EYESORES TO EYE CANDY

New Partners for Smart Growth Conference

Portland, Oregon February 2016

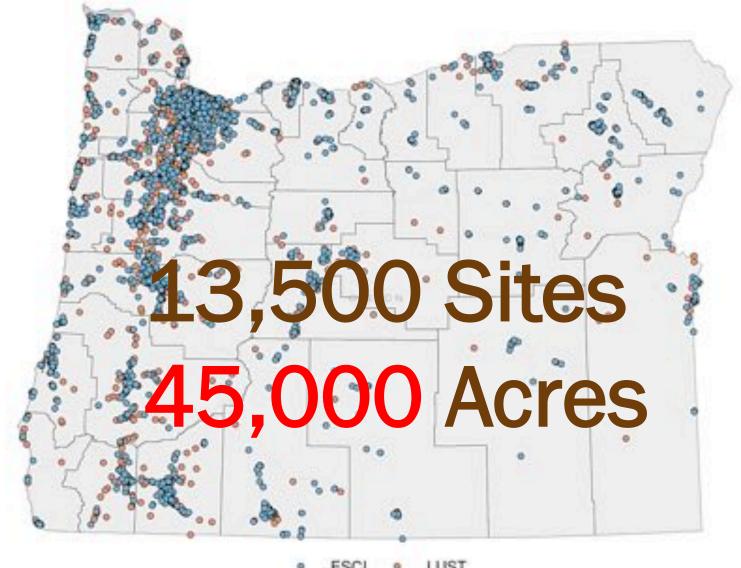
Seth Otto, AICP, LEED AP Maul Foster & Alongi, Inc. Jennifer Bildersee City of Portland Matthew Dalbey, Ph.D. U.S. Environmental Protection Agency Stacy Frost, PE Maul Foster & Alongi, Inc. Ignacio Dayrit Center for Creative Land Recycling

EYESORES TO EYE CANDY

New Partners for Smart Growth Conference Portland, Oregon February 13,2016

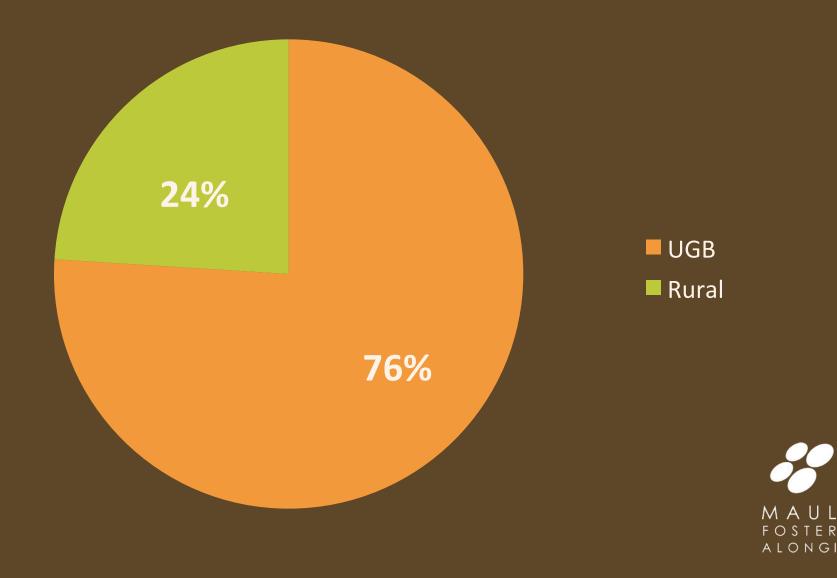
> Seth Otto, AICP, LEED AP Maul Foster & Alongi, Inc.





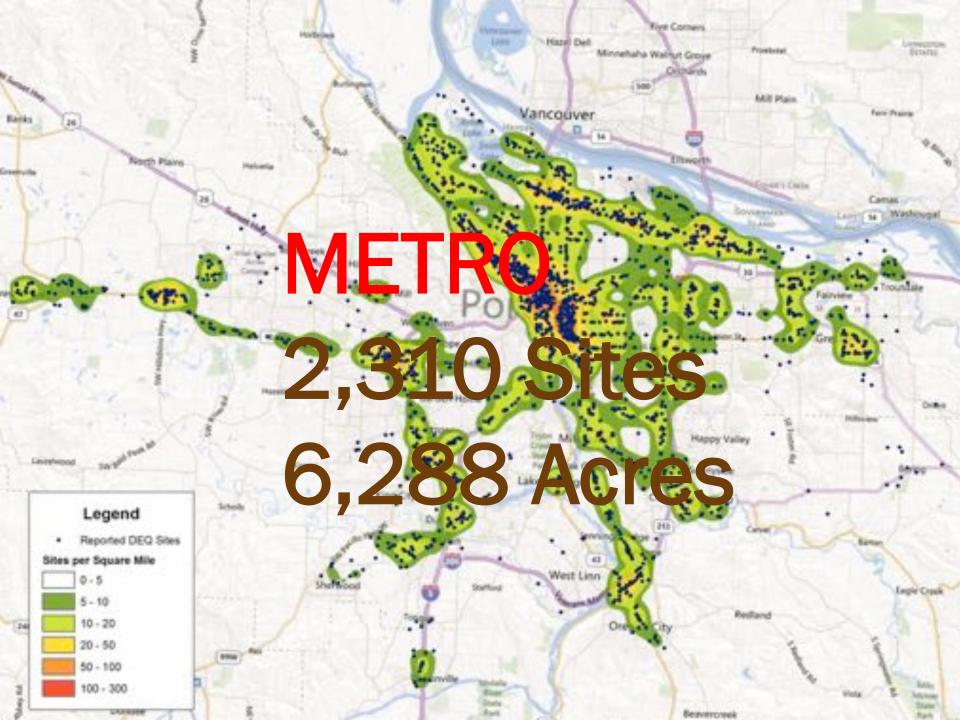
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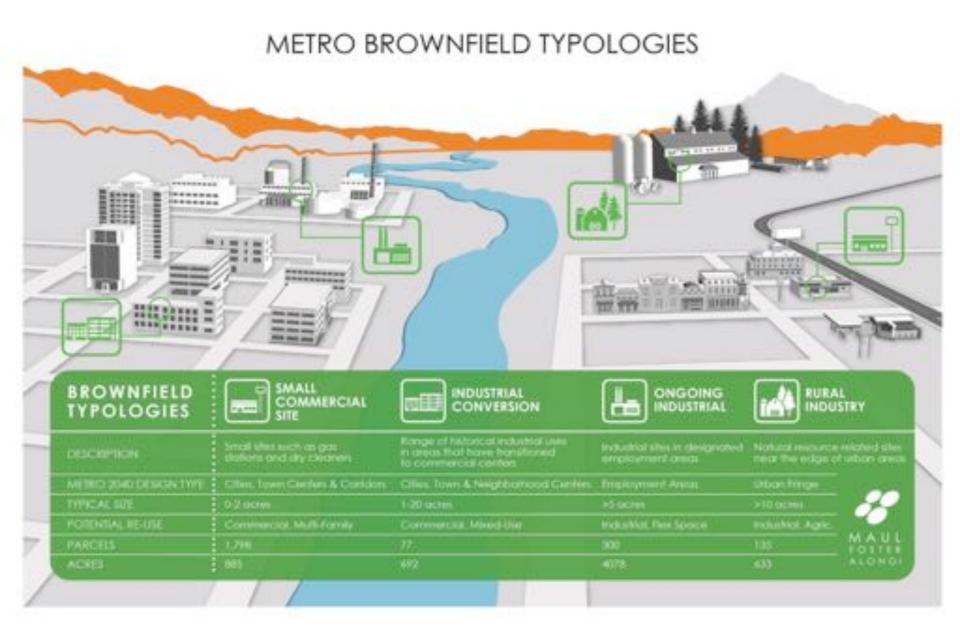
Brownfield Sites by Location



