

2007 OEI National Meeting



**Feature Session #5
“The Importance of ‘Where’ in Accessing
Environmental Information”**

Panelists



- Jerry Johnston, OEI
- Harvey Simon, EPA Region 2
- Larry Thornton, New Jersey Department of Environmental Protection

The Five “W’s”



Gig Harbor, WA awarded \$200,000 for Brownfields revitalization project at Eddon Boatyard

U.S. Environmental Protection Agency

Region 10: The Pacific Northwest

Recent Additions | Contact Us | Print Version Search: **GO**

[EPA Home](#) > [EPA Newsroom](#) > [Press Releases from Region 10](#) > Gig Harbor, WA awarded \$200,000 for Brownfields re...

Gig Harbor, WA awarded \$200,000 for Brownfields revitalization project at Eddon Boatyard

Release date: 06/04/2007

Contact Information: Lauren Lund, (253) 853-3554, Marketing Dir., City of Gig Harbor, Susan Morales, (206) 553-7299, morales.susan@epa.gov, or Mark MacIntyre, (206) 553-7302, macintyre.mark@epa.gov

Revitalization of Downtown Waterfront Includes Nod to Maritime Heritage

(Gig Harbor, WA – June 4, 2007) The city of Gig Harbor, Washington was selected to receive a \$200,000 Brownfields grant to clean up contamination in and around the Eddon Park Boatyard, located in the downtown scenic waterfront. The federal funds will help move the environmental cleanup ahead in and around the historically important (1920's) Puget Sound boat building location. The site also serves as one of the few public access points to Gig Harbor, itself named after small watercraft associated with early European exploration of the Northwest.

Today's funding announcement follows an EPA grant awarded in 2006 to clean up an adjacent property (3805 Harborview Drive) including a historic boat house, all of which will be redeveloped into a city park honoring the town's boat building heritage.

Gig Harbor Mayor, Chuck Hunter, long a project proponent, sees this as a major step forward in the effort to realize his dream for the community.

"This particular park has been a passion of mine even before I was elected Mayor," said Hunter. "I am so pleased to see it moving forward and getting the funding it needs to progress."

According to Tom Eaton, EPA Washington State Director, the Gig Harbor project is fortunate to have such strong community support, demonstrated by the recent passage of a \$3.5 million, voter-approved, land acquisition bond.

"This is a stellar example of a Brownfields project," said EPA's Eaton. "It's a textbook case of how a project built on multi-level collaboration, local partnerships and community investment can turn formerly blighted land into a civic 'jewel' for residents and visitors alike. Many state and local agencies, the Suquamish Tribe and several community

