Los Osos Wastewater Project Lateral Connections and Septic System Reuse

LOS OSOS MIDDLE SCHOOL

MARCH 22, 2016

Mission Statement: *Public Works will be a valued community partner enhancing quality of life for our fellow county residents*

Lateral Connection Phase 1 Workshop

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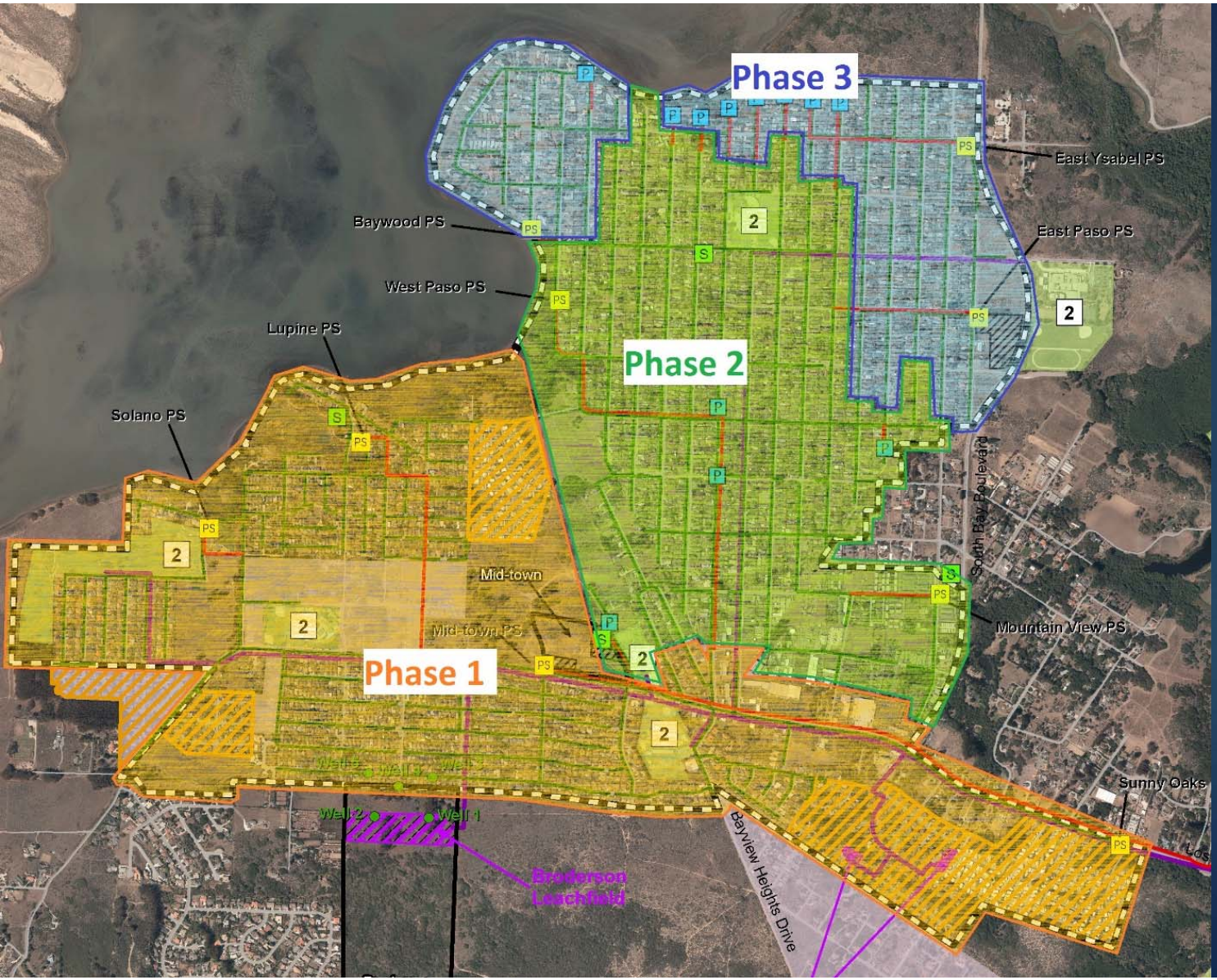
- Talk with Contractors, County Staff and Central Coast Green Build
- Presentation
- Q&A