Contaminated Sites in Oregon







Albina Study Area



McLoughlin Corridor Study Area





Tigard Study Area



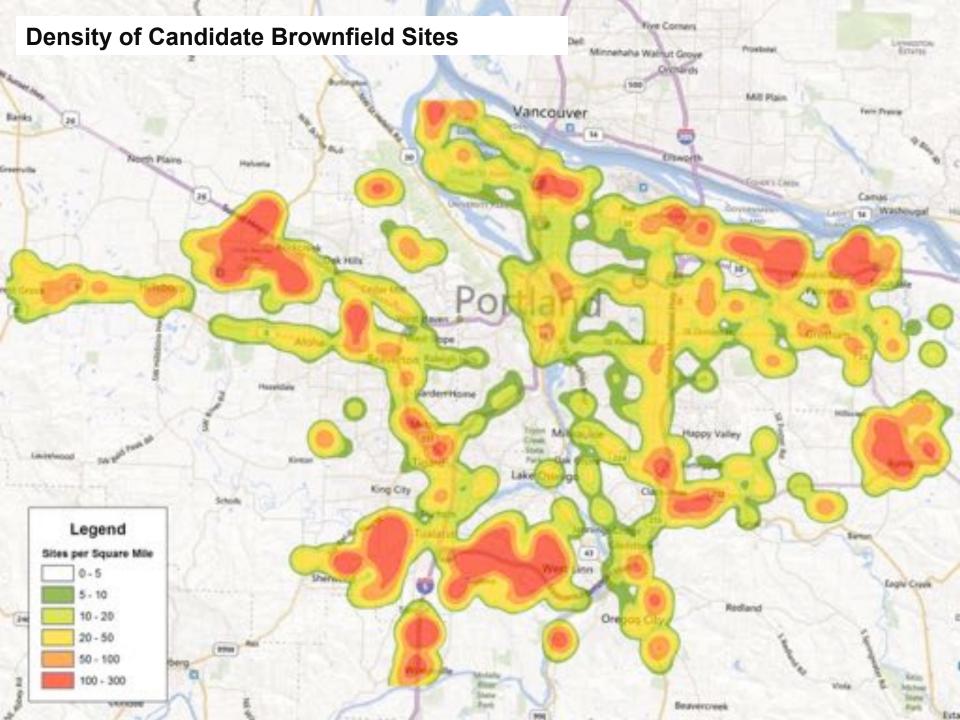


Tualatin Study Area







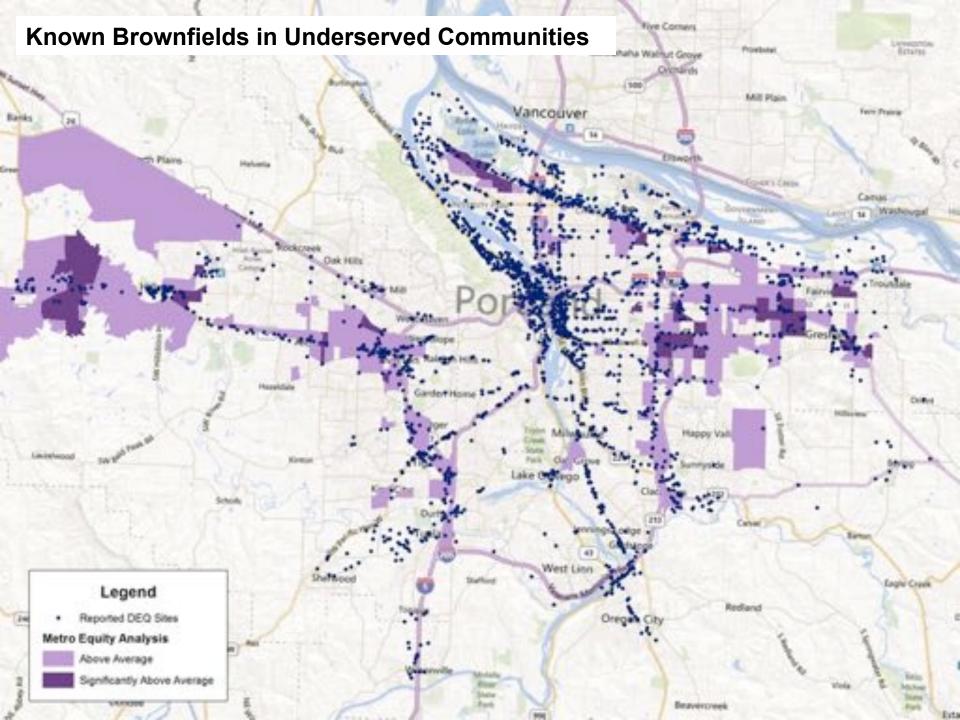


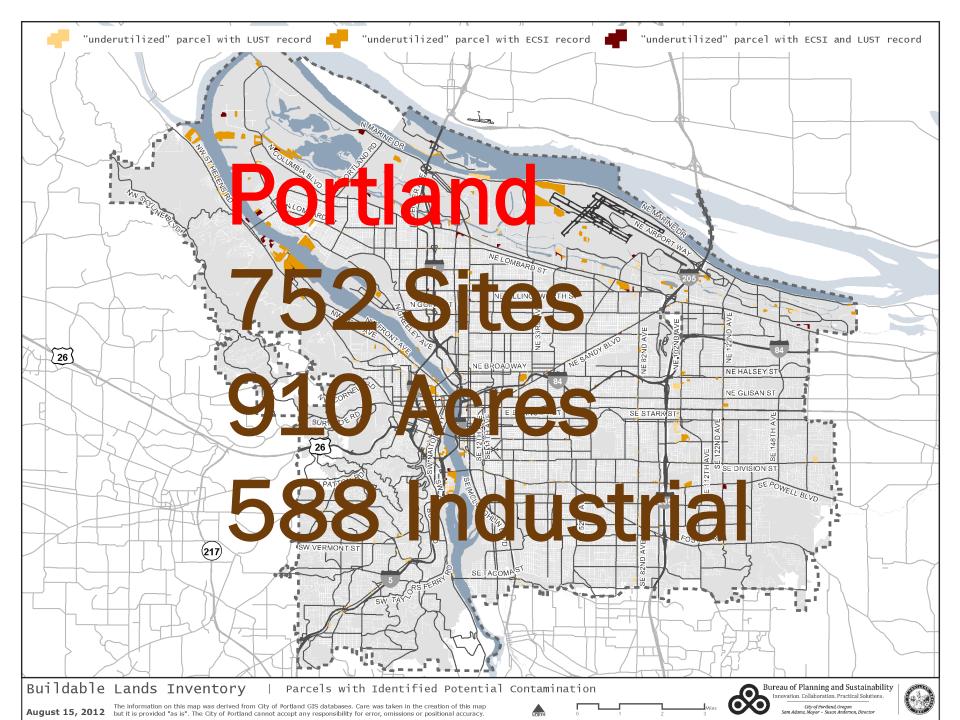
Total Potential Brownfield Sites by 2040 Design Types

