

Responsiveness Summary – Crownhill Elementary

Crownhill Elementary School - 1500 Rocky Point RD NW, Bremerton, WA 98312-2652 Kitsap
FSID No. 99722456

Responsiveness Summary for Comment Period Held September 26, 2014 – October 27, 2014.

Documents Reviewed during Public Comment Period:

- Draft Remedial Investigation (RI)
- Draft Feasibility Study (FS)
- Draft Cleanup Action Plan (dCAP)
- Draft Agreed Order
- Draft Environmental Covenants for Crownhill Elementary and Bremerton United Methodist Church

The Ecology Fact Sheet announcing the comment period and summarizing work performed at the Site was mailed to residents the week of September 15, 2014.

Comments were received from three individuals. They are described below along with Ecology action/response.

Email from Athena Christopher, received on September 22, 2014.

Mrs. Christopher was concerned that the school where her children attended was situated on top of a landfill.

Ecology Response: Ecology notified Patty Glaser (Bremerton School District). See Email from Patty Glaser (attached).

Telephone call from Sterling Mack on September 30, 2014.

Mr. Mack moved into his house in December 2013. He was concerned because his house is adjacent to the school property along the north border and the house is on a well for drinking water.

Ecology Response: Ecology contacted Grant Holdcroft of Kitsap Public Health District (KPHD) to investigate and sample the well. The drinking water well was not in Ecology well database or KPHD database. Water samples were taken from the residence of Sterling Mack. Results indicate that the water at the tap is below EPA MCLs. Analytical results and KPHD letter is attached.

Letter from Grand Holdcroft, Kitsap Public Health Department dated October 30, 2014.

Main concerns focused on irrigating the grass. KPHD does not recommend use of an irrigating system over a landfill. KPHD also recommends that drinking water wells near the school be included in the ground water monitoring plan.

Ecology response: Ecology understands the concern KPHD has with irrigation above a landfill and the potential for the irrigation water to mobilize contaminants to the ground water. Maintaining the integrity of the grass and cover above the landfill is important to the cleanup remedy and ensure there is not a potential for direct exposure to contaminants that remain in the landfill. Therefore, Ecology recommends minimal irrigation to maintain the integrity of the grass and the cover over the landfill.

Ecology encourages households that use well water as drinking water near the site to connect to the municipal drinking water system. Until that is done, the two drinking water wells that you identified, that were not in the Ecology or KPHD well database and are near the Site, will be incorporated into the Ground water Monitoring Plan.

Attachments:

1. Email from Patty Glaser, September 24, 2014.
2. Letter from Grant Holdcroft, KPHD to Sterling Mack, Daniel Heistand, and Ron Bachman, October 22, 2014.
3. Letter from Grant Holdcroft, KPHD, October 30, 2014.

Goldstein, Libby (ECY)

From: Patty Glaser [patty.glaser@bremertonschools.org]
Sent: Wednesday, September 24, 2014 12:27 PM
To: Lui, Nancy (ECY)
Cc: Goldstein, Libby (ECY)
Subject: RE: Athena Christopher crownhill parent

The principal talked with the parent today and everything is fine. She understands the situation and after talking with several people, she realized this is not new information but she has been very busy with a 2-year old.

Thanks for letting me know.

Patty Glaser, Coordinator
Community Relations/Public Information Officer
Bremerton School District
360-473-1003

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-----Original Message-----

From: Lui, Nancy (ECY) [<mailto:nlui461@ECY.WA.GOV>]
Sent: Monday, September 22, 2014 9:06 AM
To: Patty Glaser
Subject: FW: Athena Christopher crownhill parent

-----Original Message-----

From: Athena Christopher [<mailto:athena.christopher@yahoo.com>]
Sent: Saturday, September 20, 2014 7:48 PM
To: Goldstein, Libby (ECY)
Subject: Athena Christopher crownhill parent

Mrs Goldstein,
To my understanding of the situation, crownhill elementary is located directly over a sight that was previously used as a waste sight for hazardous materials? This is unacceptable. As a parent with children that attend crownhill I am appalled. If I was aware that the school sat atop a industrial waste sight I would never in my life have allowed my children to attend. I for one propose the school be moved to a safe sight. This is outrageous. Even with attempts to clean the sight the safety of our children can not be ensured. Why has the city not considered moving the school? The cost to rebuild would be minor in comparison to the health of our future generation.

