

# CURRICULUM VITAE

**NAME:** *SALLY L. BROWN*  
<http://faculty.washington.edu/slb/>

**EDUCATION:** BA Political Science, 1980, Williams College , Williamstown, MA.  
MS Agronomy (soil science), 1993, University of Maryland, College Park, MD. *Use of hyperaccumulator species to remediate metal contaminated soils*  
Ph.D. Agronomy (soil science), 1996, University of Maryland, College Park, MD. *Long-term effects of biosolids application on agricultural soils*

## Awards

**2011 Roscoe Ellis Jr. Lectureship in Soil Science at Kansas State University-** featured speaker

**Soil Science Society of America- 2009 Fellow, former chair of Soils and Environmental Quality, former Board member**

**US Compost Council- 2009 Rufus Chaney Research Award-** for outstanding research in GHG implications of different organics management options **Former Board member**

Washington Organics Recycling Council- 2008 Outstanding achievement in organics recycling

US EPA – 2007 National first place Clean Water Act recognition award biosolids exemplary management- Research Activities- Biosolids for Biodiesel, in cooperation with King County and Natural Selection Farms

Northwest Biosolids Management Association- 2006 Outstanding Leader

King County Green Globe Award 2005- outstanding achievement in environmental stewardship for use of biosolids to grow canola for biodiesel production

## Professional Societies, Committees,

- **National Academy of Science-** Standing committee on soil science- member. Appointed for 3 year term beginning 2005. Term extended an additional 3 years 2008-2011
- W 3170- USDA CREES committee on residuals. Former co- chair
- **National Academy of Science-** Bioavailability of Contaminants in Soils and Sediments. Committee member 1999-2003



## Occurrence and Fate of Perfluorochemicals in Soil Following the Land Application of Municipal Biosolids

Jennifer G. Sepulvado,<sup>†</sup> Andrea C. Blaine,<sup>†</sup> Lakhwinder S. Hundal,<sup>‡</sup> and Christopher P. Higgins<sup>\*†</sup>

<sup>†</sup>Colorado School of Mines, Golden, Colorado 80401, United States

<sup>‡</sup>Metropolitan Water Reclamation District of Greater Chicago, 6001 West Pershing Road, R&D Department, Section 123, Cicero, Illinois 60804, United States

**S** Supporting Information

**ABSTRACT:** The recent implementation of soil and drinking water screening guidance values for two perfluorochemicals (PFCs), perfluorooctanoate (PFOA) and perfluorooctane sul-

As of 2004, 7.2 million dry tons of biosolids were generated in the U.S. each year, and approximately 49% were applied to agricultural lands as fertilizer.<sup>9</sup> Though the land application of biosolids in the U.S. is regulated, no regulations are currently in place with respect to PFCs in biosolids. This issue is coming under increased scrutiny, mainly after a recent event in Decatur,



Because of their widespread use, PFCs have been detected in the influent, effluent, and sludge (biosolids) at municipal wastewater treatment plants (WWTPs).<sup>3-5</sup> Municipal biosolids may not only contain PFCs but also a variety of chemical precursors that could be transformed to PFCs over time.<sup>4,6</sup> Some of these



eating and health

foodways

producers

food for thought

for foodies



food for thought

## Whole Foods Bans Produce Grown With Sludge. But Who Wins?

"We have systemically looked at all kinds of potential hazards," says [Ian Pepper](#), a professor and director of the Environmental Research Laboratory at the University of Arizona who has been studying biosolids for 30 years. "Invariably we've found that the risks are much lower than those suggested by environmental activists."



eating and

food for thought

Who  
Sluc

"This is a resource that's really undervalued," says [Sally Brown](#), a soil scientist at the University of Washington who has been studying biosolids for over a decade.

"If you do the carbon accounting, unlike synthetic fertilizer, which



I do this



# But it isn't always easy

listing on source watch

**From:** "Penn, Chad" <chad.penn@okstate.edu>  [Add](#)  
**To:** "slb@u.washington.edu" <slb@u.washington.edu>  
**Date:** Fri, 18 Sep 2015 15:21:28 +0000

Hi Sally,

Did you know that you have the honor of being listed on the website: [www.sourcewatch.org/index.php/Sally\\_Brown](http://www.sourcewatch.org/index.php/Sally_Brown)



Haha, I'm sorry to laugh about this, I am sure that this sort of thing is a headache for you, it's just that it is so ridiculous. That Sally Brown, she's a real propaganda artist and a loose cannon, haha. This is too crazy!