Done Trusted sites

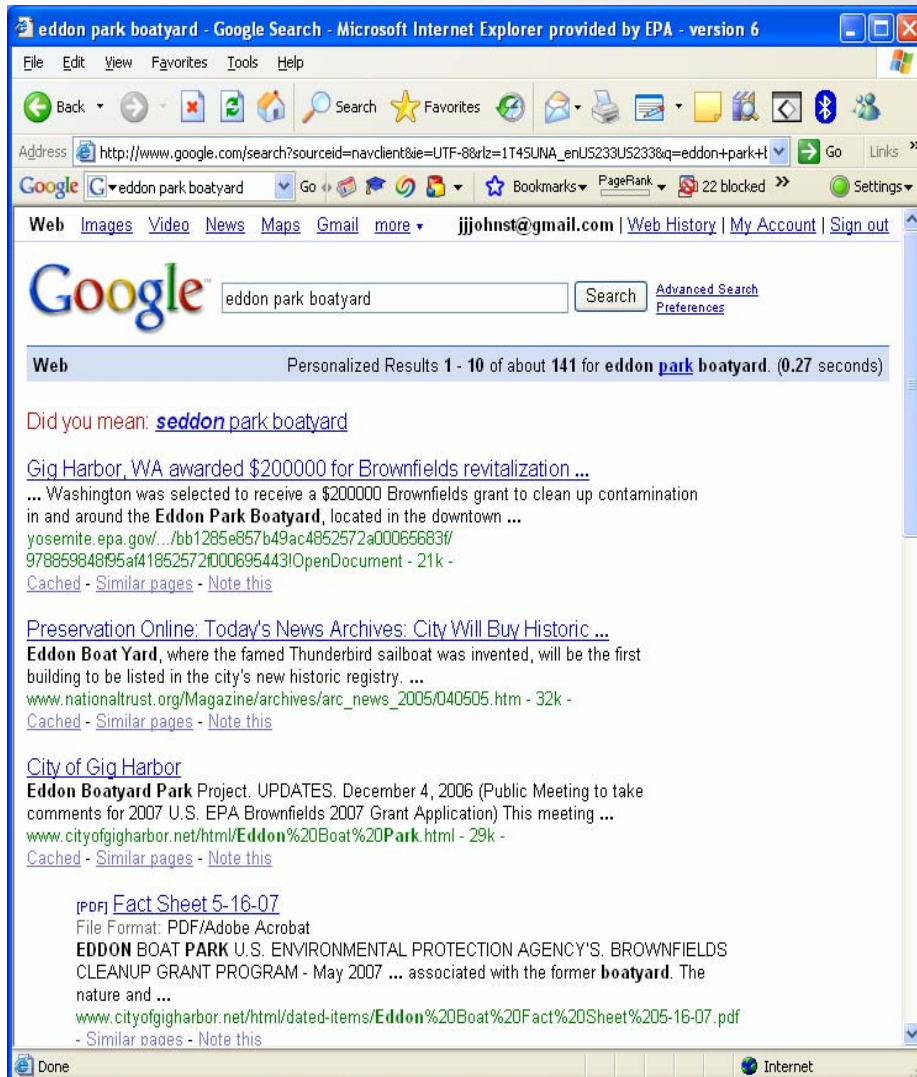
For Conference Purposes Only

The Five “W’s”



- Who?
 - City of Gig Harbor, Washington
- What?
 - Grant for brownfields revitalization effort
- Why?
 - Cleanup historically important Puget Sound boat building location for redevelopment
- When?
 - Grant announced June 4, 2007
- Where?
 - Puget Sound
 - Gig Harbor, Washington
 - Eddon Park Boatyard

The Five “W’s”



How much information with regards to “Where” is really provided with the information that is available from the press release?

80% of all data has a spatial component that is typically discarded

“Where” provides understanding



schools loc: 3711 harborview drive, gig harbor, wa - Google Maps - Microsoft Internet Explorer provided by EPA - version 6

File Edit View Favorites Tools Help

Address <http://maps.google.com/>

Google Search Businesses

Search the map Find businesses Get directions

Search Results My Maps

Text View Map View

Results 1-10 of about 19,743 for schools near 3711 Harborview Dr, Gig Harbor, WA 98332 - [Modify search](#)

Categories: [Schools - Public](#), [School Preschool & Kindergarten](#)

- A** [Peninsula School District](#) - [more info](#) »
3718 Rosedale St NW, Gig Harbor, WA
(253) 530-4320 - 0.2 mi S
Category: Schools
- B** [Harbor Ridge Middle School](#) - [more info](#) »
9010 Prentice Ave, Gig Harbor, WA
(253) 530-1900 - 1 review - 0.5 mi N
Category: Schools
- C** [Peninsula School District Harbor Ridge Middle School](#) - [more info](#) »
9010 Prentice Ave, Gig Harbor, WA
(253) 858-5530 - 0.5 mi N
- D** [St. Nicholas School](#) - [more info](#) »
3555 Edwards Dr, Gig Harbor, WA
(253) 858-7632 - 2 reviews - 0.5 mi S
Category: Schools - Private

2007 Google - Imagery ©2007 DigitalGlobe, TerraMetrics. Map data ©2007 NAVTEQ™ Terms of Use

Done Internet

For Conference Purposes Only

“Where” provides context



Window to My Environment - Microsoft Internet Explorer provided by EPA - version 6

File Edit View Favorites Tools Help

Address <http://134.67.99.109/wme/myWindow.asp?requestTimeout=300&xl=-122.614791&yt=47.347914&xr=-122.566576&yb=47.311753>