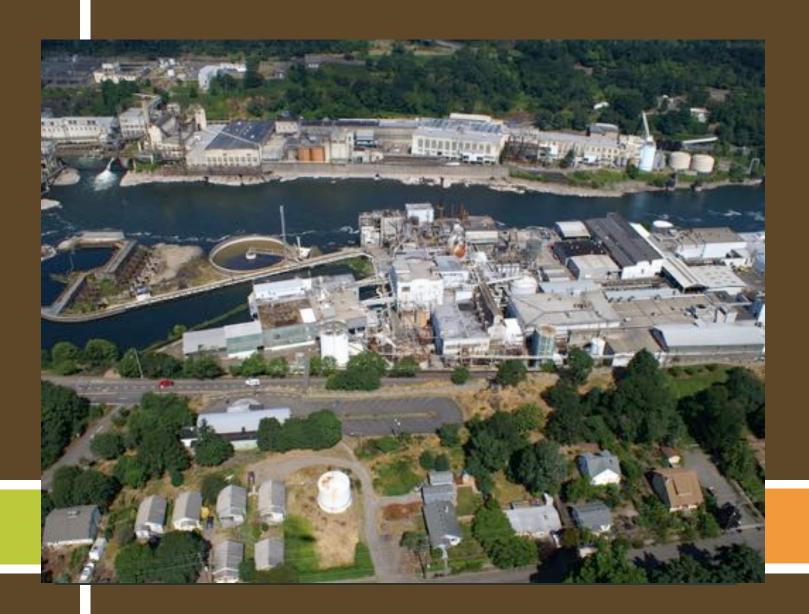


Total Potential Brownfield Sites by General Zoning Class









Why should we care?

Represent a lost opportunity for job creation and economic development.

Represent a lost opportunity for job creation and economic development.

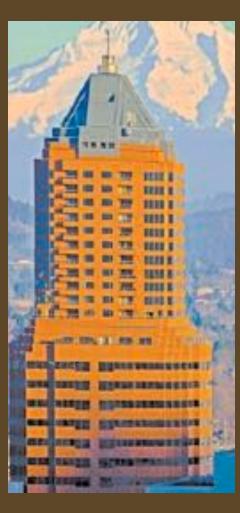
Full build out of all brownfields in the Portland Metropolitan region would create 69,000 jobs on those sites, generating approximately \$1.4 billion in additional wages.

Represent a lost opportunity for job creation, economic development, and smart growth.

 Full build out of all brownfields in the Portland Metropolitan region would create 69,000 jobs on those sites, generating \$1.4 billion in additional wages.

 71 million square feet of new development, generating \$324 million to \$427 million in new property tax revenue.

71 million square feet



X 173

Represent a lost opportunity for job creation, economic development, and smart growth.

- Full build out of all brownfields in the Portland Metropolitan region would create 69,000 jobs on those sites, generating \$1.4 billion in additional wages.
- 71 million square feet of new development, generating \$324 million to \$427 million in new property tax revenue.
- Equates to between 18% to 59% of total 20 year employment demand identified in Metro UGR; 45% of Portland's industrial land need identified in EOA

 65% of Metro area brownfield sites are within a census tract with above or significantly above average underserved population.

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- Statewide, 54% of cleanup sites are located in economically distressed counties

- 65% of Metro area brownfield sites are within a census tract with above or significantly above average underserved population.
- Statewide, 54% of cleanup sites are located in economically distressed counties
- Full build-out of the Portland inventory of potential brownfields would represent a reduction of 39,000 metric tons of CO2 annually— the equivalent of taking 9,200 cars off the road every year.

Increase pressure for development in rural areas.

Increase pressure for development in rural areas.

In the Portland Metro area, full build out of brownfields properties could accommodate 138,000 new dwelling units and save up to \$480 million in public infrastructure.

Increase pressure for development in rural areas.

- In the Portland Metro area, full build out of brownfields properties could accommodate 138,000 new dwelling units and save up to \$480 million in public infrastructure.
- 50% of sites listed in DEQ's ECSI database in the Portland Metro area were within 1,000 feet of sensitive environmental areas, such as wetlands and streams.

Challenges

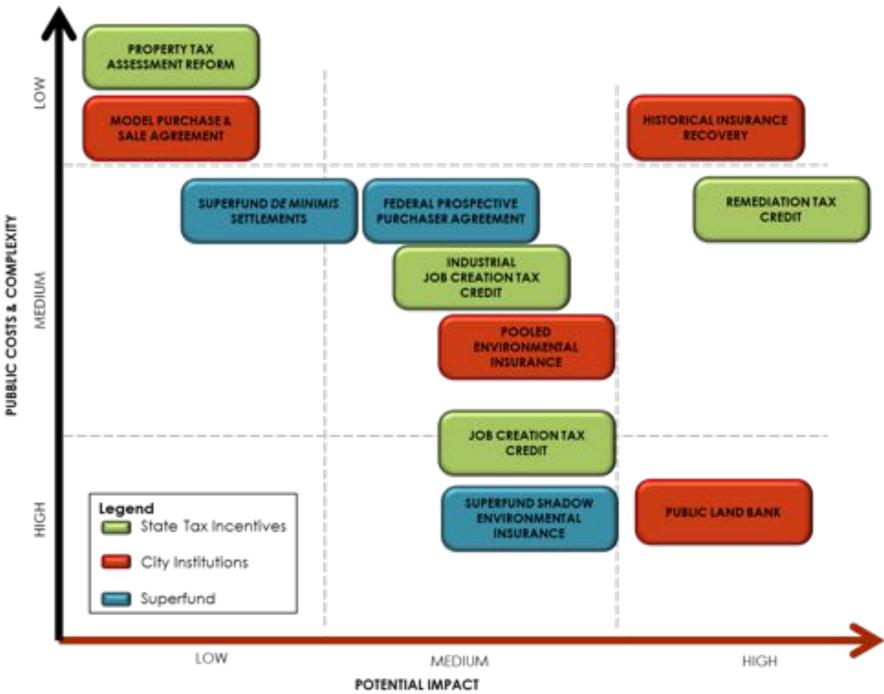
Financial Capacity

Risk and Uncertainty

- Disconnect between Cleanup and Redevelopment
- Regulatory Process



PUBLIC BENEFIT & RETURN ON INVESTMENT SUMMARY ANALYSIS



Return on Investment – Outcome From \$1m Invested – Metro Study

					Annual Tax Revenue/\$m	
	Acres/\$m	Total SF/ \$m	New Jobs/\$m	Dwelling Units/\$m	Property Tax	Personal Income Tax
Remediation Tax Credit	7.8	763,500	160	600	\$1,218,500	\$326,600
Property Tax Abatement	5.6	544,500	110	430	\$869,000	\$232,900
Cleanup Fund	3.9	153,500	40	90	\$243,600	\$113,300
Land Bank	3.5	74,800	30	30	\$123,800	\$94,500

Economic Impact of Existing State Programs

Between 1990 and 2013, **\$1** of state investment in brownfield cleanup leveraged **\$116** in other funds generating 8,900 onsite and indirect jobs.









