

June 29, 2015

Sunny Becker
Washington State Department of Ecology
PO Box 47600
Olympia, WA 98504-7600

SUBJECT: FOX AVENUE SITE BIOPOLISH PLAN FOR REMAINDER OF 2015
Fox Avenue Site
Seattle, Washington

Dear Sunny:

This letter presents our plan for additional biopolish injections based on the May 2015 groundwater data set (which I provided to you a few weeks ago). The total chlorinated volatile organic compound (CVOC) concentrations in each well for each water-bearing zone are shown visually on Figures 1 and 2 relative to the Remediation Level (RL) of 250 micrograms per liter ($\mu\text{g/L}$) total CVOCs. The third figure is Figure 1 marked up to show the areas where we plan to do the work elements listed below.

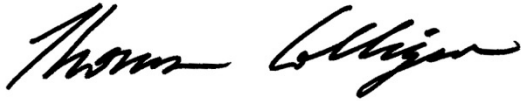
- 1) Inject sugar substrate beginning July 13 into the wells located on the S. Myrtle Street Cul-de-sac (R2-IW3, -IW4, and -IW5) based on the total CVOC concentration in a nearby monitoring well, B-65, that exceeded the RL and the concentration in adjacent well B64 being only slightly less than the RL. This will also help to treat CVOCs present at downgradient seeps S-2 and S-3.
- 2) Inject sugar substrate into well R1-IW15 near the Loading Dock, as this well had total CVOC concentrations greater than the RL in 2014. There were no other RL exceedances in point of compliance wells in the Loading Dock or NW Corner Area in 2014.
- 3) Slightly delay the next performance sampling event (scheduled for August 2015) 1 month to September 2015 to align with anticipated arrival of source area injected substrate that is beginning to show some secondary effects in downgradient wells. One additional round of sampling data will help us better understand the performance of the edible oil before we consider additional injections described below.
- 4) Based on results from September performance sampling, we may perform additional sugar substrate injections into wells along Fox Avenue S. that are located downgradient of the Whitehead property where 2015 data indicate exceedances of the RL. Injections would likely occur in wells R1-IW4A/B, R1-IW5, R1-IW-6, and R1-IW7.

Sunny Becker, Ecology
June 29, 2015

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Let us know if you have any questions. All work described above will be fully documented in the 2015 Annual Report.