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Phase 1:
March - Sept

Phase 2:
June – Dec

Phase 3:
Sept - March

Lateral Connection Details

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- Obtain quotes and hire contractor
- Contractor obtains permits per Building Code

Lateral Connection Details

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- Install new pipe from house to property line
- New pipe inspected before connection
- Connect to sewer

Lateral Connection Details

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- Decommission septic system
- Pump out septic tank
  - Abandon in-place or
  - Convert for reuse

Septic System Abandonment

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- Pump tank and fill with sand or slurry

Septic System Reuse

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- Convert for reuse by sanitizing with bleach

Use That Tank!

Contents:

WHY? *A Brief History of Los Osos' Water* 1–2

WHAT? *Options For Reusing Your Septic System* 3

HOW? *Ways to Design & Implement Your System* 10

WHEN? *Timing & Sequence for the Reuse Process* 13

HOW MUCH? *Analyzing the Economics of Your Options* 15

WHO? *Information & Consultation Resources* back cover

Beneficial Reuse of Your Septic Tank and Disposal Field

For the Community of Los Osos, California

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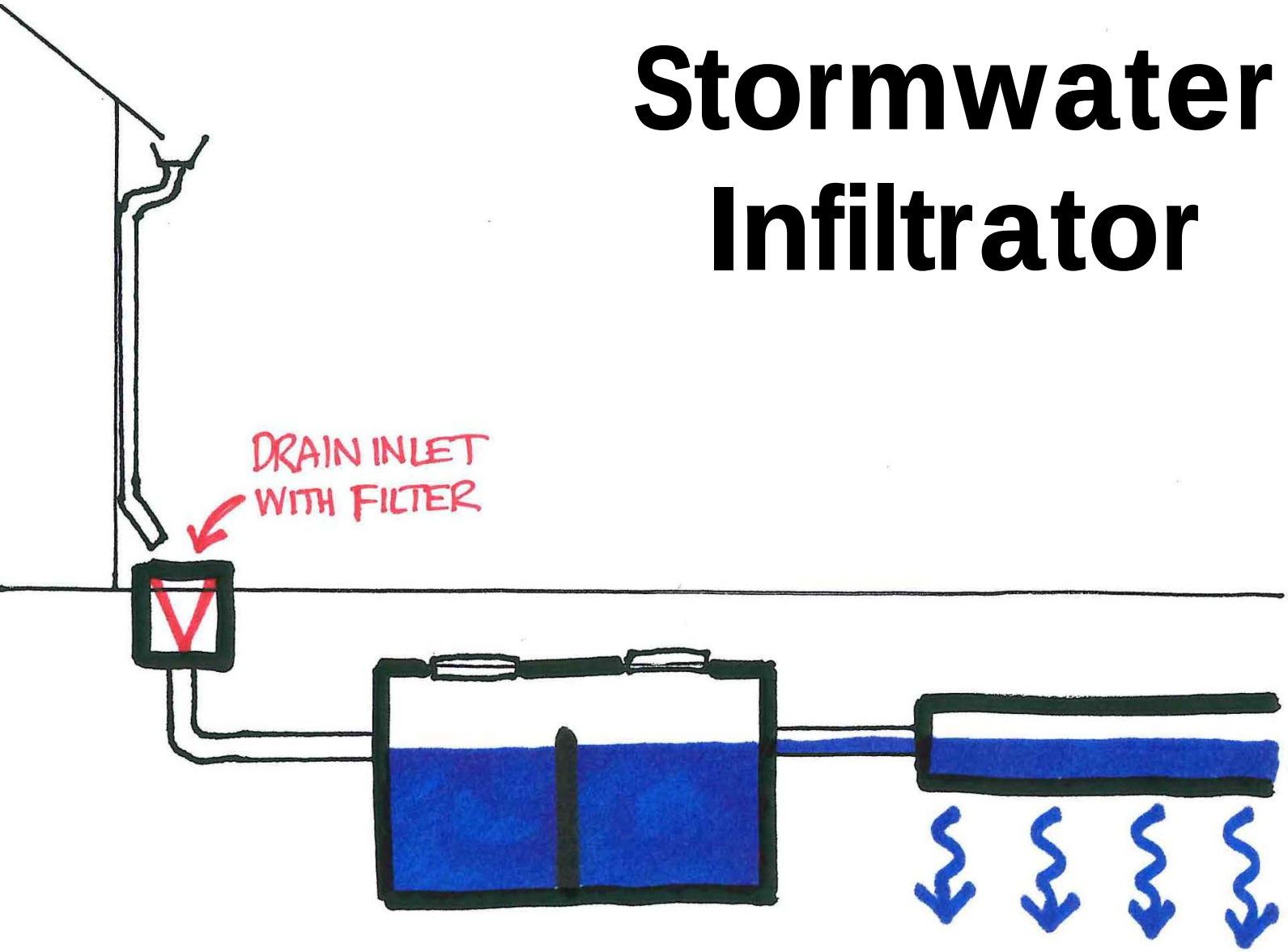
Stormwater Infiltrator