Thank You

PORTLAND BROWNFIELD PROGRAM New Partners for Smart Growth Conference Portland, Oregon February 13,2016

Jennifer Bildersee City of Portland OR













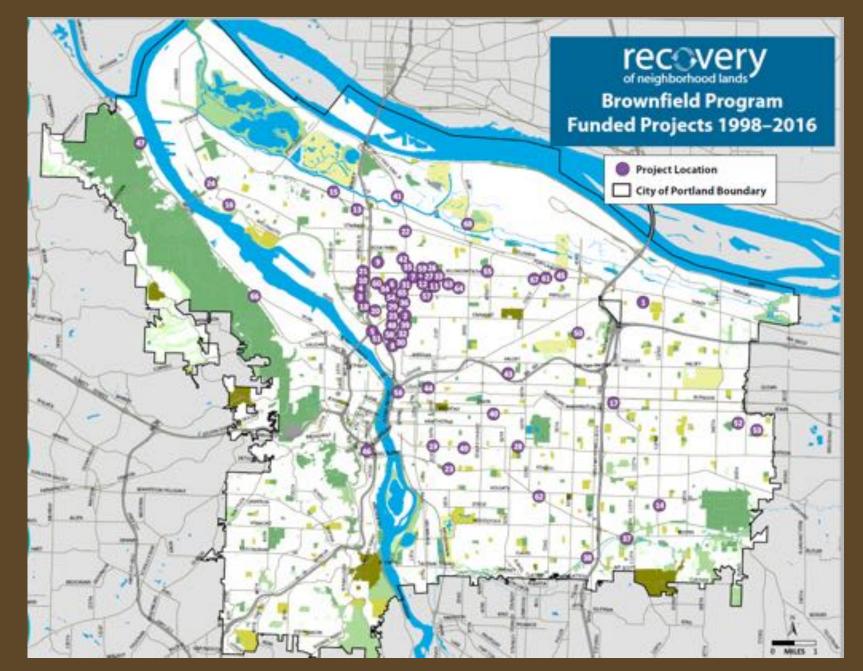








Tool #1: EPA Grants



EPA Assessment Grant











EPA Revolving Loan Fund Grant







EPA Cleanup Grant





Tool #2: Policy Changes

OREGON BROWNFIELDS COALITION

ORGANIZATIONAL COALITION MEMBERS AS OF FEBRUARY 2015

ASSOCIATION OF GREGON COUNTIES LEAGUE OF OREGON CITIES OREGON PUBLIC PORTS ASSOCIATION CITIES OF BEAVERTON, BEND, EDGENE, LINCOLN CITY, PORTLAND, SALEM. SPRINGFIELD AND THEARD CLACKAMES COUNTY MULTRIDMEN COUNTY WASHINGTON COUNTY MITES PORT OF PORTLAND INFORMATING ORFIGINA OREGON DEPT. OF ENVIRONMENTAL **GUALITY** OREGON HEALTH ANTHORITY REGISTRAL SOLUTIONS CONTROL 101,579 1000 FRIENDS OF OREGON AUDURON SOCIETY OF PORTLAND BEYOND TOKICS COMMUNITY HOUSING FUND ERDUNDWORK PORTLAND **MERCHEORISOCO PARTMENTARY** OREGON ENVIRONMENTAL JUSTICE TASK FORCE **GRESON OPPORTUNITY NETWORK** UPSTREAM PUBLIC WEALTH VIED

ASSOCIATED DREGON INDUSTRIES COLUMBIA CORROOR ASSOCIATION NORTHWEST ENVIRONMENTAL BUSINESS COUNCIL ORESON RUTINESS ASSOCIATION

OREGON ECONOMIC DEVELOPMENT ASSOCIATION OREGON STATE BUILDING &

CONSTRUCTION TRADES COUNCIL OREGON STATE CHAMBER OF COMMERCE INTERNATIONAL COUNCIL OF SHOPPING COUTERS

CLACKAMAS COUNTY BUSINESS AUDIANCE

PORTLAND BUSINESS ALLUANCE WESTSIDE ECONOMIC ALLUANCE PORTLAND STATE UNIVERSITY

BROWNFIELDS: POLLUTED SITES, NEW HOPE

Oregon is burdened by thousands of polluted sites called brownfields. Ranging in size from large factory sites to small former gas stations and dry cleaners, over 13,000 brownfields are scattered throughout the state - only 35 percent of which have been assessed or cleaned up.

Nearly every Oregonian has a brownfield in their community. They are the vacant lots we drive by daily, the piles of polluted dirt behind rusting chain link fences, the abandoned storefronts blighting our main streets.

Brownfields must be cleaned up before they can be reused for jobs, housing and other community needs. However, cleanup is expensive. Current owners and potential developers are required to pay, even though the original polluters may have gone bankrupt, been acquired by other companies or disappeared. Landowners interested in cleanup often face a time-consuming and expensive maze of permits, regulations and inspections. Many landowners and developers steer clear of known or potential brownfields because the costs and tisks are too high to justify action.

Government action to help get brownfields cleaned up could unlock billions of dollars of economic activity. The state's small Brownfields Redevelopment Pund has helped create \$2.3 billion in economic activity with relatively minimal investment. But so far the fund has barely scratched the surface of Oregon's brownfield challenge.

SOLUTIONS TO OREGON'S BROWNFIELD CHALLENGE

The Oregon Brownfields Coalition has this goal: find collaborative strategies to help turn these liabilities into community assets quickly and equitably. The members of the Coalition represent public, private and nonprofit partners and a wide range of disparate interests. But we share a common goal with respect to this critical challenge. Brownfields are holding our communities and our economy back. It's time to take action to help communities all over Oregon.

The Coalition proposes these solutions in the 2015 legislative session:

 Recapitalize the state Brownfields Redevelopment Fund, as proposed in the Governor's budget.

- Allow local communities to create land banks and offer tax abatements for brownfield cleanup and redevelopment.
- Create state tax credits for brownfield redevelopment.

We look forward to working with you to solve Oregon's brownfield challenge.

CONTACT

Oregon Brownfields Coalition 503-797-1562 oregonmetro.gov/brownfields

OREGON BROWNFIELDS COALITION

2015 LEGISLATIVE PROPOSAL: MORE DETAILS

Every brownfield is different. It is important to have a range of tools to solve Oregon's brownfield challenge. As such, the Brownfields Coalition is respectfully presenting a three-part legislative proposal for the 2015 Oregon Legislature. In addition to recapitalizing the state Brownfield Pund, here are the strategies the Coalition is recommending.

