

Figure 8, MDNR Hazardous Waste Site Maps
(See attached)

Brian,

There are no BVCP sites in the vicinity of the proposed locations for St. John's Hospital or the Fountain Road Temporary Housing. There are five BVCP sites located within a quarter mile of the proposed school locations, but please note that none of these are located at the exact addresses you list below. A JPG is attached showing the locations of these five sites, plus a spreadsheet that lists basic information about these sites, including their locations, status within BVCP, and BVCP project manager. Certificates of Completion and Environmental Covenants for the two closed sites (P.G. Walker, Joplin, and Union City Redevelopment), are available for download from this link:

<http://www.dnr.mo.gov/asp/hwp/bvcp/list.asp> I don't have detailed information about the remaining sites, but I don't see anything indicating any of them have contamination that may be migrating off-site. The listed project managers can be contacted for more details. No dry cleaner sites are in the vicinity of any of the areas of interest.

In addition to the five BVCP sites, there are four Brownfield Assessment sites that fall within a quarter mile of the proposed school locations. These sites are not on the map because we have no GIS data for them. These sites are NOT enrolled in the BVCP, but the BVCP did provide Phase I and II Environmental Site Assessments at these locations for the City of Joplin. Their addresses are below:

- Joplin Transfer & Storage, 507 East 5th St. (adjacent to Joplin FMGP)
- Joplin Plumbing Center, 1042 S. Main
- Joplin Service Station and Tint Shop, 1022 S. Main
- Gryphon Building Detention Area, directly west of Interstate Grocery Bldg (1027 S. Main)

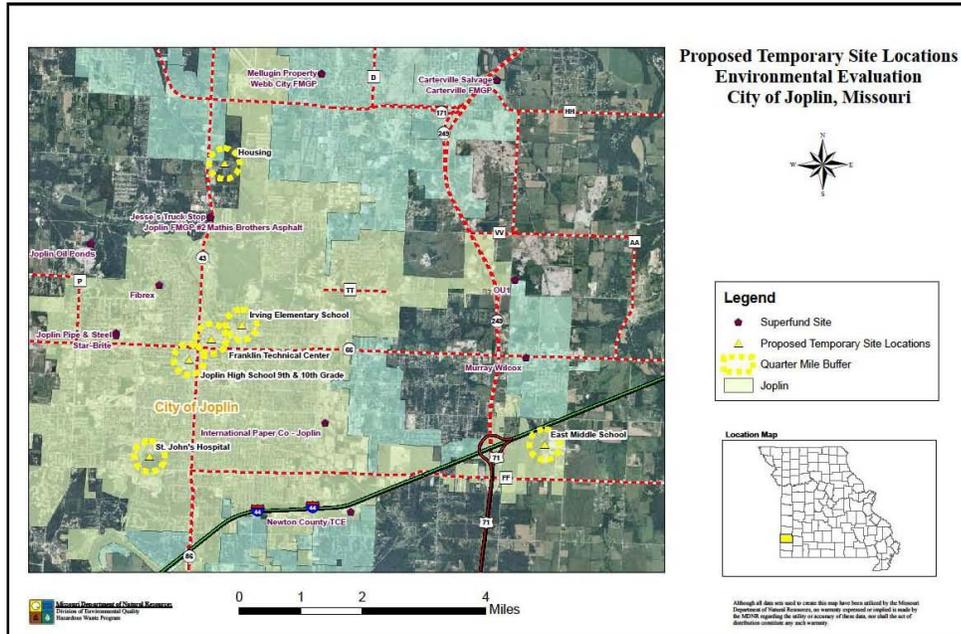
Only one of these four has shown significant contamination: the Gryphon Bldg detention area, which has widespread lead and petroleum contamination in soil. There is no confirmation at this time the the contamination is migrating off-site, but no additional site characterization has been done since the Phase II in November/December 2010. You may contact me directly with questions about the four Brownfields Assessment sites.

This was the best info I could pull together at such short notice, so please feel free to call me with any questions. Thanks!

Jennifer Surber
Environmental Specialist III
Brownfields/Voluntary Cleanup Program
P.O. Box 176, Jefferson City, MO 65102-0176
phone: (573) 526-0181 fax: (573) 526-4817
email: jennifer.surber@dnr.mo.gov <<mailto:jennifer.surber@dnr.mo.gov>>

Federal Facilities/Permitted Facilities/USTs/BVCPs: Vicinity of Critical Public Facilities

St Johns Hospital/Franklin Tech Ctr/Washington Ed Ctr/Memorail School/Cross Roads Ind. Park



From: Jackson, Shelly

Sent: Tuesday, June 21, 2011 8:22 AM

To: Allen, Brian

Cc: Warren, Julieann; Stinson, Dennis; Nussbaum, Rich; Garrett, Valerie

Subject: Joplin Tornado EIR-Superfund

There are no Superfund Sites within a quarter mile of the six proposed temporary locations in Joplin. A .pdf map is attached to show where the nearest Superfund sites are located.

