Project Area 2S
Neighborhood Meeting
April 23, 2014

Chico Urban Area Nitrate Compliance Program
WELCOME

Scott Gruendl, Mayor
City of Chico
Agenda

- Nitrate Compliance Program Information
- Construction Update
- Benefits of Connection
- Sewer Fees & Application Process
- How to Connect to Sewer
- Available Assistance
- Questions
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

- **2010 First Phase - Complete**
  - Project Area 1N – Esplanade, Lassen, Cohasset

- **2012 Second Phase – Complete**
  - Project Area 1S - Humboldt, Chapman, Mulberry, Pomona

- **2013 Third Phase – Complete**
  - Project Area 2N – Connors White, El Paso, Pillsbury

- **2014 Fourth Phase – Two Units Complete**
  - Chico Vecino
Stakeholder Relationships

- Regional Water Quality Control Board
- Butte County
- Joint Powers Financing Authority
- Initial Planning, Project Facilitation
- Initial Planning, Project Facilitation
- Construction Funding
- State Water Resources Control Board
- State Water Resources Control Board
- Source of Pollution
- Septic Tank Owner Operator
- Facilitates Solution
- Alternative Service Provider
- Owner/Operator of Sanitary Sewer System
- Contracted for Design & Construction
- Revenue Source
- Revenue Source
- City of Chico
- Chico Redevelopment Agency
- Eliminates Blight
CONSTRUCTION UPDATE
PROJECT AREA 2S
CHICO VECINO NEIGHBORHOOD
Project Overview

• 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
Project Area 2S (first phase)
What Was Included

- Sewer mains
- Sewer laterals within public right-of-way
- Manholes
- Repair of trench including replacement of curb, gutter and sidewalks to match pre-existing conditions
What Was 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
Stakeholder Relationships

Regional Water Quality Control Board

Source of Pollution
- Septic Tank Owner Operator

Joint Powers Financing Authority
- Brings Construction Funding
- Revenue Source

Butte County
- Initial Planning, Project Facilitation

City of Chico
- Alternatives Service Provider
- Owner/Operator of Sanitary Sewer System
- Contracted for Design & Construction
- Eliminates Blight

State Water Resources Control Board
- Construction Funding

Chico Redevelopment Agency
- Facilitates Solution
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 2 in Construction: Manhole
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 6 in Construction: Test
Step 7 in Construction: Hot Mix Paving
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
And of course ... there is ongoing clean up
Unit 1

Contractor: Visinoni Brothers
Construction Began: September 3, 2013
Construction Ends: May 2014
Working Days: ~145
Sewer: ft. 10,177
Laterals: 165
Manholes: ~37
Unit 2

Contractor: Visinoni Brothers
Construction Began: August 28, 2013
Construction Ends: May 2014
Working Days: ~145
Sewer: ft. 8,780
Laterals: 183
Manholes: ~23
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>$29.81/ft.</td>
</tr>
<tr>
<td>Main Line</td>
<td>$47.80/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 2S 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 issuance of Plumbing Permit, or
- In-lieu payment
  - In-lieu process allows fee to be paid over ten year period.
  - Application for in-lieu is $364. (fee can be financed)
  - A recent title report or lot book guarantee is required. Title companies do charge for these documents.
Council will vote sometime in the next couple months. The increase will go into effect 120 days later.

### Proposed Fee Increases

<table>
<thead>
<tr>
<th>Fee Title</th>
<th>Current Fee</th>
<th>Actual Full Cost</th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year (90%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sewer App (City)</td>
<td>$100</td>
<td>$276.49</td>
<td>$174.42</td>
<td>$211.63</td>
<td>$248.84</td>
</tr>
<tr>
<td>Sewer App (County)</td>
<td>$100</td>
<td>$310.56</td>
<td>$189.80</td>
<td>$234.70</td>
<td>$279.59</td>
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<tr>
<td>Assessment in Lieu</td>
<td>$364</td>
<td>$972.56</td>
<td>$619.56</td>
<td>$747.48</td>
<td>$875.30</td>
</tr>
</tbody>
</table>
## Permits Required

<table>
<thead>
<tr>
<th>Permit</th>
<th>Issuing Agency</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbing Permit</td>
<td>City of Chico</td>
<td>$137</td>
</tr>
<tr>
<td>Septic Abandonment</td>
<td>Butte County</td>
<td>$117</td>
</tr>
</tbody>
</table>
HOW TO CONNECT TO SEWER

Tamara Miller, P.E.
MPM Engineering
How to Connect to Sewer

After application is completed, the steps for sewer connection include:

• Plumbing Permit
• Hire a Contractor
  – Do I hire a contractor?
• Locate Lateral
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
How to Connect to Sewer

• 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.
Casey Hatcher
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.
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 $5,600.

• Through sewer connections in Project Area 2S (first phase), approximately 1.1 tons of nitrate load will be eliminated.
AVAILABLE ASSISTANCE
Available Assistance

• Reduction in Fees
  – Current fee savings approximately $5,600

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

• City of Chico Housing Rehabilitation Nitrate Compliance Program
  – Grant provided to qualifying low-moderate income property owners where costs are less than $10,000.
  – Home must be owner-occupied
  – Eligible improvements:
    • Application, permit, and connection fees
    • Sewer lateral construction (including abandonment of septic)
• Call 879-6300 to be added to the interest list after July 1, 2014
Available Resources

• Citizens Guide to Sewer Connection
• Biannual Newsletters
• www.NitrateCompliance.org
• www.TinyUrl.com/ButteCertifiedPumpers
City of Chico Contacts

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