LAND BANKS (HB 2734): COMMUNITY CREATED, COMMUNITY DRIVEN

A land bank is a locally-created public authority that can acquire, hold, manage and transfer property to new owners. Land banks aim to return brownfield sites tneglected by the open market back into into productive use. They do this by:

- acquiring titles to contaminated, vacant, or blighted properties
- facilitating remediation and/or site improvements to eliminate barriers to redevelopment
- transferring properties to owners who will develop the property in a way that supports community
 priorities.

A land bank works in cooperation with local governments, non-profits, community organizations, lenders, and property developers to leverage available resources to clean up contaminated properties.

How would land banks benefit Oregon communities? Local land banks let the community create a streamlined process to acquire, clean up and redevelop brownfields throughout the state. By making the process faster, easier and cheaper, communities can more easily return brownfields to productive use, in a way that reflects their own values.

BROWNFIELD TAX ABATEMENTS (HB 2734): LOCAL SOLUTIONS MAKE THINGS HAPPEN

Brownfield tax abatements are partial property tax exclusions for specified improvements to brownfields. They can offset tisks and costs of brownfield cleanup, especially for sites that would otherwise remain polluted. Abatements can

- be targeted to specific reinvestment areas
- have a set of conditions attached for participation
- be enacted at the discretion of the local jurisdiction
- offer a new benefit to non-profit development organizations

A tax abatement program for brownfields would focus on work done to assess a property's current contamination and for any cleanup done by the owner. No abatement would be given for any subsequent redevelopment on the property.

How would a tax abatement benefit Oregon communities? A tax abatement program would give local control to municipalities to provide incentives for brownfield remediation and redevelopment. Properties that don't pencil out for redevelopment could potentially become feasible to property owners and industrial developers much sooner.

BROWNFIELD TAX CREDIT (HB 2289): STATE LEADERSHIP CREATES JOBS

A brownfield tax credit would allow property owners and developers to reduce income taxes by a percentage of the documented qualifying costs of brownfield cleanup. This incentive can help offset risks and costs of brownfield cleanup, especially for sites that would otherwise remain pollutied. The tax credit can:

- apply to prospective purchasers or non-responsible owners (public, private, non-profit)
- have an annual program cap

244,244

- require property owners to be enrolled in a DBQ cleanup program.
- require a contribution of cleanup costs from the owner

A tax credit program for brownfields would focus on any work done to assess and cleanup properties, including assessment, demolition, cleanup, and disposal.

How would a tax credit benefit Oregon communities? A tax credit would give a statewide incentive to property owners and developers that might not explore development on known brownhields. The credit could tilt the development feasibility of key industrial and employment sites, as well as town center and main street redevelopment opportunities statewide. Similar tax credits in other states have created thousands of jobs with relatively little state investment.

High Impact – Low Feasibility	High Impact - High Feasibility
Brownfield Cleanup Tax Credit (TC) Licensed Site Remediation Profession program (LSRP)	Regulatory Enhancements (REGs) Land Bank (LB) Business Oregon Brownfield Fund (BOB) Tax Abstement (TA)
Brownfield Urban Renewal Aceas (BURA)	
Low Impact - Low Feasibility	Low Impact - High Feasibility
Brownfield Opportunity Areas (BOAs)	
Tax Assessment Reform	

Feasibility

78th OREGON LEGISLATIVE ASSEMBLY-2015 Regular Session

C-Engrossed House Bill 2734

Ordered by the House June 2 Including House Amendments dated March 19 and April 27 and June 2

Sponsored by Representative READ, Senator HANSELL, Representative FREDERICK; Representative HUFFMAN. Senator ROBLAN (Presession filed.)

SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure

Authorizes local government to create by ordinance or resolution Land Bank Authority as municipal corporation.

Authorizes authority to have powers necessary to acquire, rehabilitate, redevelop, reutilize or restore brownfield properties. Authorizes authority to bring action to recover remedial action costs or damages and authorizes court in such action to allow authority to recover costs, expert witness fees, reasonable attorney fees and prejudgment or preaward interest.

Provides process for dissolution of authority.

Exempts authority, under certain circumstances, from liability for spill or release of oil or hazardous material existing on property as of date authority becomes owner or operator of property. Requires authority to be managed and controlled by board of directors. Sets forth duties of board

[Authorizes local government to adopt program granting property tax abatement against taxes im-posed on brownfields in amount equal to specified percentage of certain remediation costs. Provides that program becomes effective only upon certain threshold level of concurrence by local taxing dis-tricts. Provides that additional abatement may be granted if local government adopts additional re-quirements in connection with development of brownfields. Provides that amounts of abatement in excess of tax liability may be carried forward for four consecutive property tax years. Provides for clawback of abated amounts if abatement of brownfield revoked for cause.]

A BILL FOR AN ACT

Relating to remediation of contaminated property; creating new provisions; and amending ORS

244.050, 465.255, 466.640 and 468B.310.

Be It Enacted by the People of the State of Oregon: 4



78th OEEGON LEGISLATIVE ASSEMINLY-2016 Regular Somina

House Bill 4084

Spensored by Representatives MCKEOWN, FREDERICK, GORSEK, DAVIS; Representatives EVANS, FAGAN, HACK, HOLVEY, JOHNSON, RENY-GUYER, LIVELY, MCLAIN, PILUSO, RAYFIELD, REARDON, Sensiors HANSELL, ROBLAN (Presention filed.)

SUMMARY

The following summary is not propared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential Roturns of the measure as introduced.

Authorizes certain local governments to adopt ordinance or resolution providing property tax incentive programs that grant special assessment to brownfields or exemption to new and existing improvements and personal property on brownfields for period of up to 10 years, with additional period up to five years based on locally adopted criteria. Caps dollar amount of benefits at specified eligible costs for property.

Provides that ordinance or resolution becomes effective only if rates of taxation of taxing dis-tricts located within torritory of local government whose governing boards agree to incontive pro-grams, when combined with rate of local government adopting incontive programs, equal 51 percent or more of total combined rate of taxation within territory of local government. Provides that eligible costs equal discounted present value of estimated after-tax costs directly related to remaining work necessary to remove, contain or treat contamination of browsfield.

Provides for clawback of property tax incentive program benefits upon disqualification for failure to comply with eligibility requirements or make reasonable progress on remediation or redevelopment or for misleading or false statements in application to participate in incentive programs.

Sunsets authority to adopt ordinance or resolution on January 2, 2037. Takes effect on 91st day following adjournment sine die.

A BILL FOR AN ACT

Relating to tax incentives for brownfield cleanups; and prescribing an effective date.

Be It Enacted by the People of the State of Oregon:

SECTION 1. (1) The governing body of a city or county, or of a port organized under ORS chapter 777 or 778, may adopt an ordinance or resolution providing for programs that offer

either or both of the following ad valorem property tax incentive benefits:

(a) Special assessment of any land that constitutes a brownfield, as defined in ORS 285A.185, located within the respective jurisdiction of the city, county or port.

