



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

4601 N Monroe Street • Spokane, Washington 99205-1295 • (509)329-3400

June 14, 2016

Ms. Cindy Kinzer, P.E.  
Senior Design Engineer  
City of Spokane  
808 West Spokane Falls Boulevard  
Spokane, WA 99201

Dear Ms. Kinzer:

On April 14, 2016, representatives from the City of Spokane met with representatives from the Washington State Department of Ecology (Ecology) Toxics Cleanup Program to discuss proposed work associated with the City of Spokane's Riverside Extension Phase 2. Work associated with the Riverside Extension Phase 2 will take place partially on the Hamilton Street Bridge site (Site), which is located at 111 North Erie Street on the southern bank of the Spokane River in Spokane, Washington.

The Site soils are impacted with semi-volatile organic compounds (SVOCs), polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), and inorganic compounds. In 2005 a remedial action was implemented at the Site, which consisted of the placement of a soil cap over the exposed contaminated soils and directing storm water away from known areas of contamination. In addition, the river embankment was stabilized so that erosion or flooding does not cut back into contaminated soil.

Discussions at the April 14, 2016 meeting focused on the existing remedy currently in place and the suitability of the proposed work with regard to the existing remedy. See the enclosed email (Cindy Kinzer, April 26, 2016) for a summary of discussions from the April 14, 2016 meeting.

The purpose of this letter is to approve the City of Spokane's proposal as it relates to the existing remedy and covenant at the Site. As proposed, Ecology believes the work associated with the Riverside Extension Phase 2 will maintain the integrity of the soil cap, will ensure storm water will not collect in known areas of contamination, and is in general agreement with the environmental covenant for the Site.



Please inform Ecology of any changes to the plans or if contaminated soils are encountered during construction.

If you have any questions, please contact me at (509) 329-3543.

Sincerely,

A handwritten signature in blue ink, appearing to read "Patrick Cabbage".

Patrick Cabbage, LHG  
Site Manager  
ERO Toxics Cleanup Program

pc:mr  
Enclosure  
By email

## Cabbage, Patrick (ECY)

---

**From:** Kinzer, Cindy <ckinzer@spokanecity.org>  
**Sent:** Tuesday, April 26, 2016 1:37 PM  
**To:** Cabbage, Patrick (ECY); Fees, William J. (ECY); Steve Burchett (sburchett@budingerinc.com); Shine, Rich  
**Subject:** Riverside Drive Phase 2A (2005264) Construction within the Hamilton Street Bridge Site - Meeting Summary

**Importance:** High

Patrick and William,

This is just follow up to our meeting on April 14, 2016 to discuss the Riverside Drive Phase 2A (a.k.a. Martin Luther King Jr. Way) roadway construction project. The MLK 2A project is scheduled to bid starting next week with construction anticipated during the summer/fall of 2016. A summary of the items discussed during our meeting is provided below. Please review and send any additions/corrections. If no comments are received by April 29<sup>th</sup>, it will be assumed that the summary is acceptable as presented.

Meeting Date: 4/14/16

Location: Ecology office on Monroe

Time: 1-2 pm

Project: Riverside Drive Phase 2A

Project Number: 2005264

Attendees: Patrick Cabbage (ECY), William Fees (ECY), Steve Burchett (Budinger), Rich Shine (COS), Cindy Kinzer (COS)

Items discussed:

- The MLK stormwater plans were developed in conformance with the Engineering Report for Riverside Extension Phase 2, dated April 20, 2015 as sealed by Stephen Burchett, P.E. and Cindy Kinzer, P.E. The storm basin delineations, stormwater facility location, type and sizes remain unchanged from the preliminary design presented within the report. The 95% design plans were reviewed during the meeting to provide an overview of the stormwater facilities and general construction proposed within the Hamilton Street Bridge site boundaries.
- The Plans and project specifications address worker safety and handling of material excavated from the "contamination zones" within the Hamilton Street Bridge site. The Contractor is required to provide a Health and Safety Plan (HASP) to address worker and public safety. The HASP will be forwarded to Ecology and to Budinger for review and acceptance prior to the start of construction.
- The existing contaminated soils are encapsulated with 2 feet of fill. Any excavation that reaches the contaminated fill zones will receive special care and handling. The Contractor is required to submit a Contaminated Fill Encapsulation Plan that established how the excavated material will be handled and where it can be placed. The excavated soils will remain on the Hamilton Street Bridge site for re-encapsulation at the pre-approved location. The City intends to have these soils placed within existing delineated contamination zones for encapsulation beneath the MLK Way pavement. Re-encapsulated soil locations will be surveyed and the data provided to Ecology.
- Utility trenches (water, storm, and communications conduits) within the Hamilton Street Bridge site will be over-excavated and backfilled with clean fill material. This will ensure that future utility repairs and/or replacement will occur within clean soils.
- A stormwater pollution prevention plan will be in place for this project. Erosion and sediment control devices and BMP's will be in place to address excavation/re-encapsulation activities within the contaminated soil zones.
- Construction will occur in the late summer/early fall, making excavation into the groundwater unlikely. Should groundwater be encountered within the contaminated soil zones (near Erie/MLK), the groundwater will require special care and handling. It may be pumped into the City's sanitary sewer system or perhaps allowed to re-infiltrate into another excavation within the delineated contamination zone. The City will notify Ecology should this occur, but wanted a plan in place to reduce the likelihood of construction delays.
- The City will forward Ecology a set of final construction plans (pdf) when they become available.

- The City will send Ecology an invite to the pre-construction meeting and notify them when construction is scheduled to start.
- The project specifications provide the Contractor with Landau's contact number to coordinate well monitoring schedules.
- Two of the monitoring wells need to be adjusted with this project. The standard monitoring well detail sheets and covers will be part of the Contract bid documents. A copy of the specifications and details were presented at the meeting and found acceptable.
- Ecology will send the City a letter accepting the design presented.

It was great to finally meet the both of you. Please don't hesitate to give me a call if you have any questions or concerns as the project moves forward.



**Cindy Kinzer, P.E.** | City of Spokane | Senior Design Engineer  
509.625-6397 | fax 509.625.6349 | [ckinzer@spokanecity.org](mailto:ckinzer@spokanecity.org) | [spokanecity.org](http://spokanecity.org)