U.S. Environmental Protection Agency

Window to My Environment

Contact Us | Online Help | Background

EPA Home > Where You Live > Window to My Environment > Mapping Result

EPA EnviroMapper®

PCS Detailed Reports - Microsoft Internet Explorer provided by EPA - version 6

File Edit View Favorites Tools Help

Address http://oaspub.epa.gov/enviro/pcs_det_reports.pcs_tst?npdesid=WAG031009&npvalue=1&npvalue=2

Facility

FACILITY NAME (1):	GIG HARBOR BOAT YARD INC	NPDES:	WAG031009
FACILITY NAME (2):	3117 HARBORVIEW DRIVE	SIC CODE:	1794 = EXCAVATION WORK
STREET 1:		MAJOR / MINOR:	
CITY:	PIERCE	TYPE OF OWNERSHIP:	PRI = PRIVATE
COUNTY NAME:	WA	INDUSTRY CLASS:	R
STATE:	98335	ACTIVITY STATUS:	A = Active
ZIP CODE:	10	INACTIVE DATE:	02-NOV-2010
REGION:	+4719390	TYPE OF PERMIT ISSUED:	S = STATE
LATITUDE:	-12234220	PERMIT ISSUED DATE:	08-DEC-1997
LONGITUDE:	B = 3 METERS	PERMIT EXPIRED DATE:	02-NOV-2010
LAT/LON CODE OF ACCURACY:	A = MAP INTERPOLATION	ORIGINAL PERMIT ISSUE DATE:	12-APR-1993
LAT/LON METHOD:	3 = 24,000	STREAM SEGMENT:	
LAT/LON SCALE:	1 = NAD27	MILEAGE IND:	
LAT/LON DATUM:	02099	FEDERAL_GRANT_IND:	
LAT/LON DESCRIPTION:		FINAL LIMITS IND:	F = FINAL
USGS HYDRO BASIN CODE:		SLUDGE CLASS FAC IND:	
FLOW:			
RECEIVING STREAM CLASS CODE:			
RECEIVING WATERS:			
PRETREATMENT CODE:			
SLUDGE INDICATOR:			

For Conference Purposes Only

Example Scenario



House Hunting Trip of the (Near) Future...

- Are there hazardous waste facilities near by?
- What is the drinking water quality like here?
- What is the air quality like today? On a typical summer day?
- What about the quality of the water in the nearby stream?
- Where is the closest recycling facility? What do they accept and when are they open?
- Where are the closest parks? What facilities do they have, and what services do they offer?
- *etc.*
- **How many different searches would you need to take on to make all of this happen today? What is the value of providing this information *instantly* to a cell phone?**



U.S. Environmental Protection Agency



Region 6

Serving Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes

Regional Administrator

Air

Water

Land

Compliance

Collaboration

Innovation

Homeland Security

U.S./Mexico Border

Newsroom

EPA En Español

Programs

What do these categories mean?