(b) Exemption or partial exemption of improvements and personal property on land de-

Tool #3: Using brownfield tools, but not calling them brownfield projects ...especially with community projects.





June Key Delta Community Center on a former gas station N Portland

June Key Delta Community Center closer to becoming first African-American owned Living Building

R Post

De Constante

ReCares Parks | Net Gregorian/Gregorium ow on Twitter arminer 18, 2012 at 3:49 PM, updaled December 21, 2023 at 6:43 PM

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WHAT DO PORTLAND CITY EMPLOYEES MAKE?

Searchable database

The Delta Signa Theta sorority has added solar panels to their June Key Delta Community Center, moving the former gas station one step closer to becoming the first African-American-owned Living Building.

The scronity will debut the panels and host tours Tuesday during an open house at the site, across from Peninsula Park at 5940 North Albina St.

The scrority, a chapter of an international sisterhood of black college-educated women, bought the former Arco site in 1992 with intentions of mhubbing the contaminated site. They opened the community center two years ago with many sustainable features.



City government pay









Frazer Park Community Garden former building site, lead paint NE Portland



Tool #4: Really, really calling them brownfield projects ...especially with community projects.



Dharma Rain Zen Center on a former landfill **NE Portland**



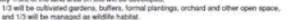
Funding sources included:

- City of Portland EPA Brownfield Assessment Grant
- City of Portland EPA Brownfield Revolving Loan **Fund Grant**
- EPA Brownfield Cleanup Grant
- **Oregon Business Development Department Brownfield Redevelopment Fund**
- **Regional Solutions Brownfield Grant**



Dharma Rain Zen Center, Portland, Oregon

- Shows entire site, with NE 82nd Ave, on the western border, and NE Siskiyou St. along the upper border.
- The collection of six buildings in the center make up the formal temple grounds.
- Approximately 1/3rd of the land area on site will be developed.





NUMBER



Tabor Commons on a former gas station SE Portland







the end.



U.S. EPA

New Partners for Smart Growth Conference Portland, Oregon February 13,2016

> Matthew Dalbey, PhD U.S. Environmental Protection Agency

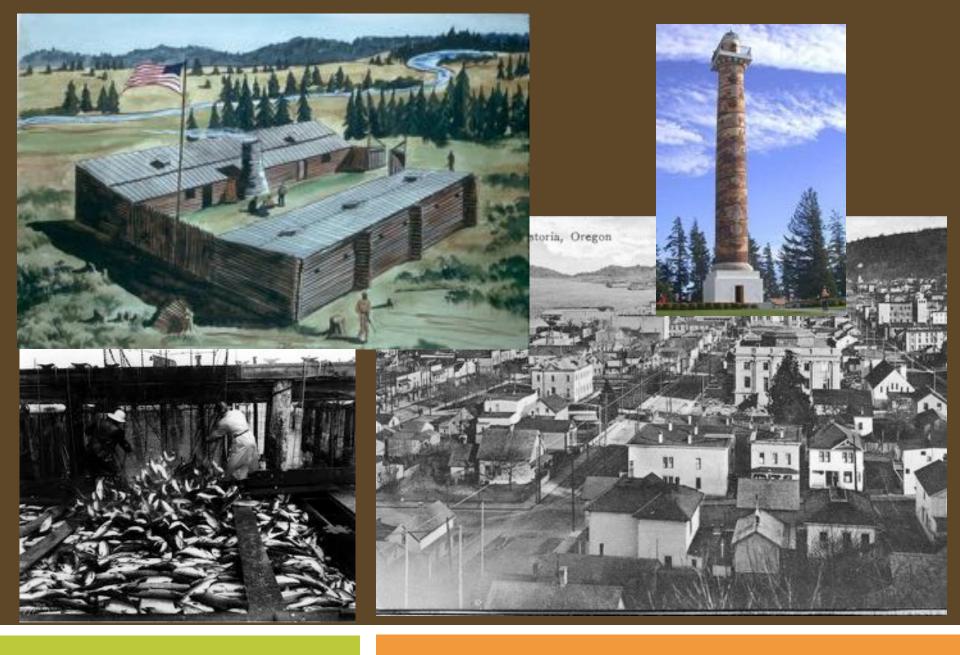
Case Study in Brownfield Redevelopment: From Legacy Landfill to New Home Stadium of the Fighting Fishermen

> New Partners for Smart Growth Conference Portland, Oregon February 13,2016

> > Stacy Frost, PE Environmental Engineer Maul Foster & Alongi, Inc.

1/1





History

1965 - Opened



1978 - Uncontrolled leachate discharge, DEQ requires closure

<image>

Landfill Background

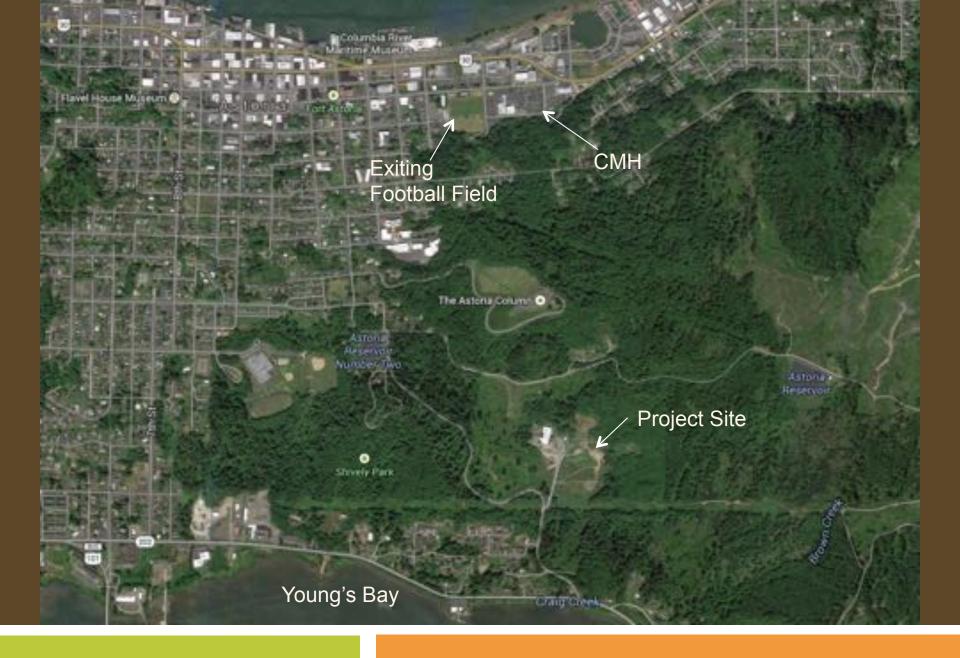


Transfer Station built in 1985

Closure Permit issued in 1986



Landfill Background



Project Background

Community Partnership



- Close and Cap Landfill
- New Sports complex for school district
- Possible new revenue source for school district
- Existing football field can be redeveloped as hospital campus expansion

4-Party Agreement

Each party is a signer to the agreement
 Defined relationships between parties and expected outcomes (36 pages)

- Costs
- Property transfers/leases
- Warranties
- Deed restrictions

Project Funding

\$1,445,000 Remediation \$6,041,000 Athletic Complex Dev.



