Project Area 1N Neighborhood Meeting
October 22, 2009

Chico Urban Area Nitrate Compliance Program
Mayor Ann Schwab
City of Chico

WELCOME
Agenda

• Nitrate Compliance Program Information
• Construction Update
• Benefits of Connection
• Application Process
• How to Connect to Sewer
• Available Assistance
• Questions
Jennifer Macarthy
Program Development Manager
Butte County Administration

NITRATE COMPLIANCE PROGRAM
Nitrate Compliance Program

• 1990 Regional Water Quality Control Board adopts Prohibition Order No. 90-126
  – Prohibits installation of new septic systems after July 1990.
  – Eliminates existing septic systems on lots of less than 1 acre by July 1995.
  – City and County agreed to review Prohibition Order and develop responses and propose alternatives to the State.
Nitrate Compliance Program

• 2000 Nitrate Compliance Plan Adopted
  – Plan included proposed solutions to nitrate problem as proposed by a technical team and Citizen’s Nitrate Advisory Committee.
  – Plan stated 7,800 dwelling units to be connected to City sewer.
  – Today that number is closer to 5,600.
Nitrate Compliance Program

• 2008 State Revolving Loan Fund
  – City and County create mechanism for property owners to more cost effectively comply with Prohibition Order.
  – City and County worked together to secure financing for the public improvements.
    • Sewer main
    • Sewer laterals to the edge of the property line
Nitrate Compliance Program

• 2009 First Phase of Public Improvements
  – Project Area 1N – Lassen Avenue Area
    • Esplanade, Lassen, Cohasset
CONSTRUCTION UPDATE

Tamara Miller, P.E.
MPM Engineering
Construction Update

• Number of sewer laterals:
  – 372 installed
  – 11 remaining

• Number of property owners with the ability to connect to sewers:
  – 248 able to connect
  – 135 not ready yet
Construction Updates

• Lions, Tigers, and Bears Oh My!
  or

• Laterals, Trenches, and Manholes, Oh My!
Step 1 in Construction: Potholing
Step 2 in Construction: Trenching
Step 2 in Construction: Trenching
Step 3 in Construction: Install Pipe
Step 3 in Construction: Install Pipe
Step 4 in Construction: Cold-Patch
Step 5 in Construction: Install Laterals
Step 5 in Construction: Install Laterals
Step 5 in Construction: Install Laterals
Step 5 in Construction: Install Laterals
Step 5 in Construction: Install Laterals
Step 6 in Construction: Test
Step 7 in Construction: Hot Mix Paving
Step 8 in Construction: Manholes to grade
Step 9 in Construction: Striping corrected
And of course... there's conflict
And of course... there's conflict
BENEFITS OF CONNECTION

Jennifer Macarthy
Program Development Manager
Butte County Administration
Benefits of Connection

• Provides a means for property owners to comply with Prohibition Order.
• Reduces septic tank maintenance issues and costs.
• Increases re-sale value of the home.
• Construction costs potentially lower now due to downturn of the economy.

(Continued…)

Benefits of Connection

- Ability to cooperate with your neighbors to hire a single contractor which could lower construction costs and save time.
- Current fee savings for properties within project area of approximately $5,650.
- Through sewer connections in Project Area 1N, approximately 5.5 tons of nitrate load will be eliminated.
Richard Burgi
Associate Civil Engineer
City of Chico
Building & Development Services Department

SEWER FEES & APPLICATION PROCESS
## Typical Sewer Fees

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lateral</td>
<td>$28.63/ft.</td>
</tr>
<tr>
<td>Main Line</td>
<td>$46.09/ft.</td>
</tr>
<tr>
<td>WPCP</td>
<td>$2,251/unit</td>
</tr>
<tr>
<td>Trunk Line</td>
<td>$1,693/unit</td>
</tr>
<tr>
<td>Lift Station</td>
<td>$499/unit</td>
</tr>
</tbody>
</table>

## Project Area 1N Fees

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lateral</td>
<td>$0/ft.</td>
</tr>
<tr>
<td>Main Line</td>
<td>$0/ft*</td>
</tr>
<tr>
<td>WPCP</td>
<td>$0/unit</td>
</tr>
<tr>
<td>Trunk Line</td>
<td>$1,693/unit</td>
</tr>
<tr>
<td>Lift Station</td>
<td>$499 or $109/unit</td>
</tr>
</tbody>
</table>

**Approximate Fee Savings for Property Owners within Nitrate Compliance Program Boundaries:**

$5,600

*A fee of $46.09 per foot of frontage may apply where the main was installed by a private party that was granted a reimbursement agreement.*
Sewer Application Process

- Submit a Sewer Application
  - Application is only one sheet
  - Application fee is $100.00
- You will receive a letter indicating connection fees and the steps to sewer connection.
Payment of Sewer Fees

• Pay at application stage, or

• In-lieu payment
  – In-lieu process allows fee to be paid over ten year period.
  – Application for in-lieu is $338.
  – City working on process to include this fee with the connection fees.
  – A recent title report or lot book guarantee is required. Title companies do charge for these documents.
Tamara Miller, PE
MPM Engineering

HOW TO CONNECT TO SEWER
How to Connect to Sewer

After application completed, the steps for sewer connection include:

- Building Permit
- Hire a Contractor
- Locate Lateral
- Dig a Trench

(Continued…)
How to Connect to Sewer

Steps to sewer connection continued:

• Place a pipe and connect
• Inspection
• Fill in the Trench
• Empty and crack Septic Tank
• Final Approval
How to Connect to Sewer

• Do I hire a contractor?
• How much time will the construction take?
  – Estimated time is 2 days.
• What are the costs?
  – Estimated cost for improvements, permits and fees is $5,000 to $6,000.
Jennifer Macarthy
Program Development Manager
Butte County Administration

AVAILABLE ASSISTANCE
Available Assistance

- Reduction in Fees
  - Current fee savings approximately $5,600

- Fees – Assessment in-Lieu
  - Contact City of Chico 530-879-6950

(Continued...)
Available Assistance

• **Butte County Housing Rehabilitation**
  – Loan to qualifying low/moderate income property owners.
    • Typically 3% interest for 15 year term.
    • Qualifying income for a family of 4 currently $40,200 or below.
  – Loans also available to owners of rental property.
    • Must sign agreement to rent to low/moderate income individuals.
  – Eligible improvements:
    • Application, permit and connection fees
    • Sewer lateral construction (including abandonment of septic)
    • Other housing rehabilitation improvements
Available Assistance

• City of Chico Housing Rehabilitation
  – Grant provided to qualifying low-moderate income property owners where costs are less than $10,000.
  – Loan provided to qualifying low-moderate income property owners where costs are $10,000 or more. (payments may be deferred until sale, transfer or rental)
  – Loans not available to owners of rental property.
  – Eligible improvements:
    • Application, permit and connection fees
    • Sewer lateral construction (including abandonment of septic)
Available Assistance

• Brochure on Connection Process
• Quarterly Newsletters
• Future Website
THANK YOU
QUESTIONS