Shelly

573-751-1288

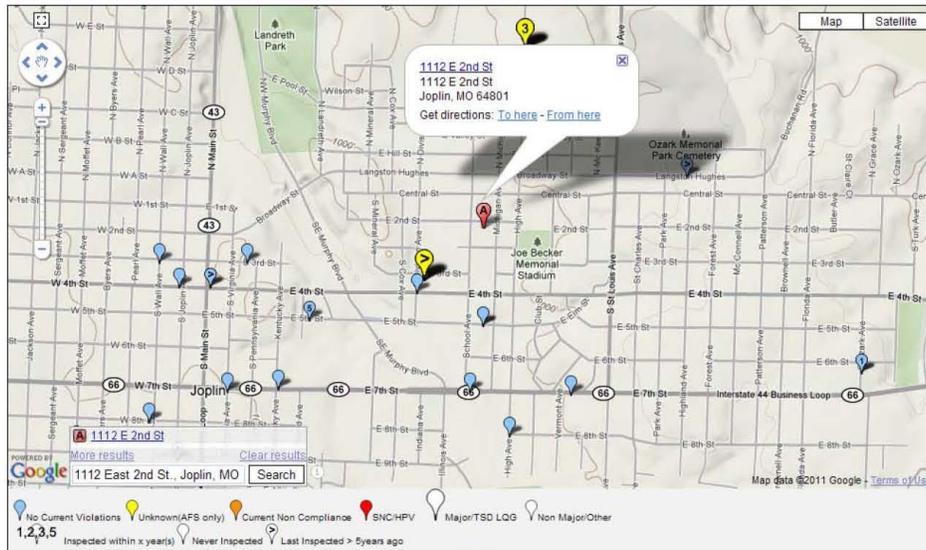
The Federal Facilities Section does not have any sites within a quarter mile radius of the six temporary facility locations in the Joplin area.

Shawn Muenks, P.E.

Missouri Department of Natural Resources P.O. Box 176, Jefferson City, MO 65102-0176

Ph: (573)751-3107

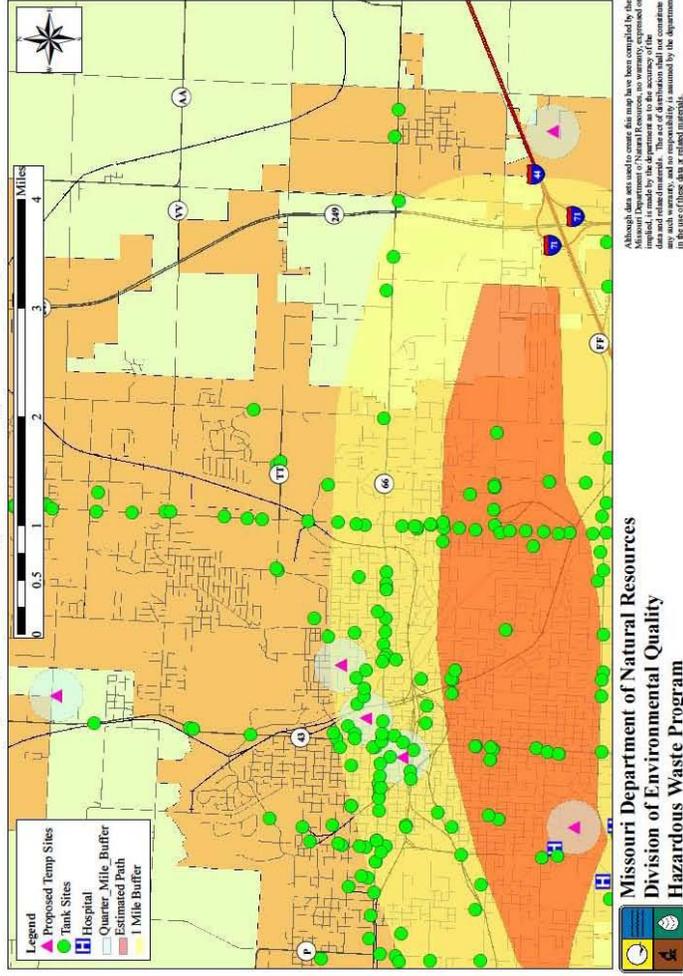
email: shawn.muenks@dnr.mo.gov



We don't have any former interim status or permitted hazardous waste or resource recovery facilities within 1/4 mile of the proposed locations. That said, I did go into EPA's ECHO database and pulled maps of regulated facilities (mainly hw generators) in close proximity to the proposed locations and identified a few of those for your consideration. I don't foresee that any of these would be problematic with respect to siting infrastructure but thought you should be aware just in case.

Richard A. Nussbaum, P.E.,R.G.
 Chief, Permits Section
 Hazardous Waste Program
 (573) 751-3553
rich.nussbaum@dnr.mo.gov

Joplin, Missouri Potentially Impacted Underground Storage Tank Sites (Tornado)



Attached are maps showing the registered tank sites located within 1/4 mile of the proposed sites. As you can see, there are no registered tank sites within 1/4 mile of the proposed hospital site, or the proposed housing site or the proposed East Middle School site.