Like · Reply ·  4 · Sep 14, 2015 2:17pm

Take care,

Chad



**Patrick Mark Venton** · Victoria High School

if it were only a lie, it is also a crime against biology. Sally Brown is not a worthwhile person.... by any stretch of the imagination.

----- Forwarded message -----

Date: Sat, 16 Apr 2011 21:37:39 -0700 (PDT)

From: Donny S. Martmouth <[donnys.martmouth@yahoo.com](mailto:donnys.martmouth@yahoo.com)>

To: [slb@u.washington.edu](mailto:slb@u.washington.edu)

Subject: sewage sludge

New idea for sewage sludge.. stick your dumb ass Phd. head in it bitch and keep it out of my garden, agricultural, and forest land. Corporate shill bitch!

# How DC Water Is Trying To Turn Sewage Into Fertilizer For Your Food

By: [Jonathan Wilson](#)

June 19, 2015



comments

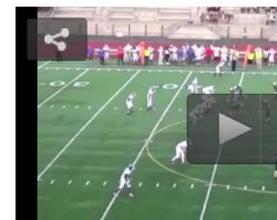
5



# Puyallup Methodist Church garden serves up bounty for food bank



## Videos



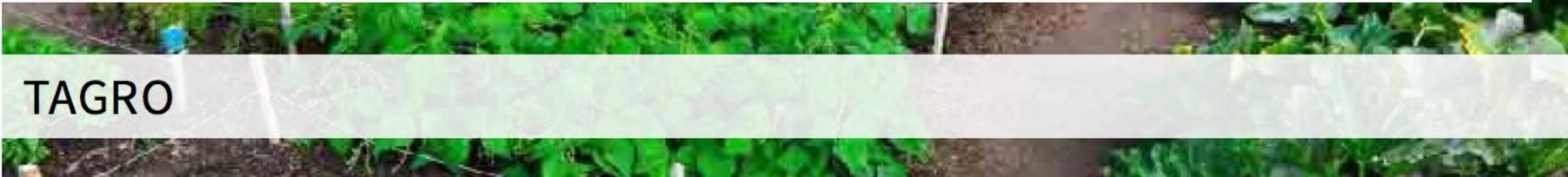
The only product used on the garden is Tagro, the blend of pasteurized wastewater byproducts developed from Tacoma Grow.

If you want me to keep doing this  
at the very least-I need you to follow  
the rules:





**And it would be a big bonus for you to be proud of what you do**



## TAGRO

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### **TAGRO is Open - Summer Hours**

Fall-winter hours start Monday, October 5, 2016.

### **Free Mix Available in Limited Quantities**

The free TAGRO Mix pile is being replenished, but only limited quantities are available.



### **About TAGRO**

TAGRO, short for “Tacoma Grow,” our award-winning, environmentally friendly products will give you better results with your lawn and garden—even while you help to reuse community resources and protect our environment.

### **Contact**

To place an order,  
call (253) 502-2150

For other inquiries, call  
or email

2201 E. Portland  
Avenue  
Gate 6  
Tacoma, WA

The logo for 'loop' is written in a white, lowercase, sans-serif font. The letter 'o' is stylized as a continuous loop that passes through the top of the 'p'.

TURN YOUR DIRT AROUND

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Loop is a natural soil amendment. Using Loop replenishes the earth and closes the nutrient loop that begins when harvested plants remove nutrients from the soil.

FERTILIZING WITH BIOSOLIDS: BUILDING SOIL, BETTER CROPS



Fertilizing with biosolids: building soil, better crops

FARMING SUSTAINABLY WITH LOOP® BIOSOLIDS



Farming sustainably with Loop® biosolids



## The Nose JUNE 25, 2015

# The Nose: Bottom line is that Tacoma needs us to spend more time in the john

### HIGHLIGHTS

The city has run out of Tagro, its award-winning yard compost made out of human biosolids. This is a problem good citizens can't take standing up.



You won't see this again for awhile. A loyal Tagro customer shovels free fertilizer mix into buckets to take home for gardening at a self-loading area of the Tagro plant near the Portland Avenue Bridge in 2001. THE NEWS TRIBUNE



### Videos



about 18 hours ago  
**VIDEO: Kent-Meridian flea flicker is Week 2 play call of the week**



about 19 hours ago  
**VIDEO: Earl Thomas: Kam Chancellor a vital**