Respectfully,
Mrs Christopher

October 22, 2014

Sterling Mack
1724 Dora Ave. NW
Bremerton, WA 98312

Ron Bachman
1728 Dora Ave. NW
Bremerton, WA 98312

Daniel R. Heistand
1727 Bertha Ave. NW
Bremerton, WA 98312

RE: SAMPLE RESULTS FROM MCKINNEY WELL

Dear Mr. Mack, Mr. Heistand, and Mr. Bachman:

The Kitsap Public Health District is writing to advise you of the sample results for the McKinney well, which provides drinking water to 1724 and 1728 Dora Ave in Bremerton, Washington.

On October 6, 2014, the Health District sampled the well that supplies drinking water to 1724 and 1728 Dora Ave. On October 17, 2014, the Health District received the analytical results of that sampling.

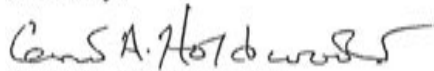
The full results are attached. The summary is that several substances were found above the reporting limit of the method. 1,1,1 Trichloroethane was found at 0.20 micrograms per liter ($\mu\text{g}/\text{l}$). The Maximum Contaminant Level (MCL) for 1,1,1 Trichloroethane is 200 $\mu\text{g}/\text{l}$. Arsenic, chromium, copper, lead and nickel were also detected in the sample, but were below the MCL. As such, this drinking water is considered safe to drink by the US Environmental Protection Agency (EPA). MCLs are standards set by EPA for drinking water quality.

Because of the proximity to the Crownhill Elementary landfill and contaminated site the Health District recommends that you consider seeking an alternative source of drinking water for connection to the residences at 1724 and 1728 Dora Ave. In the event the well is abandoned, the well is required to be decommissioned by a licensed well driller in accordance with Chapter 173-160 WAC.

McKinney Well
October 22, 2014
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Please call or email me if you have any questions or concerns. I can be reached at (360) 337-5605 or at grant.holdcroft@kitsappublichealth.org.

Sincerely,



Grant A. Holdcroft, R.S.
Environmental Health Specialist
Solid & Hazardous Waste Program

cc: Keith Grellner, KPHD
Jan Brower, KPHD
John Kiess, KPHD
Libby Goldstein, Ecology NWRO/TCP
Kathleen McKinney

October 30, 2014

Libby Goldstein
Toxics Cleanup Program
WS Department of Ecology
3190 160th Ave SE
Bellevue, WA 98008

RE: COMMENTS ON CROWNHILL ELEMENTARY SCHOOL SITE AGREED ORDER, RI/FS,
AND CAP

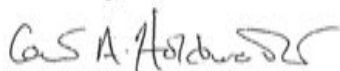
Dear Ms. Goldstein:

The Kitsap Public Health District (Health District) is writing to comment on the Crownhill Elementary School Site draft Agreed Order, Remedial Investigation/Feasibility Study (RI/FS), and Cleanup Action Plan (CAP). The Health District would like to thank you for the opportunity to comment.

- In 2012 the Health District changed its name from the Kitsap County Health District to the Kitsap Public Health District.
- The Health District does not recommend use of an irrigation system over a landfill or site with subsurface contamination that may be mobilized by additional surface water.
- The Health District recommends that the groundwater monitoring plan, yet to be developed, include any drinking water wells in the area.

If you have any questions or concerns regarding these comments please feel free to contact me via phone or email. My phone number is (360) 337-5605 and my email address is grant.holdcroft@kitsappublichealth.org.

Sincerely,



Grant A. Holdcroft, R.S.
Environmental Health Specialist
Solid & Hazardous Waste Program

cc: Ron Carpenter - Bremerton School District