- CYCLONE STREET IMPROVEMENT PLANS
- UNDER SECTIONS FOR CYCLONE STREET
- SOUTH TEXAS PLACE IMPROVEMENT PLANS
- GRAVING AND GRAVING PLAN
- STORM DRAIN PROFILES
- RETAINING WALL PROFILES AND SECTIONS
- UTILITY PLAN
- EROSION CONTROL PLAN
- EROSION CONTROL DETAILS 1 OF 3
- EROSION CONTROL DETAILS 2 OF 3
- TRAFFIC CONTROL PLAN
- CONSTRUCTION DETAILS (1 OF 4)
- CONSTRUCTION DETAILS (2 OF 4)
- CONSTRUCTION DETAILS (3 OF 4)
- CONSTRUCTION DETAILS (4 OF 4)
- (HW) STRUCTURAL NOTES AND TYPICAL DETAILS
- (HW) RETAINING WALLS (1 OF 2)
- (HW) RETAINING WALLS (2 OF 2)

LEGEND

NO	EXPAND CENTER	PVE	PUBLIC UTILITY EASEMENT
---	PAVED DRIVEWAY	SD	STORM DRAIN
---	PROPERTY LINE	SE	SEWERY SEWER
---	(D) BOUNDARY LINE	S	SEWER
---	FLOOR LINE	SW	SEWER VALVE
---	EDGE OF PAVEMENT	AW	AIR RELEASE VALVE ASSEMBLY
---	BOUNDARY LINE	HW	WATER VALVE
---	TOP OF CONSTRUCTION	HW	WATER VALVE ASSEMBLY
---	TOP OF PROPOSED	HW	WATER SEWER
---	TOP OF CURB/TOP OF CURBLINE	HW	WATER
---	FINISHED GRADE	HW	W/OT
---	(E) ELEVATION	H	HORIZONTAL
---	FL	FL	FLOOR LINE
---	HP	HP	HIGH POINT
---	TO	TO	TOP OF GRADE
---	FS	FS	FRESH SURFACE
---	FS	FS	FRESH SURFACE
---	FL	FL	FLOOR LINE
---	O	O	ORANGE CHAMBERED CONES
---	SW	SW	SEWER VALVE ASSEMBLY
---	FW	FW	FIRE WARDEN
---	SW	SW	SEWER VALVE
---	TP	TP	TYPICAL
---	HW	HW	WATER



UTILITY COMPANY SIGNATURES

THE UTILITY DISTRIBUTION AND SERVICE LOCATIONS SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY AND SHOULD NOT BE CONSIDERED A FINAL DESIGN.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL THE UNDERGROUND FACILITIES PER THE CONSTRUCTION PLANS & SPECIFICATIONS PROVIDED BY EACH UTILITY COMPANY.

UTILITIES MAY NEED TO ALTER THEIR DESIGN FROM THE SERVICE LOCATIONS SHOWN ON THESE PLANS DURING FUTURE DESIGN ACTIVITIES OR DURING CONSTRUCTION. THIS MAY RESULT IN ADDITIONAL REVISION COSTS, ADDITIONAL CASSEMENTS, OR CHARGES TO THE OWNER FOR THIS WORK.

IT IS THE OWNER'S RESPONSIBILITY TO VERIFY THE LOCATION FOR EACH UTILITY SERVICE PRIOR TO THE INSTALLATION OF THE UTILITY COMPANY FACILITIES AND PROVIDE ADEQUATE EASEMENTS FOR SUCH SERVICES.

PROPERTY BENCHMARK
TO USE THIS BENCHMARK - TOP OF MARK LOCATED ON EXISTING NOSE OF PROPOSED ROAD & GRAVING PROFILE. ELEVATION = 322.17 (DATE 00)

BASED ON BEARINGS
BEARINGS REFERRED TO THE SOUTHWEST CORNER OF SOUTH TEXAS PLACE, AS SHOWN IN BOOK 28 OF MAPS PAGE 21 AS BEARING AS 87°57'57".



