

PRIVATE WELL STEWARDSHIP

Through Community Partnership

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PACIFIC NORTHWEST AGRICULTURAL
SAFETY & HEALTH CENTER

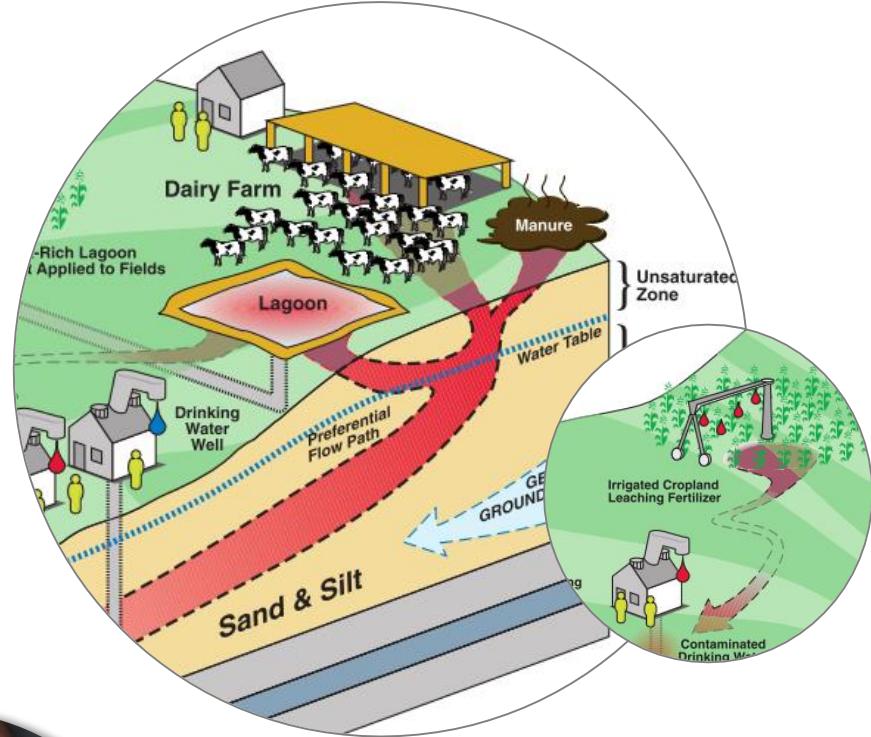
INTRODUCTION



Groundwater Contamination



Health Effects



Sources of Nitrate



A Community Ask

OUR STUDY



Aim

- Identify barriers and facilitators of well stewardship among LYV families
- Develop educational materials that promote well stewardship



Focus Groups

- Requested by community stakeholders
- Brings personal, social, & cultural knowledge into research



Recruitment

- 37 adult well water users
- Recruited through radio & testing campaigns

COLLABORATION



Task	UW	El Proyecto Bienestar	Latino Community Fund	Project Advisory Committee*
Project Planning & Advising	✓	✓	✓	✓
Recruitment	✓	✓	✓	
Data collection	✓	✓		
Data analysis	✓	✓		
Material development	✓	✓		✓
Report Writing	✓	✓		

*The Project Advisory Committee is composed of local and state agencies and community organizations.

RESULTS

Barriers

Lack of actionable information

Cost & inconvenience

Lack of technical support

Facilitators

Knowledge of sources

DIY home repair expertise

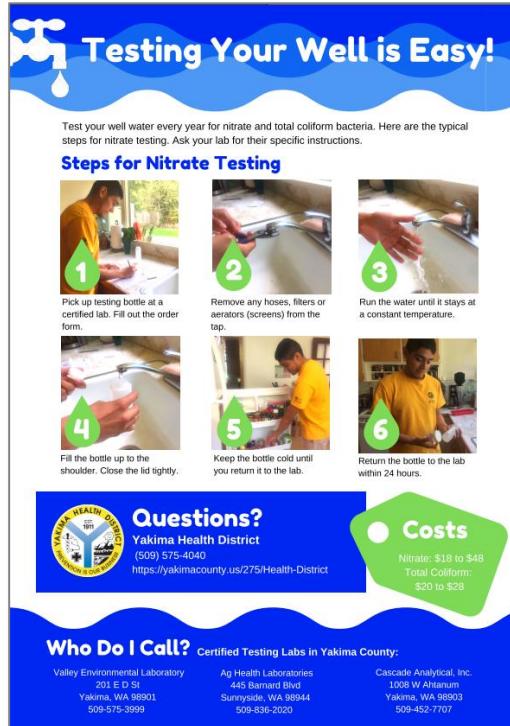
Commitment to family

DISSEMINATION

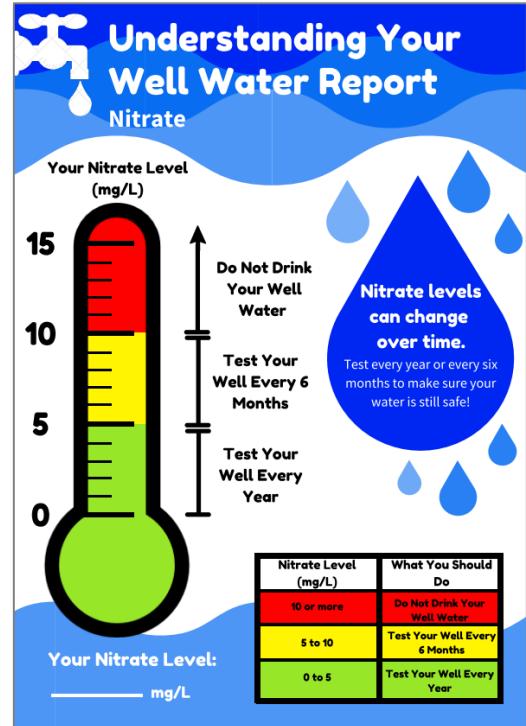
FAMILY COMMITMENT



ACTIONABLE INFO



TECHINCAL SUPPORT



THANK YOU

Community Stakeholders

Study Participants

Project Advisory Committee

Elizabeth Torres, El Proyecto Bienestar

Micaela Razo, Latino Community Fund of Washington

Isabel Reyes-Paz, Yakima Valley Farm Workers Clinic

University of Washington

Catherine Karr, Faculty

Linda Ko, Faculty

Elena Austin, Research scientist

Dennise Drury, MPH student

Lela Cooper, Undergraduate

Daira Melendez, MPH student

Pacific Northwest Agricultural Safety & Health Center (PNASH) Staff

Funding Sources

PNASH CDC-NIOSH Cooperative Agreement #6 U54OH007544

Pacific Northwest Center for Public Health Practice

Department of Environmental & Occupational Health Sciences



IMAGE SOURCES

In order of appearance:

“Hidden Wells, Dirty Water.” Lower Yakima Valley Groundwater Management Area. <http://www.yakimaco.us/GWMA/background.php>

“Adorable Affection Baby 826734.” Adobe Stock. <https://stock.adobe.com/>

“Conceptual Site Model for Lower Yakima Valley Project.” US EPA.
<https://www.yakimacounty.us/DocumentCenter/View/13591/EPA2013a-Yakima-groundwater-nitrate-and-sources>

“El Proyecto Bienestar Logo.” Pacific Northwest Agricultural Safety and Health Center. <http://deohs.washington.edu/pnash/pnash/epb>

Target icon created by Ellen Marias from Noun Project

Talking bubble icon 1516481 created by icon 54 from Noun Project

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Baby boy drinking water with a baby bottle. BEK86R. By Hola Images / Alamy Stock Photo