Columbia Memorial Hospital \$6,250,000

- City of Astoria \$795,000
- Astoria School District \$200,000
- Recology Western Oregon \$141,000
- Oregon Dept. of Env. Quality \$100,000



Design Considerations

- 63
- Settlement of the landfill;
- 2. Capping of the landfill;
- 3. Landfill gas collection;
- 4. Subsurface water flow;
- 5. Stormwater runoff collection/conveyance;
- 6. Minimize disruption in the operation of the Transfer Station.

Settlement of the Landfill

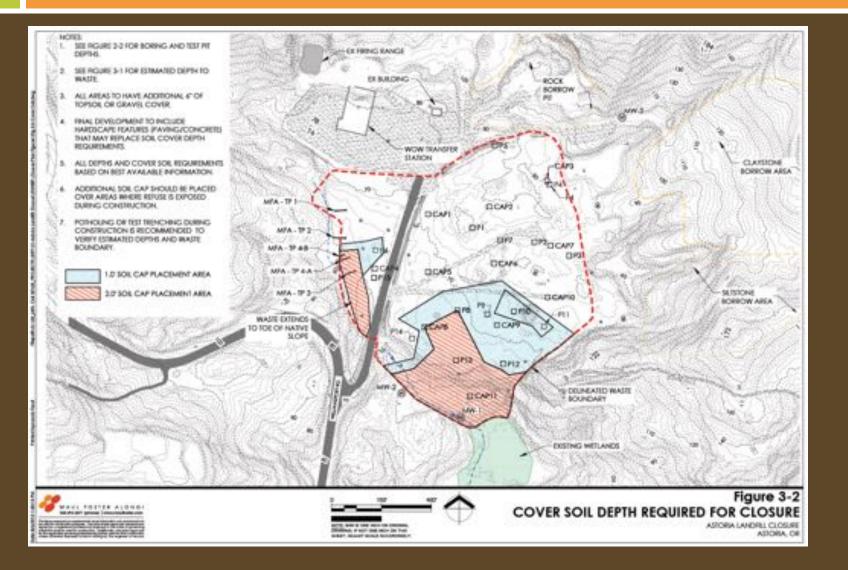
Rock Surcharge **20,000** Cy Placed in three stages Two months min VIDEO LINK

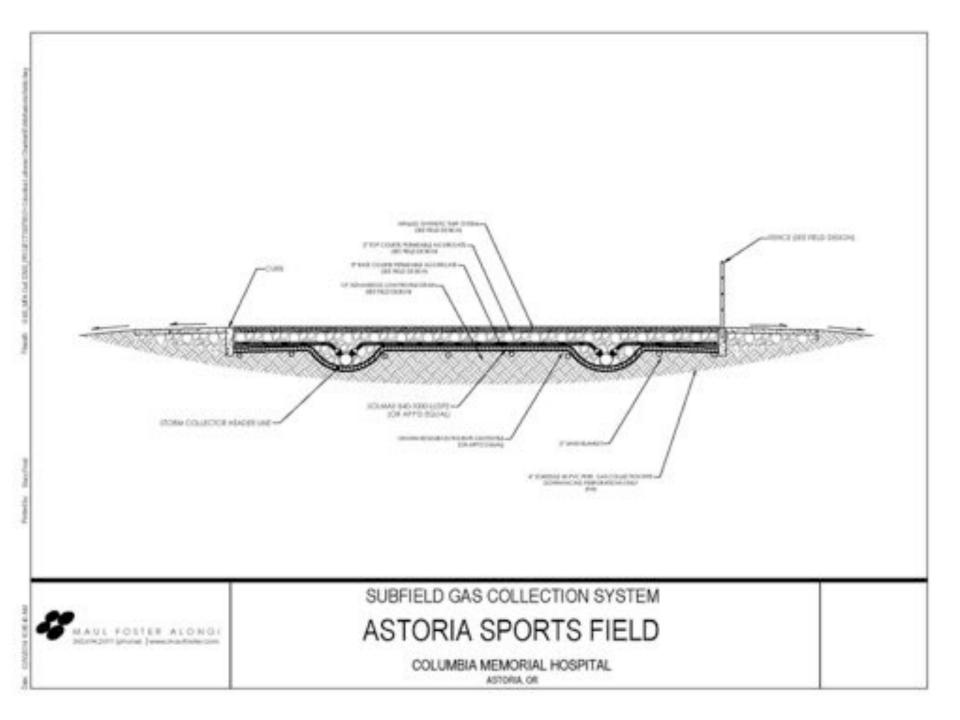


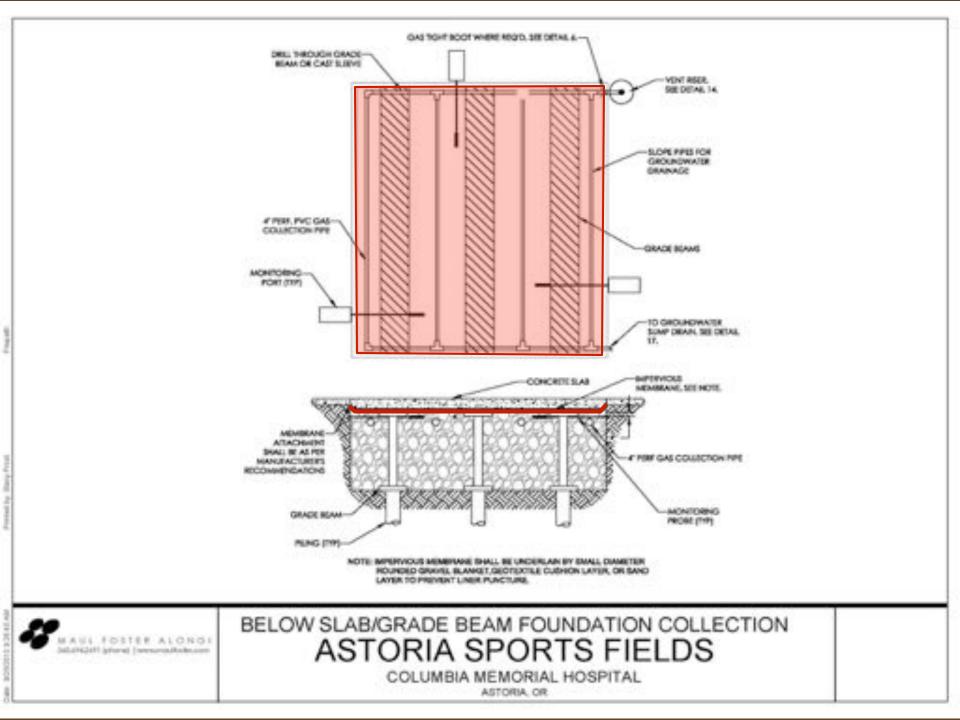
Capping of the Landfill

Closure required by DEQ: 30" minimum compacted clay soil cap 2% minimum overland slopes Cover systems for development Asphalt pavement & gravel LLDPE under field HDPE under buildings PVC liner in ditches