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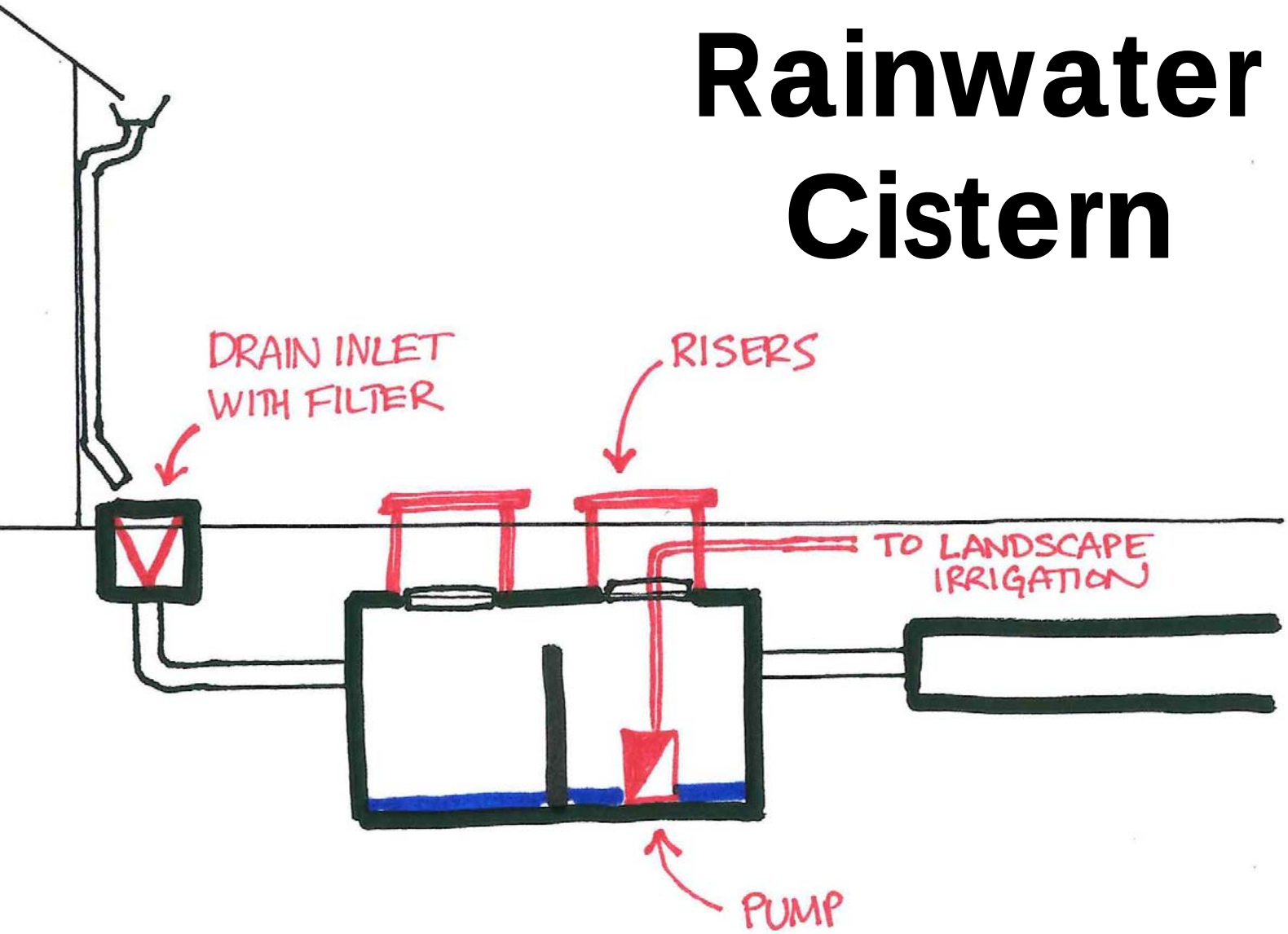
Rainwater Cistern