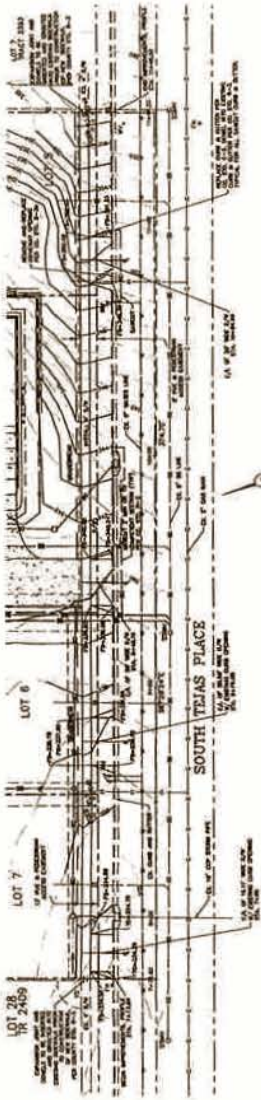
TEC ENGINEERING
4115 BROAD STREET
SUITE B-1
SAN LUIS OBISPO, CA 93401
(805) 541-2114
(805) 541-2132 FAX

COVER SHEET AND SITE PLAN

Project No. 05032
Date: 05/08/07
Scale: 1" = 40' (SEE NOTES)

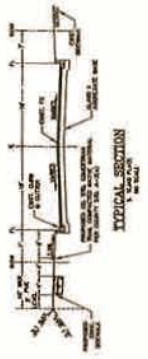
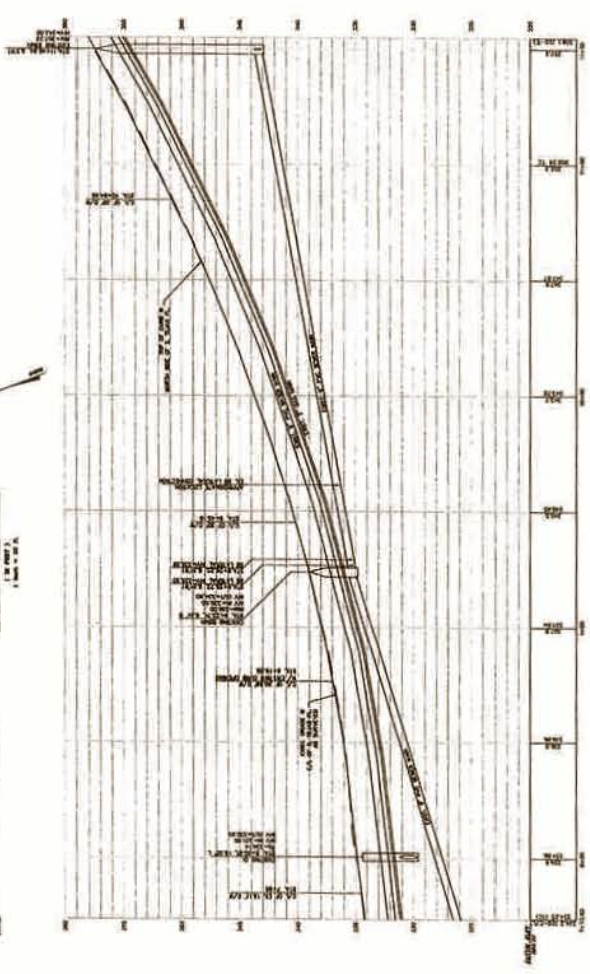
Author: W. Schaefer
Checked: W. Schaefer
Date: 05/08/07

Sheet 1 of 1



NOTE:
 1. ALL DIMENSIONS ARE IN FEET AND INCHES.
 2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

