

HAFLEY Dan

From: Paul Ecker [paul@ees-environmental.com]
Sent: Tuesday, November 18, 2014 8:58 AM
To: HAFLEY Dan
Cc: Bill Avison; Brad Berggren; David F. Bartz, Jr. (dbartz@schwabe.com)
Subject: proposal summary (Floragon AB-25 delineation area)
Attachments: 1177-01_F11 crop.pdf; 1177-01_F12 crop.pdf

Dan, thanks very much for your time yesterday meeting with Brad and I to discuss our proposal for delineation sediment sampling and related work in Bear Creek near the Floragon AB-25 location.

The proposed sampling work would support development of an interim remedial action work plan for this localized area. We discussed a conceptual timeline that would involve DSL/COE joint permitting during the first half of 2015, followed by a removal action during seasonal low water (Q3-2015). We believe that some limited additional sampling and wetland delineation efforts are appropriate and necessary next steps to be conducted before the work plan and permitting process can advance. Reference maps (showing fish and mammalian dioxins TEQ values) are attached.

- Based on our discussion yesterday, we propose collecting a total of two composite samples, each within 25 feet upstream and downstream of AB-25. We also propose collecting an additional three composite samples at 100 foot intervals extending downstream from AB-25 to the next culvert location so that potential sediment removal volumes and restoration areas can be delineated as part of IRAM planning.
- To the extent possible based on site conditions, each of the five, three-point composite samples will be collected from a transect across the current creek-basin, with representative shallow sediments collected in the upper one-foot zone, and separately in the zone between one and two feet depth. For each transect, in other words, we plan to collect a single composite sample from the upper foot of sediments, and a second composite sample (if possible) from the deeper zone between one and two feet in depth.
- To aid in IRAM planning and in anticipation of the joint DSL-COE permit application requirements, we plan to obtain a topographic survey (including sampling locations) and conduct a wetland and waters determination within the potential removal area.
- Field work is scheduled for Wednesday-Thursday this week (11/19-20, 2014), subject to your approval and Floragon's access authorization.

Please let us know if this proposal is acceptable to DEQ, and if you are comfortable with our proceeding this week with sampling and survey tasks.













