Project Area 1S
Neighborhood Meeting
April 22, 2010

Chico Urban Area
Nitrate Compliance
Program
Supervisor Jane Dolan
Butte County

WELCOME
Agenda

• Nitrate Compliance Program Information
• Overview of Project Area 1S – Chapman-Mulberry Neighborhood
• Construction Process
• Benefits of Connection
• Sewer Fees & 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
Stakeholder Relationships
OVERVIEW OF PROJECT & CONSTRUCTION PROCESS

Tamara Miller, P.E.
MPM Engineering
Overview of Project

• Sewer Mains
  – The pipes in front of your property

• Laterals
  – The pipe between the main and your house

• Sewer Trunk Lines
  – The large pipes that carry sewage to the Plant

• Water Pollution Control Plant
  – Located about 8 miles southwest of Chico
Overview of Project

• Six Phases of Construction
• Project Area 1N - Lassen Avenue Area
  • Completed February 2010
• Project Area 1S – Chapman-Mulberry Neighborhood Area
  • Anticipated to begin Summer 2010
Overview of Project – Area 1S

• Estimated Start Date:
  – Summer 2010

• Estimated Completion Date:
  – Fall 2010

• Dates subject to variation
Overview - What’s Included

• Sewer mains
• Sewer laterals within public right-of-way
• Repair of trench including replacement of curb, gutter and sidewalks to match pre-existing conditions
Overview - What’s Not Included

- Storm drains and drainage systems
- Road improvements
  - Only repair of backfill trench
- New curb, gutter & sidewalks
  - Only repair to match pre-existing conditions
- Installation of sewer laterals on private property or septic tank decommissioning
  - This is “on-site” work, responsibility of property owner
Construction Process

- Lions, Tigers, and Bears Oh My!
  or
- Laterals, Trenches, and Manholes, Oh My!
Step 1 in Construction: Potholing
Step 2 in Construction: Trenching
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 6 in Construction: Test
Step 7 in Construction: Hot Mix Paving
Step 8 in Construction: Manholes to grade
Step 9 in Construction: Striping corrected
Jennifer Macarthy
Program Development Manager
Butte County Administration

BENEFITS OF CONNECTION
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.
• Ability to construct decks, pools, paving, etc.
• Ability to install garbage disposal.  

(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 identified by the Nitrate Plan of approximately $5,650.

• Through sewer connections in Project Area 1S, approximately 2.4 tons of nitrate load will be eliminated.
Matt Thompson
Senior 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>
</tbody>
</table>

### Project Area 1S 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>
</tbody>
</table>

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

$5,600
Sewer Application Process

• Submit a Sewer Application
  – Application is only one page
  – Application fee is $100.00

• You will receive a letter from the City indicating connection fees and the steps to sewer connection.
Payment of Sewer Fees

- Pay at Plumbing Permit 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.
HOW TO CONNECT TO SEWER
How to Connect to Sewer

After application completed, the steps for sewer connection include:

• Plumbing Permit
• Hire a Contractor
• Locate Lateral

(Continued…)
How to Connect to Sewer

Steps to sewer connection continued:

• Dig a Trench
• 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
  - Waiting list currently for the program
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
QUESTIONS