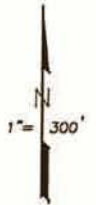
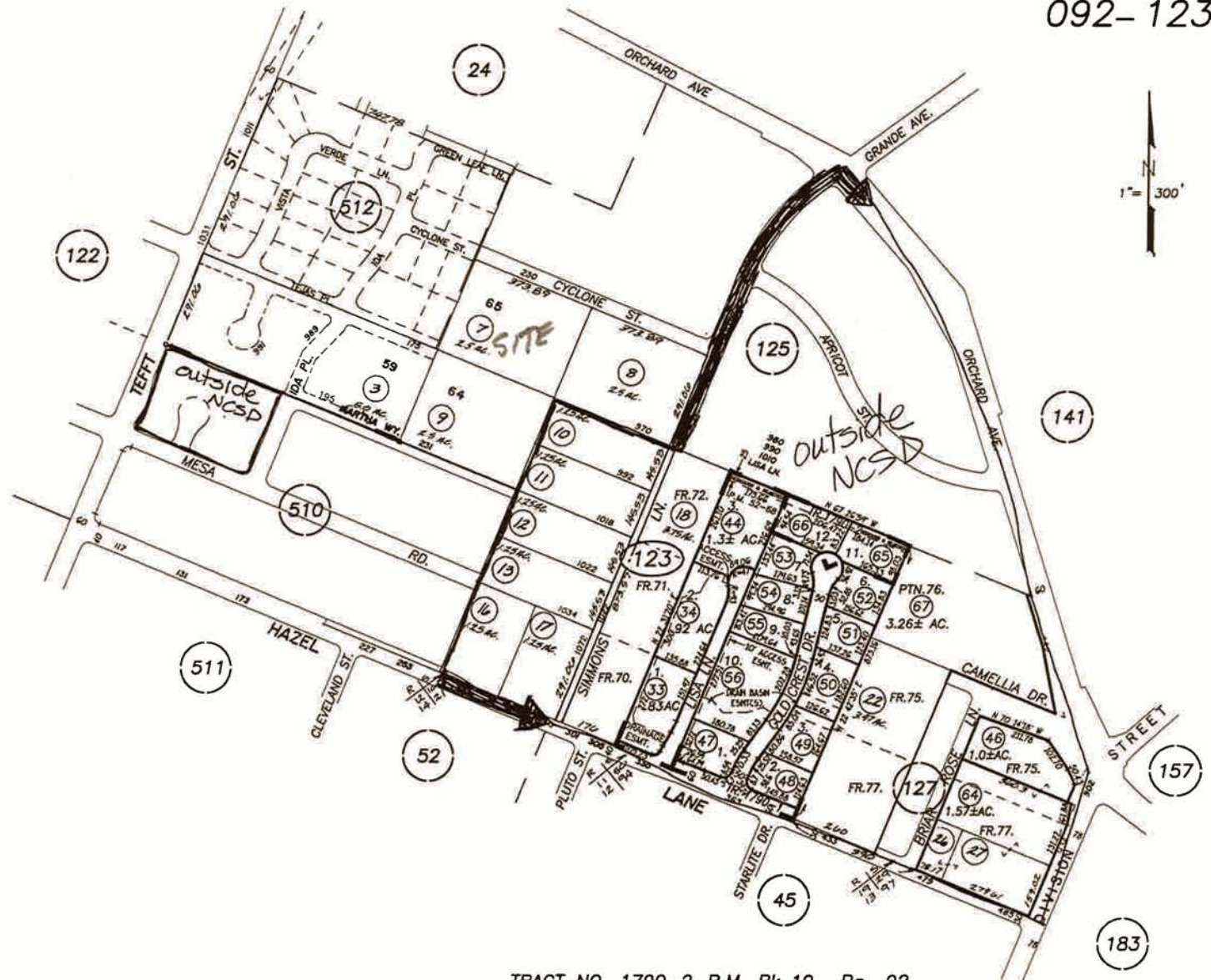
GRAPHIC SCALE
 1" = 10' H.A.