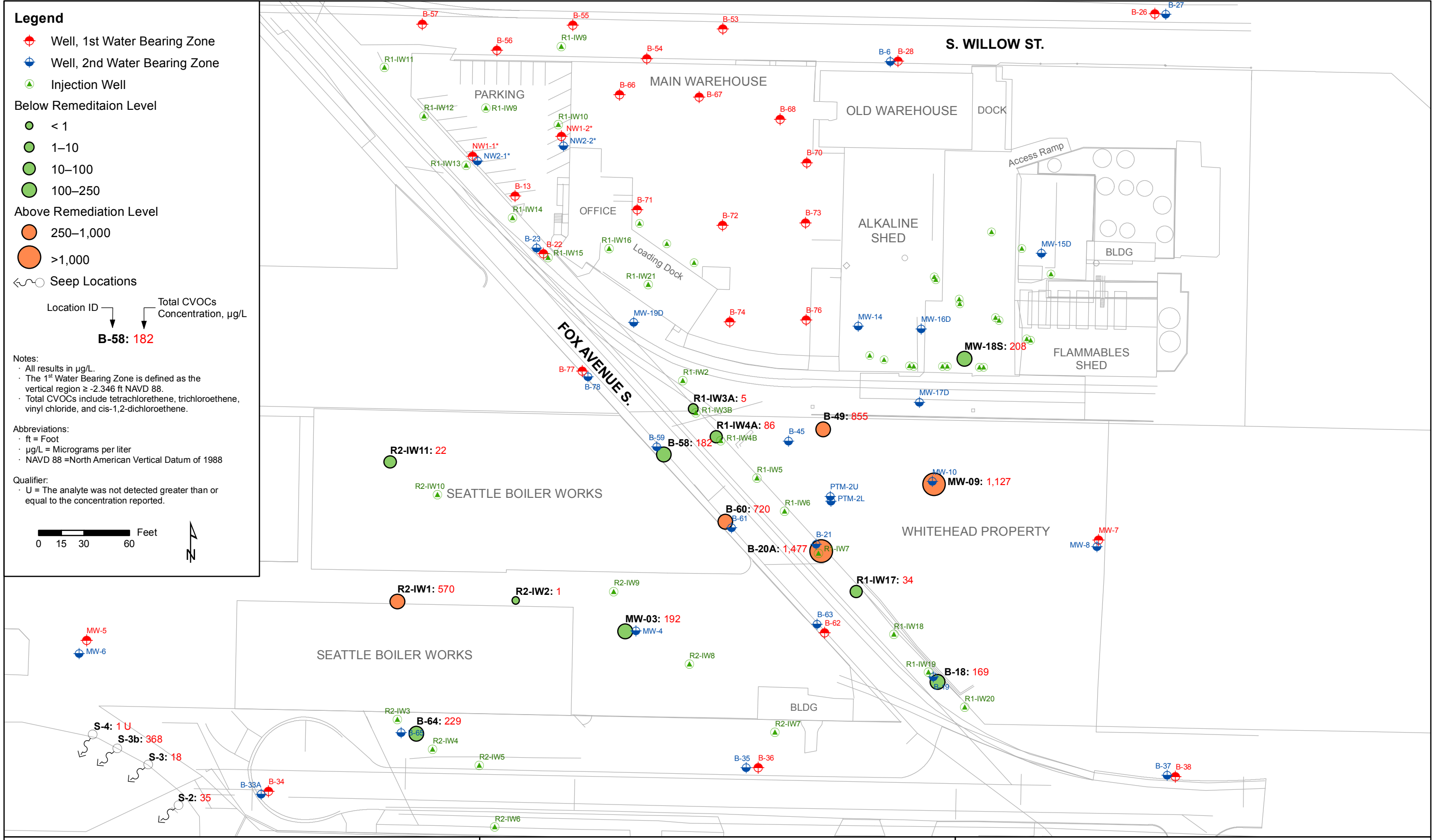
Sincerely yours,
FLOYD | SNIDER



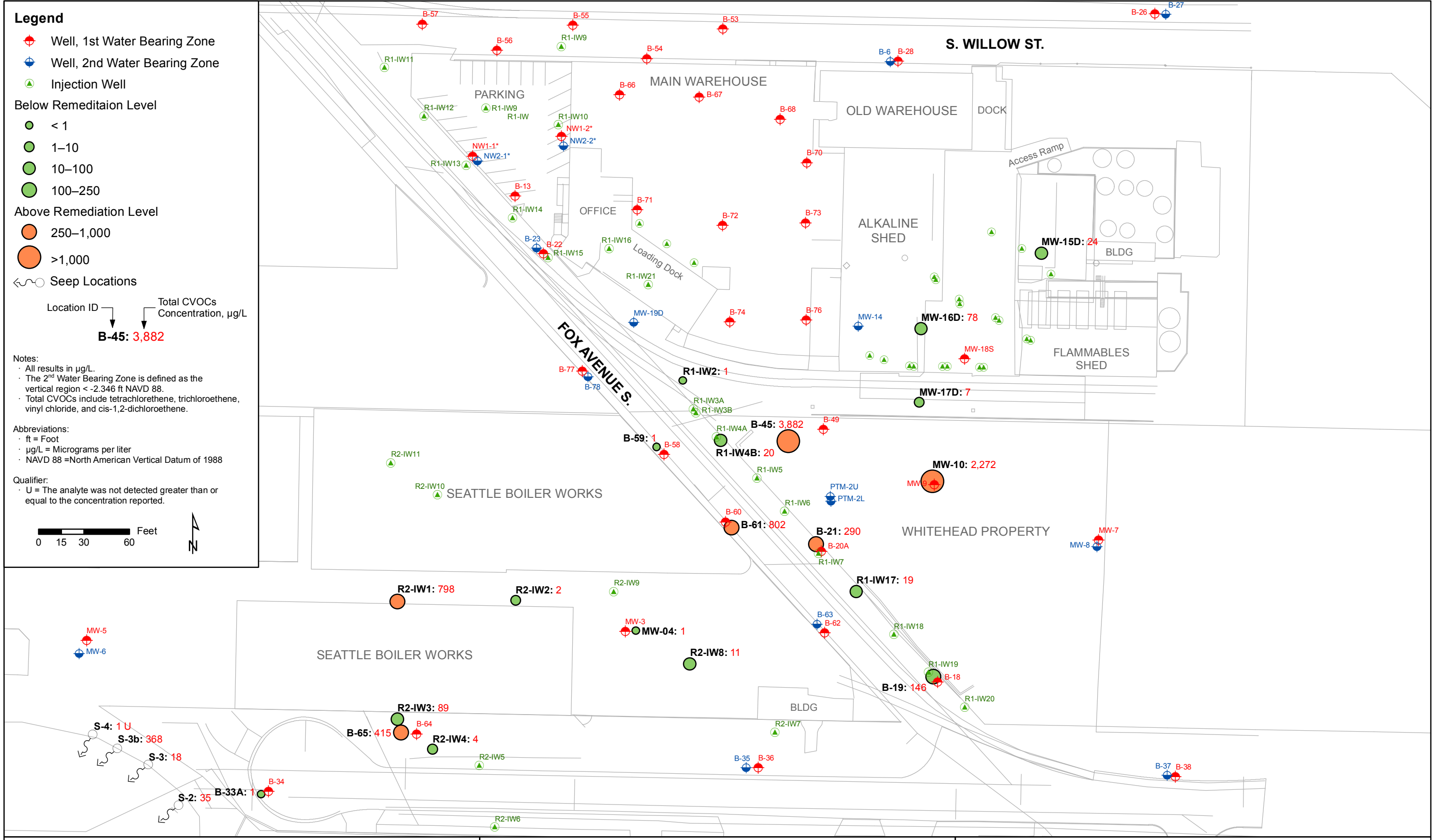
Tom Colligan, LHG
Associate Principal

Encl.: Figure 1 Total CVOCs – May 2015 Groundwater Results 1st WBZ
Figure 2 Total CVOCs – May 2015 Groundwater Results 2nd WBZ
Attachment 1 Figure 1 with mark-up
Copies: Glen Dodge, Cascade Columbia
Tom McKeon, Calibre Inc.
Clint Jacobs, Landau Associates

Figures



H:\GIS\Projects\FOXAVE-RAIMXD\Figure 1 Total CVOCs - May 2015 Groundwater Results 1st WBZ.mxd
6/24/2015



Attachment 1
Figure 1 with mark-up