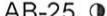

Thanks for your participation and input.
-Paul

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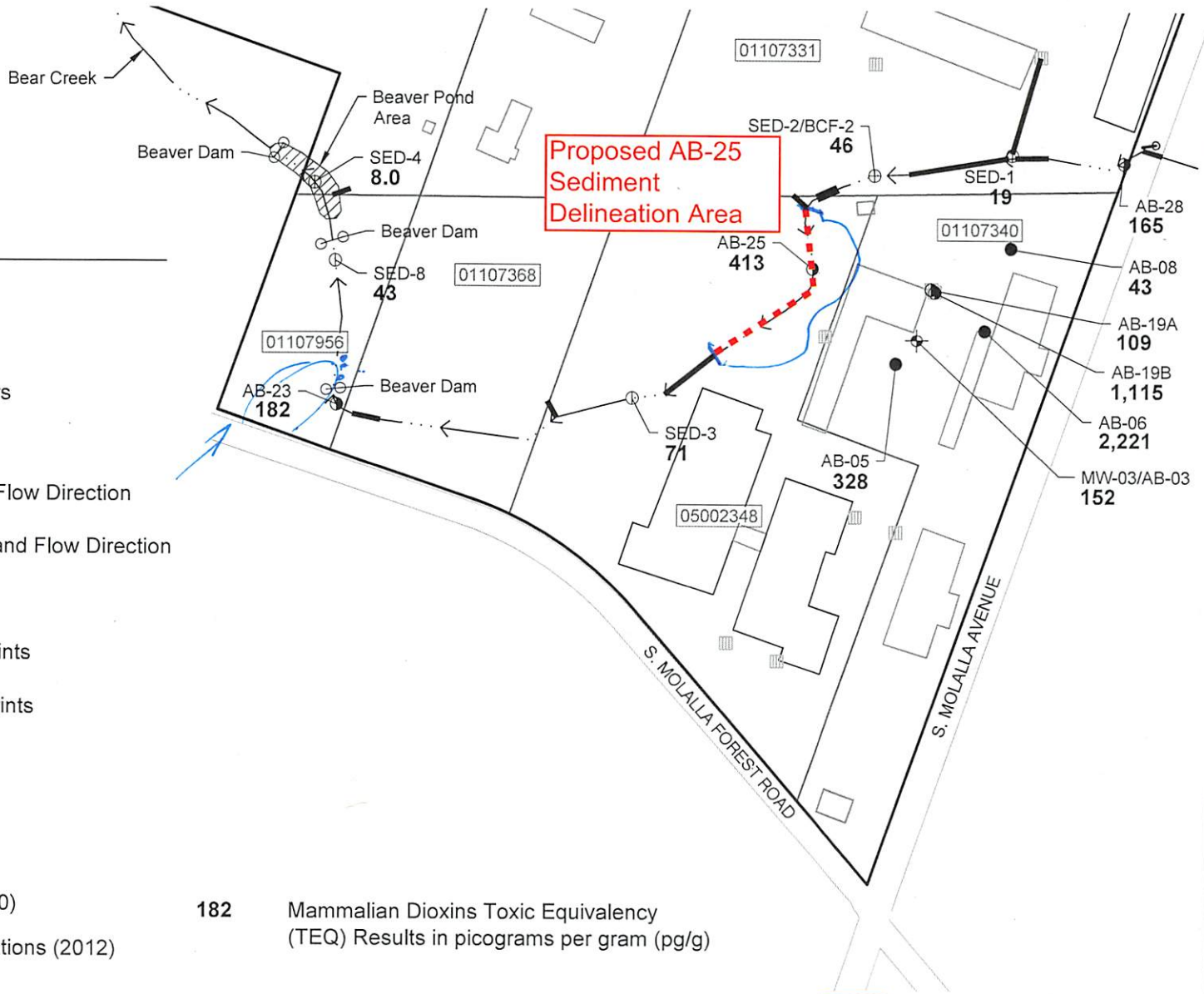
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Z:\PNG-AutoCAD\1177-01_Avision\2012\June 2012\11 M Data (new) 2.dwg, Sediment Samples

LEGEND

-  Property Boundary
-  Tax Lots
-  Tax Lot Parcel Numbers
-  Bear Creek
-  Surface Drainage and Flow Direction
-  Underground Pipeline and Flow Direction
-  Catch Basin
-  Former Building Footprints
-  Current Building Footprints
-  Culvert
-  Boring Location (2010)
-  Monitoring Well (2010)
-  AB-25 Sediment Sample (2010)
-  SED-1 Sediment Sample Locations (2012)



