| | |
|---|---|
| **From:** | Zavala, Angie |
| **To:** | Zavala, Angie |
| **Subject:** | agenda and summary and steps to file EUCA 12:34 |
| **Date:** | Tuesday, October 31, 2017 12:36:00 PM |
| **Attachments:** | EUCA Orofino Asbestos Site.pptx<br>Nov-1-2017 Agenda_SH.docx |

---

Meeting with First Baptist Church Executive Board and IDEQ Nov-1-2017

1. Greetings and introductions- Angie
2. Goal of this meeting - Angie
3. Background – Angie and Maren
4. Monitoring and Maintenance Plan - START
5. Field Inspection and Field Maintenance Forms and Site Features - START
6. UECA filing process – Angie/Moon?
7. EPA role - Moon
8. IDEQ role - Michael
9. EPA role after the EUCA is filed - Moon

**Goal: to walk out this meeting with a potential date to file the EUCA**

**During this** meeting we will:

a) Go over the background
b) Go over the EUCA Document and answer questions
c) Discuss the Monitoring and Maintenance Plan and go over the Field Inspection and Field Maintenance Forms and Site Features. After the meeting, conduct one last inspection for training purposes.
d) Explain the process to file the EUCA and answer any questions
e) Define/clarify? EPA and IDEQ's role in the filing process and after the EUCA is filed

**Background:**

**May 2010:** A concerned citizen contacted EPA to let us know about the contaminated soil that was placed at the Riverview Unit.

The assigned OSC conducted the corresponding investigation and discovered that fill material was placed not only at this property but also at many other properties.

"It is necessary to clarify that none of us was involved in this project back then and the information I am about to provide as the background, is from our public records."

From the beginning of the investigation until the construction of the repository here at the church was finished, Liverman the OSC coordinated with the following **Cooperating Agencies:**

IDEQ and regional (Health), county, and municipal agencies.

**By November 2010,** the asbestos-contaminated fill materials at 12 locations were

excavated and disposed of **off-site** in an approved landfill. The emergency removal action WAS NOT COMPLETED that year mainly for two reasons:

1. The Discovery of more and more properties that had received asbestos-contaminated material
2. The **winter weather conditions**, SO a few properties were left behind with a temporary cover.

At the First Baptist Church, EPA placed a temporary gravel cover on top of what was estimated to be about ~10,420 cy of contaminated fill placed by the RP.

In **October 2011**, OSC Liverman came back to finish the RA, but instead of transporting the contaminated soil from the other properties and the church to an off-site landfill, the material from other properties were consolidated here, at First Baptist Church (about 1,660 cy). The cost to haul and dispose of the contaminated material was prohibitive and the church wanted to keep the fill material to have a parking lot. The contaminated soil was consolidated behind the engineered retaining wall, underneath a soil (i.e., dry retention basin) and asphalt (i.e., parking lot) cap.

**In early 2012,** the heavy precipitation, including rain and snow, captured over the entire area **overwhelmed the dry retention pond** and added significant weight to the contaminated soil behind the retaining wall.

**From August 27 to October 5, 2012** – the retaining wall was taken down and reconstructed and the repository rebuilt with improved drainage features.

**In 2014**, EPA was notified about several issues related to the integrity of the repository cap.

**April 20 to May 4, 2015**: I conducted the REMOVAL ACTION - 4th AMA to address these issues present in the asphalt parking and vegetation area.

--constructed a ramp for access to the lower retaining wall

-- Installed gravel apron adjacent to asphalt parking lot

-- Repair low areas in asphalt parking lot

-- constructed a swale from asphalt to drywell

--Improved drainage

--added topsoil and seed

--Reduced drop at the edge of the asphalt

During the removal Pastor Hale told us about the small gap in the retention wall

We tasked surveyor Brad Cuddy, Cuddy and Associates, to install the monuments.

**From November 2016 to February 2017** we conducted the Repository Stability Assessment. <u>to assess the integrity of the repository to take actions accordingly</u>.