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Drain inlet at the downspout

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Inlet filter for water storage

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Risers & lids for pump access

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Submersible pump (portable)

Products and Services

What can we help you find?

Your Store
W Milpitas

Sign in
or Regi

Home > Outdoors > Garden Center > Watering & Irrigation > Rain Barrels

Model # PTH0933 | Internet # 205845768

55 Gal. Blue Industrial Plastic Drum

★★★☆☆ (5) | Write a Review + | Questions & Answers (14) +

$69.99 /each

- Includes a sealed tight-head drum with 2 bungs
- Uses include rainwater collection, composting, hydropon
- BPA free, HDPE resin

Ship to Home
Estimated Arrival: MAR 29 - MAR 31
See Shipping Options +

Ship to Store FREE
Available for Pick Up: MAR 30 - APR 4

1 ADD TO CART

OR Buy now with PayPal

[+] Feedbac

Item cannot be shipped to the following state(

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County of San Luis Obispo

20 rain barrels

SAN LUIS OBISPO COUNTY
PUBLIC WORKS

slogreenbuild.org

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- Rainwater use for toilet flushing
- Treated graywater
- Other combinations

Project Cost Estimates

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Cost Category	Amount
Assessment Charges ($24,949 per home)	$1,100/year
Service Charges – flat fee	$450/year
Service Charges – usage fee (1¢ per gallon)	$450/year
Total Charges	**$2,000/year**
Lateral Connections	Typically ± $3,000

Financial Assistance

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- USDA 504 Program (Loan/Grant)
- Service Charges Assistance Program (20% Discount)
- Lateral Connection Funding (Grant)
- Property Tax Postponement Program (Loan)
- PACE Program (Loan)

Water Conservation Program

Required Retrofits

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Fixture Unit	Maximum Flow	Rebate Amounts
Toilets	1.6 gpf	$250
Showerheads	2.0 gpf	$40
Faucet Aerators – Residential	1.5 gpm	$5
Faucet Aerators – Commercial	0.5 gpm	$5
Urinals - Commercial	0.5 gpf	$500

Water Conservation Program

Optional Retrofits

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Fixture Unit	Eligible Items	Rebate Amounts
1.6 gpf toilets	1.0 gpf	$250
Clothes Washers – residential or commercial	Tier 3 Water Factor 4	$150 plus up to $50 PG&E and $75 Gas Co.
Extra Alternative Measures	Needs prior approval	$300
Lawn turf removal Saveourwater.com	Existing lawns	$2/square foot

Questions and Assistance

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- Your contractor
- Weekly office hours
- More workshops – Phase 2 & 3
- Financial assistance options
- Water Conservation Rebates
- Website, call, or email County staff

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Questions?