Capping of the Landfill







Landfill Gas Collection



Methane Controls in Buildings

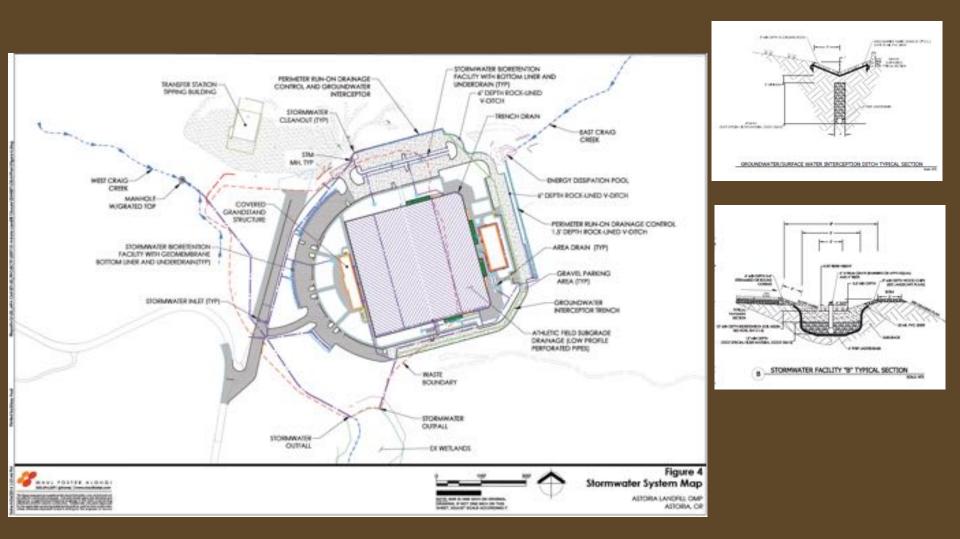




WARNING THIS BUILDING IS PROTECTED WITH A METHANE CONTROL BARRIER. ANY PROPOSED PENETRATION OR ALTERATION OF FLOOR SLAB REQUIRES NOTIFICATION OF THE BUILDING OFFICIAL AND INSPECTION BY AN ENGINEER.



Stormwater Controls



Stormwater Controls







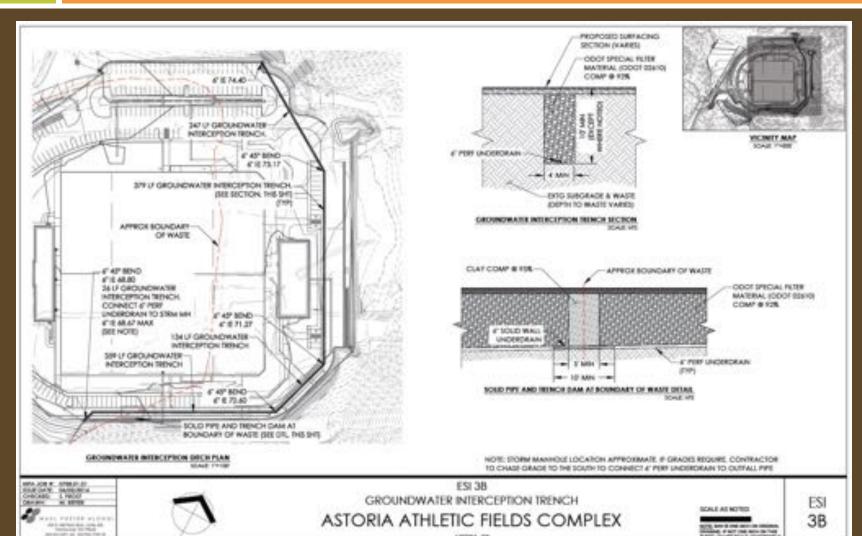


Stormwater Controls





Groundwater Controls



ACCERA, OR

And Market Market with

Before (March 2012)



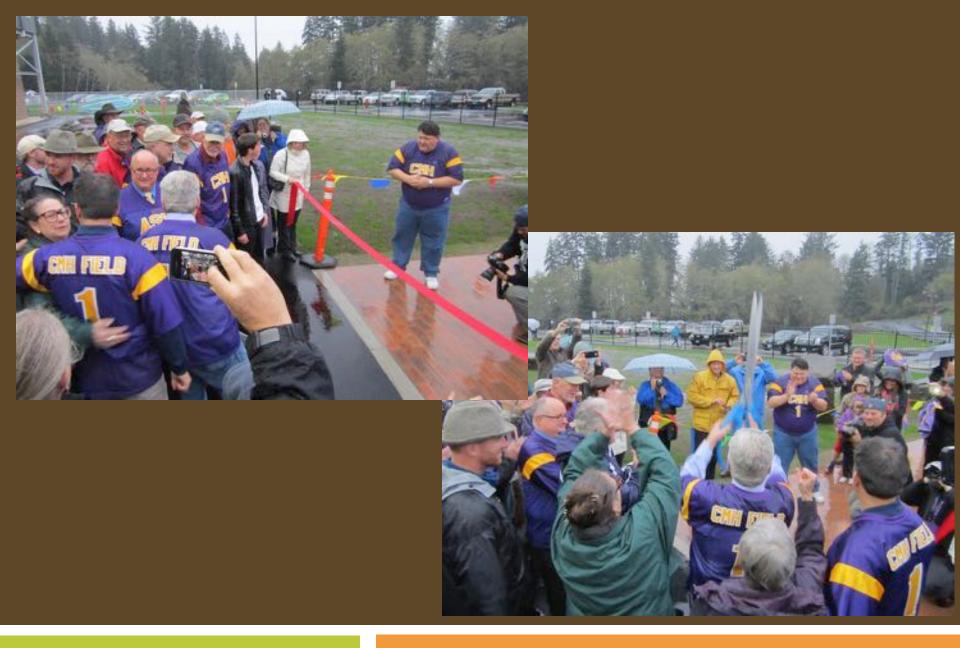
After (August 2014)



Lessons Learned

- Communicate with reviewing agencies early and often.
- Public /Private Partnerships
- Learned from other landfill redevelopments.

Need to educate stakeholders about the reality of obstacles during brownfield redevelopment.



Ribbon Cutting



Made possible through the combined efforts and partnership of

The City of Astoria, Columbia Memorial Hospital, Astoria School District and Recology

Through this project the Astoria School District received a fine athletic field to be used by all ages and genders for generations to come. Columbia Memorial Hospital received property vital to the expansion of its campus and the services that are entroted to the community. The City of Astoria reused its former landfill site for the benefit of the community Recology improved services to the City and furthered their goal as a waste zero company.



Special Thanks to: SENATOR BETSY JOHNSON

THE DEPARTMENT OF ENVIRONMENTAL QUALITY

Owner's Representative: Al Jaques Designed by: Maul Foster and Alongi, IBI Group Architects Inc., and Field Design Engineer DA Hogan









Thank You



Questions?

Stacy J. Frost, P.E. <u>sfrost@maulfoster.com</u>

EYESORES TO EYE CANDY

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