Prepared by	TEC ENGINEERING CONSULTANTS
Project No.	1227
Sheet No.	5
Scale	AS SHOWN
Date	12/27
Drawn by	TEC
Checked by	TEC
Approved by	TEC
Project Name	SOUTH TEXAS PLACE IMPROVEMENT PLANS
Tract No.	TRACT 7523
City	HOUSTON, TEXAS
County	HARRIS COUNTY, TEXAS
Section	12.3.2.1
Block	12.3.2.1
Lot	12.3.2.1



S. JAMES H. PROFFER
 P.E. No. 11192
 State of Texas



REVISIONS	
TECH	DATE
GB	01-18-02
JAW	04-26-02
JAW	06-02-02
JAW	06-03-02
GB	07-02-02
JAW	11-21-02
JAW	12-13-02

150 0 300 600

GH 11-06-97 THIS MAP IS PREPARED FOR ASSESSMENT PURPOSES ONLY.

TRACT NO. 1790-2, R.M. Bk. 19 , Pg. 92.
 TRACT NO. 1790-1, R.M. Bk. 19 , Pg. 53.
 TRACT NO. 1712, R.M. Bk. 19 , Pg. 4.
 DIVISION 'B', CALIMEX PLANTATION CO'S. NIPOMO TR., R.M. Bk. 1 , Pg. 23.

NIPOMO
 ASSESSOR'S MAP, COUNTY OF
 SAN LUIS OBISPO, CA
 BOOK 092 PAGE 123



2013

1914

1912

1913

REV. DATE: MARCH 2006

SEWER BOOK


SCALE: 1" = 200'
NOT FOR CONSTRUCTION USE

1913

Nipomo Community Services District
Water Allocation Accounting Summary

Water Year 2006-2007															
Project	Dwelling units per category					Water allotment (acre-feet)					Total	Tally	Notes:		
	SFR > 10	SFR 4.5 - 1	SFR <	SEC	MF	Low I	SFR/DUP/SEC	MF	Low I	Low I					
						32.5	5	10.2	3.3			51			
APN 092-083-009/010 - PHASED (year 3 of 4)					11	0.0	0.0	(2.0)	0.0	(2.0)		49.0			Board approved 5/25/5
APN 092-130-043, GRANDE-PHASE (year 2 of 3)					11	4	0.0	0.0	(2.0)	(0.7)	(2.7)	46.3			BOD approved 10/26/05
APN 092-130-044 ROOSEVELT apts, Phased 2/4					11	4	0.0	0.0	(2.0)	(0.7)	(2.7)	43.6			BOD Approved 5/10/06
Tract 2441, Blume and Grande, Phased 1/2			21			(6.3)	0.0	0.0	0.0	(6.3)		37.3			BOD Approved 10/25/06
Kengel Lot Split, West Tefft	3					(1.7)	0.0	0.0	0.0	(1.7)		35.7			GM Approved 11/06
Casas Lot Split, Pino Solo Lane	3					(1.7)	0.0	0.0	0.0	(1.7)		34.0			Gm Approved 12/06
Porter Lot Split, Pino Solo Lane	3					(1.7)	0.0	0.0	0.0	(1.7)		32.4			GM Approved 1/07
Tract 2906, Allshouse, 1 Ave De Amigos			0		11	0.0	0.0	(2.0)	0.0	(2.0)		30.4			BOD Approved 2/14/07
440 Glory Lot Split		1				(0.5)	0.0	0.0	0.0	(0.5)		29.9			GM Approved 5/30/07
Tract 2715 Butterfly Lane			8			(2.4)	0.0	0.0	0.0	(2.4)		27.5			BOD Approved 5/25/07
APN 092-130-014 Euc Gardens (Phased 1/6)					11	4	0.0	0.0	(2.0)	(0.7)	(2.7)	24.8			BOD Approved 5/25/07
Totals	9	1	29	0	55	12	(14.1)	0.0	(9.9)	(2.1)	(21.1)				
Abbreviations defined:															
SFR = single family residence															
SEC = secondary dwelling (a.k.a. Granny Unit)															
DUP = Duplex															
MF = multi-family development (e.g. mutiple dwelling units sharing a common roof)															
Low I = Low income housing in accordance with County housing definition.															
Phasing Limit Check (Max 50% of annual allocation or 25.5 AF)															
Phased allocation = 7.4															

