TGPC Website Redesign
October 10, 2012

Presenter: Tomeka Herod
WGI Overview

- 26+ year old company
- Based in Texas (Dallas)
- Web development and telecommunications equipment installations firm
- TEX-AN 2000 Web Development Vendor 1999-2005 (only company to get 1 year extension)
- DIR Information and Communications Technology (ICT) Cooperative (Co-op) Contracts Vendor 2010-present
- TGPC’s web hosting provider since December 2002
- Stable, consistent account manager, T. Herod
- Worked with F. Fuller and K. McCormack
THE WILKINS GROUP, INC.

WGI Website Development Process

- Meet with the customer’s subject matter expert (SME)
- Collaborate with TGPC’s SME to understand the site’s design expectations, goals and objectives
- Define scope of work (SOW)
- Receive feedback from WGI website questionnaire and custom website survey (refer to survey results in today’s meeting package)
- Develop a mutually-agreed project schedule
- Present and revise design mockups
- Proceed with development
- Reviews & sign offs in test area on live, secure environment
- Publish to live area
New TGPC Web Site Scope of Work

- Design a website that is compatible with HTML5 and all recent versions of the following Internet browsers: Mozilla Firefox, Google Chrome, Microsoft Internet Explorer, Apple Safari
- Follow W3C’s Web Content Accessibility Guidelines to ensure that the website complies
- Archive original website on CD
- Create a visually-appealing website viewable on modern monitors
- Install Google Analytics on new website to monitor website traffic and statistics
- Incorporate Google search box at the top of the home page
- Ensure that there are no broken links within the new website
- Train TGPC’s web manager on maintaining the website
- Create a website training manual/documentation of steps to maintain the website
## TGPC Users’ Browsers

1. Internet Explorer
2. Firefox
3. Safari

### Browser Usage

<table>
<thead>
<tr>
<th>Browser</th>
<th>Visits</th>
<th>% of Total</th>
<th>Avg. Visit Duration</th>
<th>% New Visits</th>
<th>Bounce Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet Explorer</td>
<td>3,457</td>
<td>51.61%</td>
<td>0:00:20</td>
<td>80.61%</td>
<td>71.65%</td>
</tr>
<tr>
<td>Firefox</td>
<td>1,806</td>
<td>27.91%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Safari</td>
<td>1,806</td>
<td>27.91%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Chrome</td>
<td>907</td>
<td>13.55%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Android Browser</td>
<td>156</td>
<td>2.33%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Mozilla Compatible A</td>
<td>72</td>
<td>1.07%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Opera Mini</td>
<td>36</td>
<td>0.54%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Opera</td>
<td>18</td>
<td>0.27%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Others with Chrome F</td>
<td>17</td>
<td>0.25%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
<tr>
<td>Safari (in-app)</td>
<td>10</td>
<td>0.16%</td>
<td>0:01:23</td>
<td>8.04%</td>
<td>12.03%</td>
</tr>
</tbody>
</table>
# General Users’ Browsers

Source: w3schools.com*

<table>
<thead>
<tr>
<th></th>
<th>Internet Explorer</th>
<th>Firefox</th>
<th>Chrome</th>
<th>Safari</th>
<th>Opera</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>16.2 %</td>
<td>32.8 %</td>
<td>43.7 %</td>
<td>4.0 %</td>
<td>2.2 %</td>
</tr>
</tbody>
</table>

*In an effort to receive a non-biased source, we chose this source, which the world’s largest site for web development education.*
Texas Groundwater Protection Committee

About TGPC  Meetings  Subcommittees  Publications

The Texas Groundwater Protection Committee (TGPC) strives to identify areas where new or existing groundwater programs could be enhanced, as well as improve coordination among agencies involved in groundwater activities. Its membership is made up of nine state agencies and the Texas Alliance of Groundwater Districts.

- Joint Groundwater Monitoring and Contamination Report - 2011
- Activities and Recommendations of the Texas Groundwater Protection Committee - Report to the 82nd Legislature
- Priority Groundwater Management Areas and Groundwater Conservation Districts, Report to the 82nd Legislature
- Landowner's Guide to Plugging Abandoned Water Wells (Revised March 2010)
- Carrizo-Wilcox Aquifer Study Website
- Groundwater Frequently Asked Questions (FAQs)

TGPC Member Organizations

Click on member organizations for information on their role in the TGPC.

- Texas Commission on Environmental Quality (Chair)
- Texas Water Development Board (Vice Chair)
- Railroad Commission of Texas

More than half the water used in Texas comes from groundwater
Website Questionnaire Feedback

- Recreate existing website
- Keep same website content
- Keep same navigation
- Ensure that site is editable using Dreamweaver
- Use water droplet image in background
New TGPC Website Mockup Concepts
New TGPC Website Mockup Concepts
New TGPC Website Mockup Concepts
New TGPC Website Mockup Concepts
Goals for Redesigning the TGPC Site

- Keep the integrity of the existing website content “as is” to make navigating the website user-friendly
- Design a new website with a fresh, new presence that is similar to the look and feel of modern websites
- Implement feedback from TGPC constituents. NOTE: Some website survey feedback has already been incorporated into the current site and will transition to the new redesign.
- Ensure that the TGPC webmaster understands how to manage and maintain ADA compliancy
- Continue to host via WGI’s stable and secure website hosting environment
- Add a search engine that will assist users in locating information more efficiently
- Develop a new online identity for the TGPC
Next Steps for Completing the Redesign

- Revise home page and inner page design concepts
- Finalize/freeze home page and inner page designs
- Populate the entire website (~53 web pages)
- Test all pages
- Send to SME for final review
- Make any necessary revisions
- Post to live URL
- Estimated completion 2-4 weeks
Any Additional Feedback or Questions?
Contact Kathy McCormack (TCEQ)
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