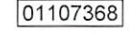





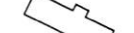




182 Mammalian Dioxins Toxic Equivalency (TEQ) Results in picograms per gram (pg/g)

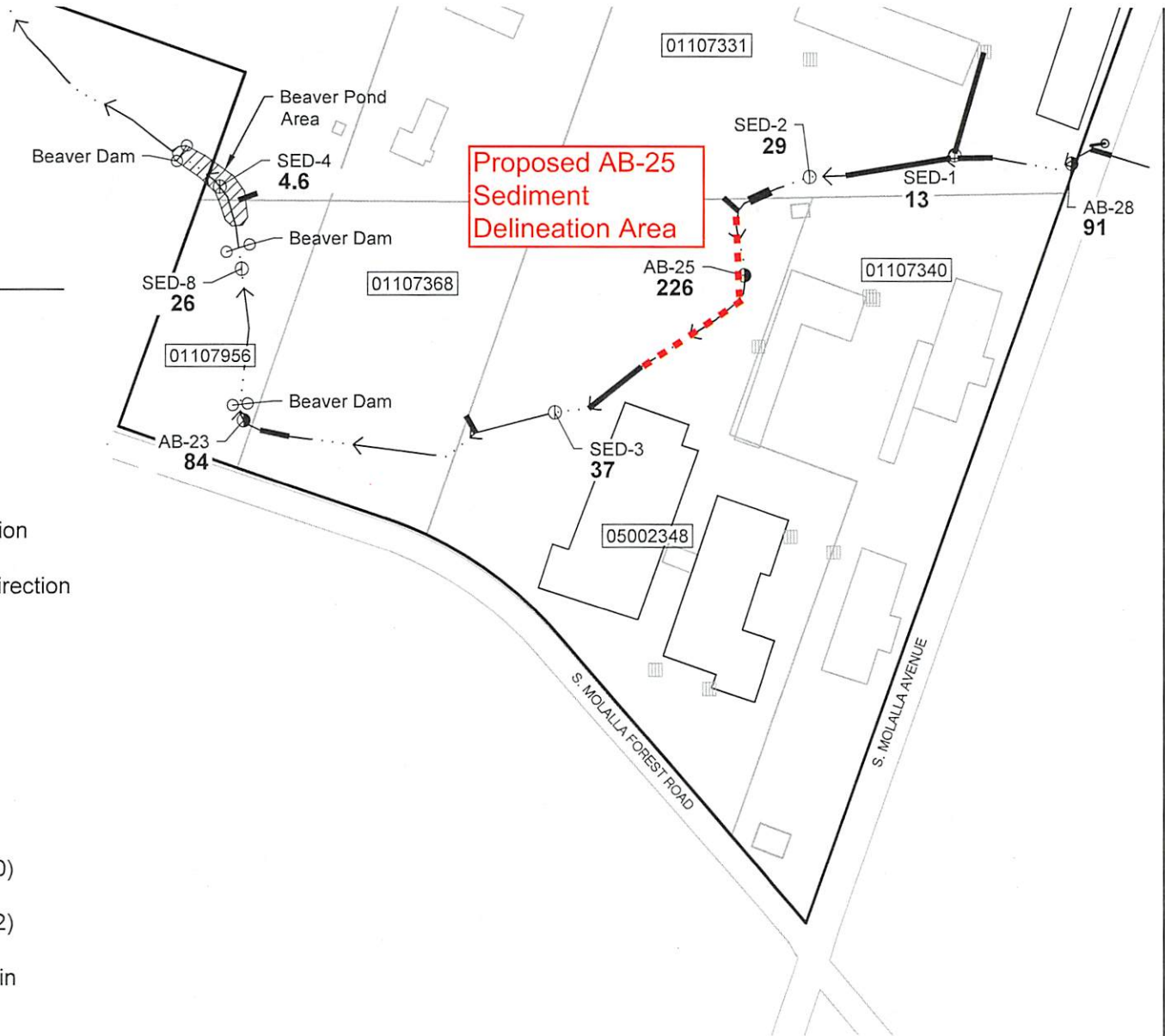


PNG ENVIRONMENTAL, INC.		DATE: 5-28-13	FLORAGON PROPERTY 7TH & HART STREET MOLALLA, OREGON	MAMMALIAN TEQ RESULTS FOR PCDD/Fs CREEK/DITCH/CATCH BASIN SEDIMENTS AND SOURCE AREA SOILS	Project No. 1177-01
6665 SW Hampton St., Ste. 101 Tigard, OR 97223	TEL (503) 620-2387 FAX (503) 620-2977	FILE NAME: 1177-01 DRAWN BY: JJT APPROVED BY: PE			Figure No. 11

Z:\PNG-AutoCAD\1177-01_Avison\2013\April 2013\1177-01_BM-Data.dwg, Sediment Samples

LEGEND

-  Property Boundary
-  Tax Lots
-  Tax Lot Parcel Numbers
-  Bear Creek
-  Surface Drainage and Flow Direction
-  Underground Pipeline and Flow Direction
-  Catch Basin
-  Former Building Footprints
-  Current Building Footprints
-  Culvert
-  Sediment Sample Locations (2010)
-  SED-1 Sediment Sample Locations (2012)
-  26 Fish Dioxins Equivalency Results in Picograms per Gram (pg/g)



<p>PNG ENVIRONMENTAL, INC. 6665 SW Hampton St., Ste. 101 Tigard, OR 97223 TEL (503) 620-2387 FAX (503) 620-2977</p>	<p>DATE: 5-28-13 FILE NAME: 1177-01 DRAWN BY: JJT APPROVED BY: PE</p>	<p>FLORAGON PROPERTY 7TH & HART STREET MOLALLA, OREGON</p>	<p>FISH TEQ RESULTS FOR PCDD/Fs CREEK AND DITCH SEDIMENTS</p>	<p>Project No. 1177-01</p>
				<p>Figure No. 12</p>