T:\Documents\LAND DEVELOPMENT\SERVICE LETTERS\Intent-to-Serve\Allocation Accounting\Allocation accounting.xls

TO: BOARD OF DIRECTORS
FROM: BRUCE BUEL 
DATE: JUNE 8, 2007

**AGENDA ITEM
E-8
JUNE 13, 2007**

AMEND SOUTHLAND WWTF UPGRADE PROJECT AGREEMENT

ITEM

Authorize amendment of Boyle Southland WWTF Master Plan agreement to add interim engineering support services [RECOMMEND APPROVAL].

BACKGROUND

Staff previously released Boyle's April 2, 2007 "Evaluation of Southland WWTF Ground Water Monitoring Data" and May 10, 2007 "Southland WWTF Recharge/Disposal Action Plan" which document the water quality and water hydrology problems associated with discharge of treated wastewater from the existing Southland WWTF percolation ponds. Based on this evaluation and consultation with RWQCB staff, District Staff believes that significant additional work will be needed to determine the quantity of disposal possible with the existing percolation ponds; the wastewater treatment upgrades necessary to achieve compliance with the conditions set forth in NCSD's existing Discharge Order; and the options for off-site disposal. Until these additional evaluations are complete, it will not be possible to "Scope" the Upgrade Project or to complete the Southland WWTF Upgrade Master Plan.

Attached is a proposal for Boyle Engineering describing the additional engineering services that are likely to be required from Boyle to define the proposed discharge program. It should be noted that this proposal assumes that the District also hires a hydro-geologist to define the geo-hydrological disposal impacts and options (See Agenda Item E-9). As detailed in the attached proposal Boyle is willing to perform this work on a time and materials basis with a not to exceed expenditure limit of \$59,847.

Mike Nunley from Boyle Engineering is scheduled to present this proposal to the Board and answer questions regarding each section.

RECOMMENDATION

Staff believes that the proposed work is necessary and that Boyle is in a unique position to provide the service. Staff recommends that your Honorable Board authorize execution of an amendment to the existing agreement with Boyle to perform the services set forth in the proposal on a time and materials basis with a not to exceed expenditure limit of \$59,847.

Staff further recommends that the Southland WWTF Upgrade Project Committee meet with Boyle to discuss the scope and the timeline for this work.

ATTACHMENTS

- Boyle Southland WWTF Disposal/Recharge Proposal

1194 Pacific Street, Suite 204
San Luis Obispo, CA 93401
TEL: (805)542-9840
FAX: (805)542-9990
www.boyleengineering.com

Employee Owned

Bruce Buel
General Manager
NIPOMO COMMUNITY SERVICES DISTRICT
148 S. Wilson
Nipomo, CA 93444

May 25, 2007
19996.41-0000-000

RECEIVED

MAY 30 2007

NIPOMO COMMUNITY
SERVICES DISTRICT

Engineering Support for Wastewater Management Program

The District faces several challenges related to wastewater management at Southland Wastewater Treatment Facility (WWTF). These include assessment of groundwater conditions beneath the plant; identification and development of recharge and reuse opportunities; short-term and long-term solids management; and meeting community wastewater demand as the program is developed and implemented. Ongoing planning efforts (such as the Sewer Master Plan, Southland WWTF Master Plan, Supplemental Water Alternatives Evaluation, and upcoming Southland WWTF Groundwater Evaluation) will assist the District in developing a strategy for addressing these challenges.

In order to provide support during project development, Boyle proposes to perform the following support services until the District procures an engineering design firm (anticipated to begin design in Fall 2007).