I checked the records in our database for the sites that fell within the 1/4 mile radius of the other proposed locations. This is what I found:

Irving Elementary School -- There are 3 registered petroleum storage tank sites within 1/4 mile of the proposed Irving Elementary School site. (one of the sites didn't get plotted on the map, but is located at Jasper & 2nd & Division Avenue. right next to the proposed site) The tanks at all these sites have been removed and we have issued no further action letters for the sites. We have no information that would indicate there is contamination from any of these sites that would impact the proposed school at this location.

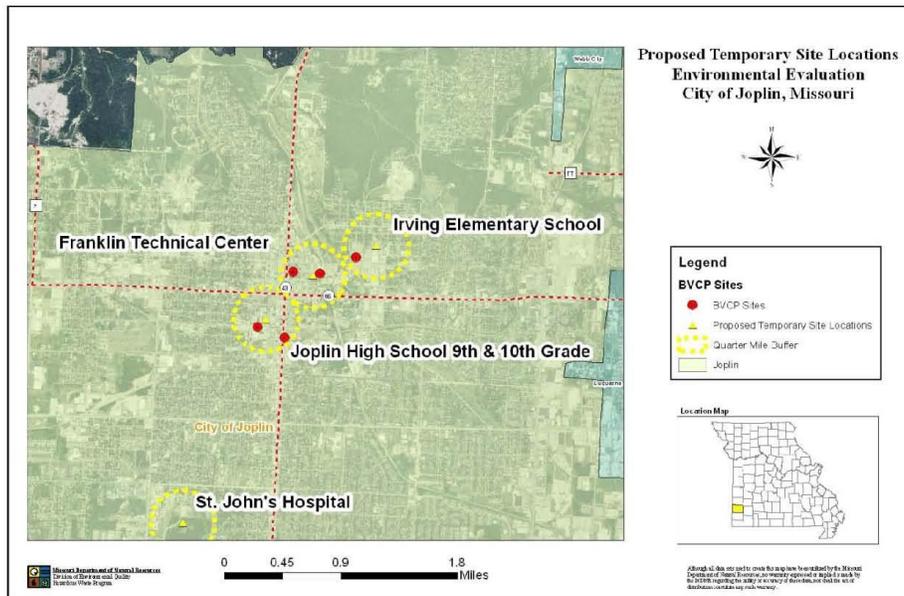
Franklin Technical Center -- There are 8 registered petroleum storage tank sites within 1/4 mile of the proposed Franklin Technical Center site. The tanks for all sites have either been removed or closed in place. No further action letters were issued for 5 of the sites (ST1884, ST1834, ST21040, ST1871, and ST2391). Two of the sites (ST20570 & ST1895) were closed before tank regulations were in place requiring closure reports to be submitted, so we have no reports for them and no data to show whether there was any release of petroleum products at those sites. The tanks at the last site (ST21530) were recently removed 2007 and we are still working with the consultant to complete the closure documentation so we can issue the no further action letter. We have no information to indicate there is any off-site contamination resulting from a release at this site that would pose any threat to the proposed relocation site. So, the only sites that might need further checking are ST20570 Larry Dickey Distribution @ 730 E. 5th Street, and ST1871 Continental Imports @ 402 E. 7th Street.

Joplin High School, 9th & 10th grades -- There are 8 registered UST sites within 1/4 mile of the proposed relocation for the Joplin High School 9th & 10th grades. Our data shows all of the tanks have been removed or closed in place. But only 3 of the sites (ST19880, ST11422, & ST8309) have no further action letters issued. The other 5 sites appear to have been closed prior to the UST regulations requiring closure reports. Therefore, we have no reports or data to show whether or not there was any release from the sites and further checking might be necessary on those. They are ST9871 Boyer Motor Co. @ 421 W. 7th Street; ST2637 Southwestern Bell @ 321 W. 8th Street; ST10643 Clark Service Station @ 929 S. Main; ST1836 Osborn Paper Co @ 1024 Beyers; and ST5625 Industrial Linens, Inc. @827 Virginia Ave.

Let me know if you need any thing else. Thanks.

Valerie Garrett
Hazardous Waste Program
Tanks Section
(573) 526-3385
(573) 526-8922

Brownfields/BVCP



Howard - please see below and attached docs for info related to Brownfields and/or voluntary cleanup sites. Looks like no concerns on proposed locations (proper) - but staff provided site info surrounding locations. I'd be glad to go over this with you as needed.

Brian Allen
Chief, Emergency Response/Field Services Environmental Services Program Missouri
Department of Natural Resources 573.526.3380 brian.allen@dnr.mo.gov

From: Surber, Jennifer
Sent: Tuesday, June 21, 2011 9:11 AM
To: Allen, Brian; Schmidt, Aaron; Nussbaum, Rich; Warren, Julieann; Muenks, Shawn; Garrett, Valerie; Vance, Steve; Hill, Michael; Schloss, Jeff
Cc: Seeger, Cheryl; Prewett, Jerry; Belcher, Jim; Bridges, Carey
Subject: RE: Street address locations for proposed locations for critical infrastructure