We put together the assessment team: Construction team, ERRS engineers, START

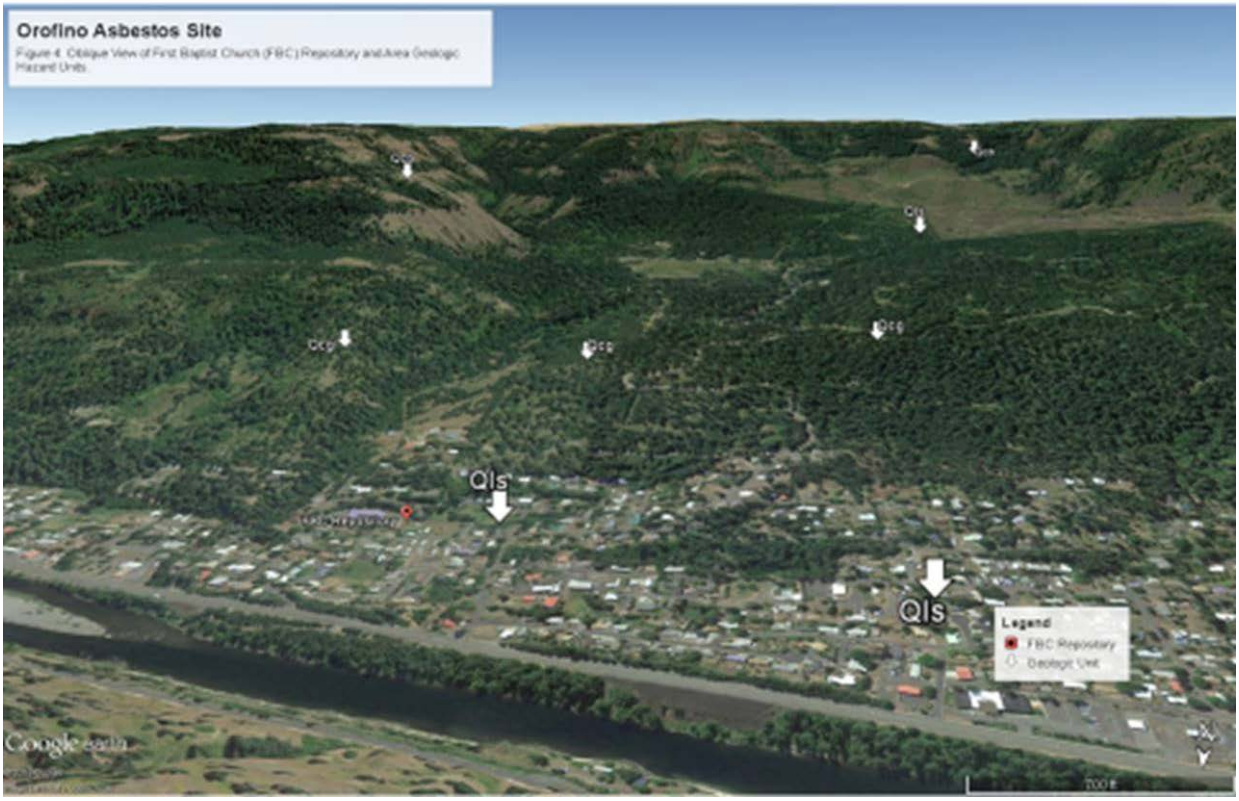
engineers, 3rd party engineers.

- Review Engineering Designs and Construction
- Site Inspection by JM Engineering and 3rd Party (ORD)
- Retaining Wall Monuments Survey
- Assessed the Stability of Underlying Geologic Formation by E&E and 3rd Party (ORD)

**RESULTS:**

- ***Design Review:***
  - 3rd party engineer agrees that the method used to develop the retaining wall design is a standard design method
- ***Site Inspection:***
  - Low maintenance retaining wall that, under normal conditions (O&M), should remain stable
  - Wall appears as constructed in 2012, with no visible movement
  - However, 3rd party engineer found water seepage through the wall. Future impact of seepage unknown without further study.
- ***Wall Monument Survey:***
  - Only nominal differences, well within tolerances

# Potential Landslide Hazards Areas




Landslides on other side of the river, to the north, are occurring in the present day.

**Potential Landslide Hazards**

<u>Prehistoric landslides</u> have occurred in the area

Site is located on a landslide deposit - Qls

Landslide deposits *can be* unstable

Human activities may contribute to potential future landslides

- Modifications like the repository
- Timber harvesting and associated road building occurred between 2009 and 2016 uphill of the site

Geologic units with potential for landslides occur uphill of the site:

- Qcg - Landslide potential – HIGH
- Qcb - Landslide potential – HIGH

***No information on <u>historical landslides</u> in the immediate area of the site was identified***

To conclude: The Orofino asbestos site is composed of two physical sites:

1. Riverview Construction; Which is the "The Riverview Construction Asbestos Unit" (RCAU) –In 2016, EPA conducted additional removal work to mitigate

potential exposure of the nearby population to asbestos from the site; the property owners filed a EUCA.

2. The First Baptist Church – EUCA?

Angie Zavala
Federal On-Scene Coordinator
Emergency Response Unit
U.S. EPA Region 10
1200 Sixth Avenue, Suite 900, ECL-113
Seattle, WA 98101
(206) 553-2101(Office)
(206) 304-8829 (Cell)
EPA Spill Line (206) 553-1263
To report a spill call the National Response Center at 800-424-8802