Scope of Work

Task 1 – Board Meeting Participation and Support

Boyle will participate in Board and Committee meetings (8 total) and provide brief, written status reports to the General Manager prior to the Board meetings. It is assumed that Boyle will maintain the overall Wastewater Program Schedule.

Task 2 – Review of Solids Management Options

Sludge handling at Black Lake and Southland WWTFs has been a concern, and will likely continue to be a concern through the foreseeable future. Boyle will prepare a review of regulatory issues, “classifications” of sludge, conceptual processing options, and typical capital and operations/management costs. Solids management options will likely include onsite land application, hauling to sludge receiving facilities, and hauling to landfills.

Task 3 – Regulatory Comparison

Boyle will review Waste Discharge Requirements from similar facilities in San Luis Obispo and Santa Barbara County, and provide a comparison of their treatment processes and monitoring requirements to Black Lake's and Southland's existing and proposed systems. This will provide background information for the District in developing their Report of Waste Discharge for Southland WWTF Improvements, as well as their Engineering Report to satisfy Title 22 requirements (to be performed during the design/permitting phase of the project).

Task 4 – Irrigation Opportunities

Boyle will review available irrigation records at Woodlands and Black Lake golf courses in order to evaluate seasonal demands, and potential to provide reclaimed water.

Task 5 – Consultation with Regional Water Quality Control Board and Department of Health Services

Boyle will plan and attend two (2) meetings with RWQCB staff and one (1) with DHS staff in Carpinteria to discuss wastewater management plans and to develop a permitting strategy.

Task 6 – Coordination with District Team Members

Boyle will assist with reviewing scopes of work, and deliverables, for the environmental permitting analysis and for the hydrogeologic evaluation (to be performed by others). It is assumed two (2) meetings will be conducted with each team member.

Task 7 – Amendment of Southland Wastewater Facility Master Plan

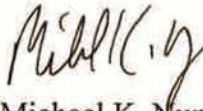
Boyle will revise the draft Southland Wastewater Facility Master Plan, based on results from the hydrogeologic investigation and determination of a wastewater recharge or reuse strategy. The amended Master Plan will include design criteria for onsite and offsite recharge, including cost opinions, conceptual plans, and recommended steps for implementation. In addition, Boyle will present the amended Master Plan to the District Board.

Budget

Boyle's budget is attached. Payment will be requested on a time and materials basis, with a budget not to exceed \$59,847 unless requested in writing. Payment will be based on the attached fee schedule.

May 25, 2007

Boyle Engineering Corporation

A handwritten signature in black ink, appearing to read "Michael K. Nunley", written over a horizontal line.

Michael K. Nunley, PE
Managing Engineer

Attachments:

Budget

Fee Schedule

Project Budget

Engineering Support for Wastewater Management Program

Nipomo Community Services District

Task Description	Personnel Hours					Budget		
	Principal	Senior I	Assistant	Clerical	Total Hours	Labor	Non-Labor Fee	Total
Task 1 - Board Meeting Participation and Support								
Board meetings (4)	8	4	4		16	\$ 2,500	\$ 200	\$ 2,700
Committee meetings (4)	12	6	6		24	\$ 3,750	\$ 300	\$ 4,050
Status reports (4)	6			2	8	\$ 1,274	\$ 102	\$ 1,376
Project schedule	8				8	\$ 1,520	\$ 122	\$ 1,642
QC	2				2	\$ 380	\$ 30	\$ 410
Subtotal	36	10	10	2	58	\$ 9,424	\$ 754	\$ 10,178
Task 2 - Review of Solids Management Options								
Prepare letter report	8	16	80	2	106	\$ 12,294	\$ 984	\$ 13,278
QC	2				2	\$ 380	\$ 30	\$ 410
Subtotal	10	16	80	2	108	\$ 12,674	\$ 1,014	\$ 13,688
Task 3 - Regulatory Comparison								
Prepare letter report and summary table	8	12	24	2	46	\$ 5,854	\$ 468	\$ 6,322
QC	2				2	\$ 380	\$ 30	\$ 410
Subtotal	10	12	24	2	48	\$ 6,234	\$ 499	\$ 6,733
Task 4 - Irrigation Opportunities								
Prepare letter report	4	8	24	2	38	\$ 4,534	\$ 363	\$ 4,897
QC	2	-	-	-	2	\$ 380	\$ 30	\$ 410
Subtotal	6	8	24	2	40	\$ 4,914	\$ 393	\$ 5,307
Task 5 - Consultation with RWQCB and DHS								
RWQCB meetings (2)	4	4		1	9	\$ 1,387	\$ 111	\$ 1,498
DHS meeting (1)	6	6		1	13	\$ 2,047	\$ 164	\$ 2,211