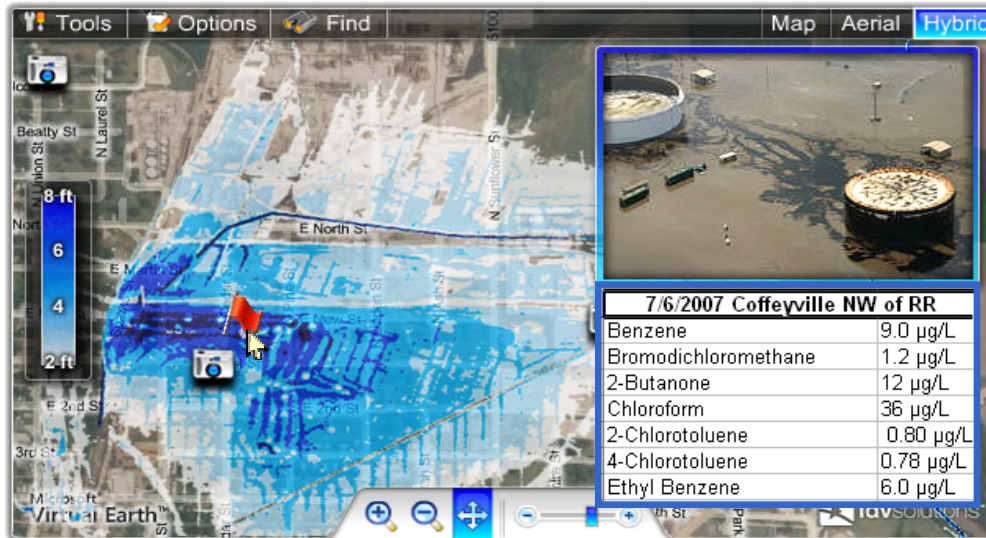
For KIDS

Search bar with a 'Go' button

You are here: [EPA Home](#) » Region 6

Quick Finder

- | | | | | |
|---------------------------------|------------------------------|--------------------------------------|--------------------------------|--------------------------------------|
| Acid Rain | Air Cleanup | Asbestos Enforcement | Careers | Clean Air Act Grants |
| Clean Water Act | Human Health | Lead | Global Warming | Mold |
| Hazardous Waste | Ozone | Pesticides | Mercury | Radon |
| Oil Spills | Radiation | Research | Radon | Recycling |
| Regions | TRI | Wastes | Superfund | Technology |
| Test Methods | | | Water | Wetlands |
| More... | | | | |



Top Stories

EPA Flood Response

EPA is working closely with its state partners and local agencies to respond to the flood and oil spill emergencies in Oklahoma and Kansas. Local authorities can provide guidelines and assistance for residents preparing to return to homes or businesses. For additional information on the flood response and safety information, go to the following:

[EPA Announces Agreement to Address Coffeyville Oil Spill](#)

PandemicFlu.gov

Region 6 Administrator

Richard Greene's

- [Web Page](#)
- [Biography](#)
- [Speeches and](#)



The Challenge for EPA



How do we move towards complete, seamless adoption of place as a keystone concept in providing access to *relevant* environmental information?

The technology is widely available...



- Mapping Sites and APIs
 - Yahoo Maps / MapQuest / MapBlast / etc.
 - When was the last time you asked someone for directions?
 - Google Maps: Mashups for the masses
 - Microsoft Virtual Earth: The centerpiece of Live Local
 - ESRI making rapid technological advancements in both their internet mapping and geoanalytical product suites
- GPS and Location Based Services
 - Tom Tom purchases TeleAtlas for ~\$2 billion
 - Nokia purchases Navteq for ~\$8 billion
- Standards
 - Open Geospatial Consortium
 - GeoRSS and syndication of geographically referenced content

Expectations are changing...



“Ten years ago, if you wanted a high-resolution picture of Moscow, you would need to work for the Central Intelligence Agency. Now you can buy it from 20 different sources, including [those in] Moscow, France, India or China. So this idea of seeing Earth from space is no longer a military secret topic. They’re like postcards from Europe.”

Michael Jones, Google Earth Chief Technologist, Google

...But there are challenges ahead



- Content is what matters – not necessarily interfaces**
- Quality data is still at the heart of what we do**
- Place based approaches need to be better incorporated into the business processes of the Agency**
- Not all of our data are quickly and readily available to consumers**
- National, framework data development needs to be better coordinated**
- Need to enforce enterprise GIS data and metadata standards at EPA and among our partners**
 - Building bridges with data stewards thru the Exchange Network**
 - Building common tools and schemas**
 - Speaking with one federal voice**
 - Getting included in state and tribe GIS governance networks.**

Discussion Topics



1. What environmental information do our partners hold that EPA might serve as a broker to the public for in the same capacity?
2. Extremely dynamic market – how will these tools and data be available in the future?
 - How do we leverage purchasing power across government?
 - What are the limitations of these commercial services?
3. How do we better work with states and tribes to share not only data, but applications, tools and initiatives (how do we proactively inform partners of our activities?)
 - Are states and EPA competing for the provision of geospatial data and services?
 - What about other Federal agencies that collect and serve environmental geospatial data?
4. What do we need to accomplish in the geospatial community at EPA to be prepared for the next incident of national significance?