Project Budget

Engineering Support for Wastewater Management Program

Nipomo Community Services District

Task Description	Personnel Hours					Budget		
	Principal	Senior I	Assistant	Clerical	Total Hours	Labor	Non-Labor Fee	Total
Subtotal	10	10	-	2	22	\$ 3,434	\$ 275	\$ 3,709
Task 6 - Coordination with District Team Members								
Environmental / Permitting Analysis	4	8		1	13	\$ 1,947	\$ 156	\$ 2,103
Hydrogeologic Evaluation	4	8		1	13	\$ 1,947	\$ 156	\$ 2,103
Subtotal	8	16	-	2	26	\$ 3,894	\$ 312	\$ 4,206
Task 7 - Amendment of Southland WWTF Master Plan								
Amend report	24	24	40		88	\$ 12,120	\$ 970	\$ 13,090
Board presentation	4	8	8		20	\$ 2,720	\$ 218	\$ 2,938
Subtotal	28	32	48	-	108	\$ 14,840	\$ 1,187	\$ 16,027
Total	108	104	186	12	410	\$ 55,414	\$ 4,433	\$ 59,847

Amounts shown are fee.

Personnel Category	\$/HR
Principal	\$190.00
Senior I	\$140.00
Assistant	\$105.00
Clerical	\$67.00

**BOYLE ENGINEERING CORPORATION
(SAN LUIS OBISPO OFFICE)**

**FEE SCHEDULE FOR PROFESSIONAL SERVICES
Effective January 1, 2007**

Engineers, Planners, Architects, Scientists:

Principal	\$190.00 per hour
Senior II	\$155.00 per hour
Senior I	\$140.00 per hour
Associate	\$120.00 per hour
Assistant	\$105.00 per hour
Construction Observer	\$105.00 per hour

Technical Support Staff:

Design/CADD Supervisor	\$110.00 per hour
Senior Designer/Design CADD Operator	\$105.00 per hour
Drafter/CADD Operator	\$95.00 per hour
Clerical/General Office	\$67.00 per hour

General Project Expenses ⁽¹⁾ 8% of Labor

Direct Project Expenses

Other Reproduction (8-1/2 x 11/11x17 Color)	\$1.15/1.50 per page
Plan Sheet Printing – In House Bond / Mylar	\$3.00/7.00 per sheet
Subcontracted Services/Reproduction	Cost + 10%
Subcontracted or Subconsultant Services	Cost + 10%
Auto Mileage for Construction Phase Services	\$0.60 per mile
Travel & Subsistence (other than mileage)	Cost
Miscellaneous Supplies/Services	Cost + 10%

If authorized by the Client, an overtime premium multiplier of 1.5 may be applied to the billing rate of hourly personnel who work overtime in order to meet a deadline which cannot be met during normal hours.

Applicable sale taxes, if any, will be added to these rates. Invoices will be rendered monthly. Payment is due upon presentation.

Fee schedule is subject to change.

⁽¹⁾ Includes mail, telephone, fax, office photo copies, personal computers and mileage (except as noted).