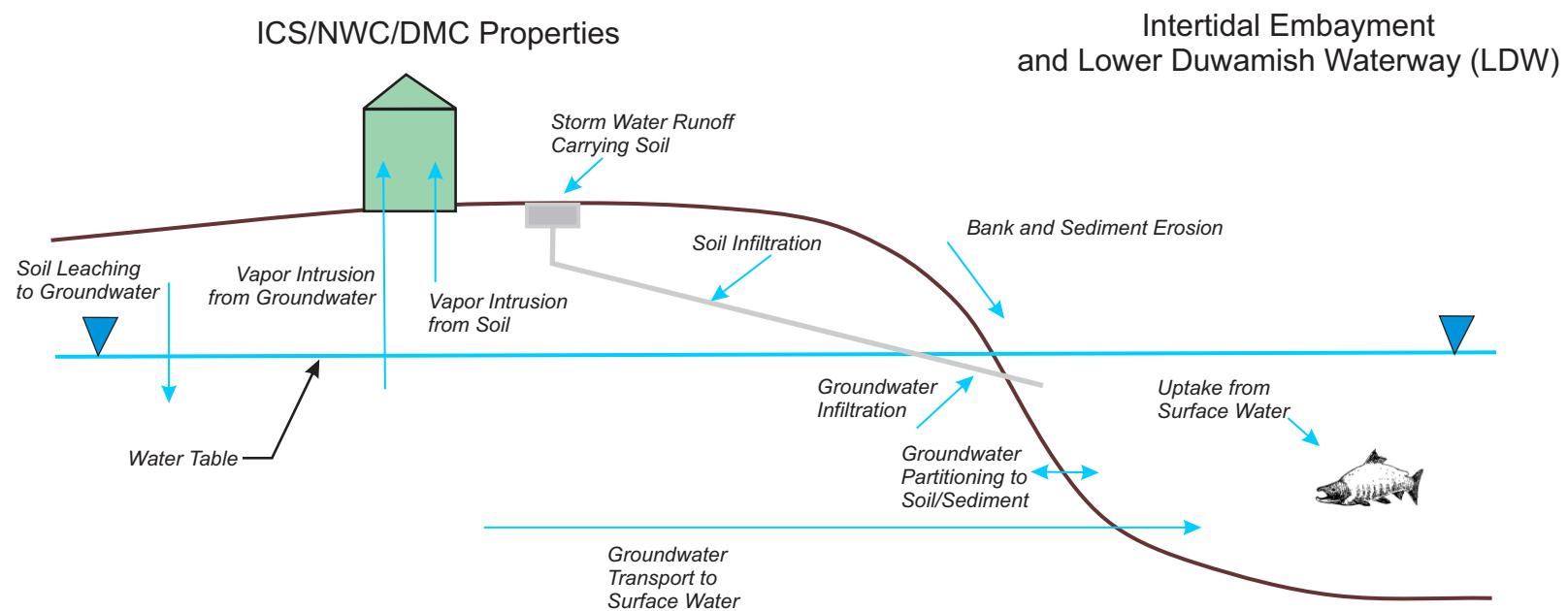
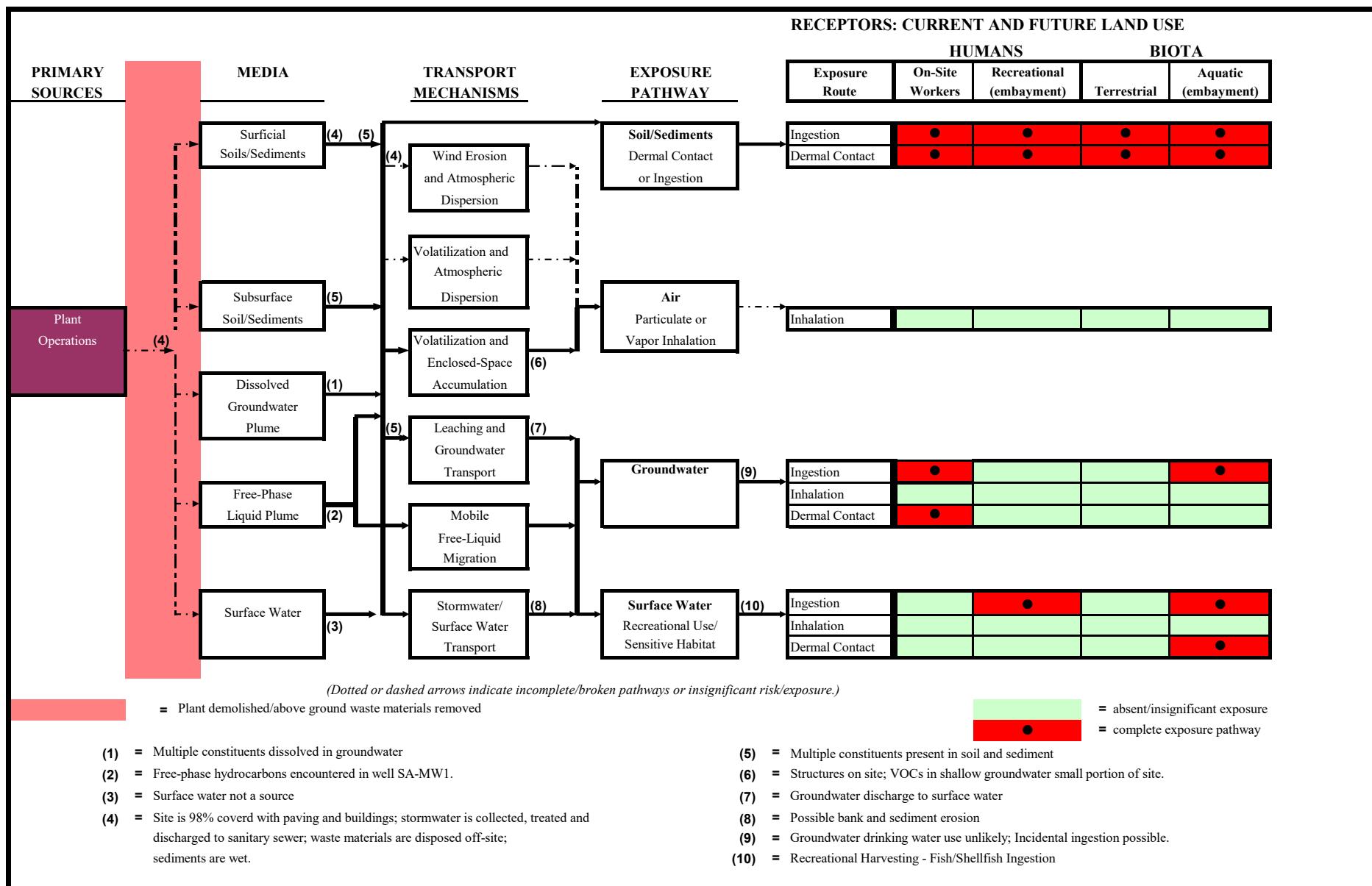
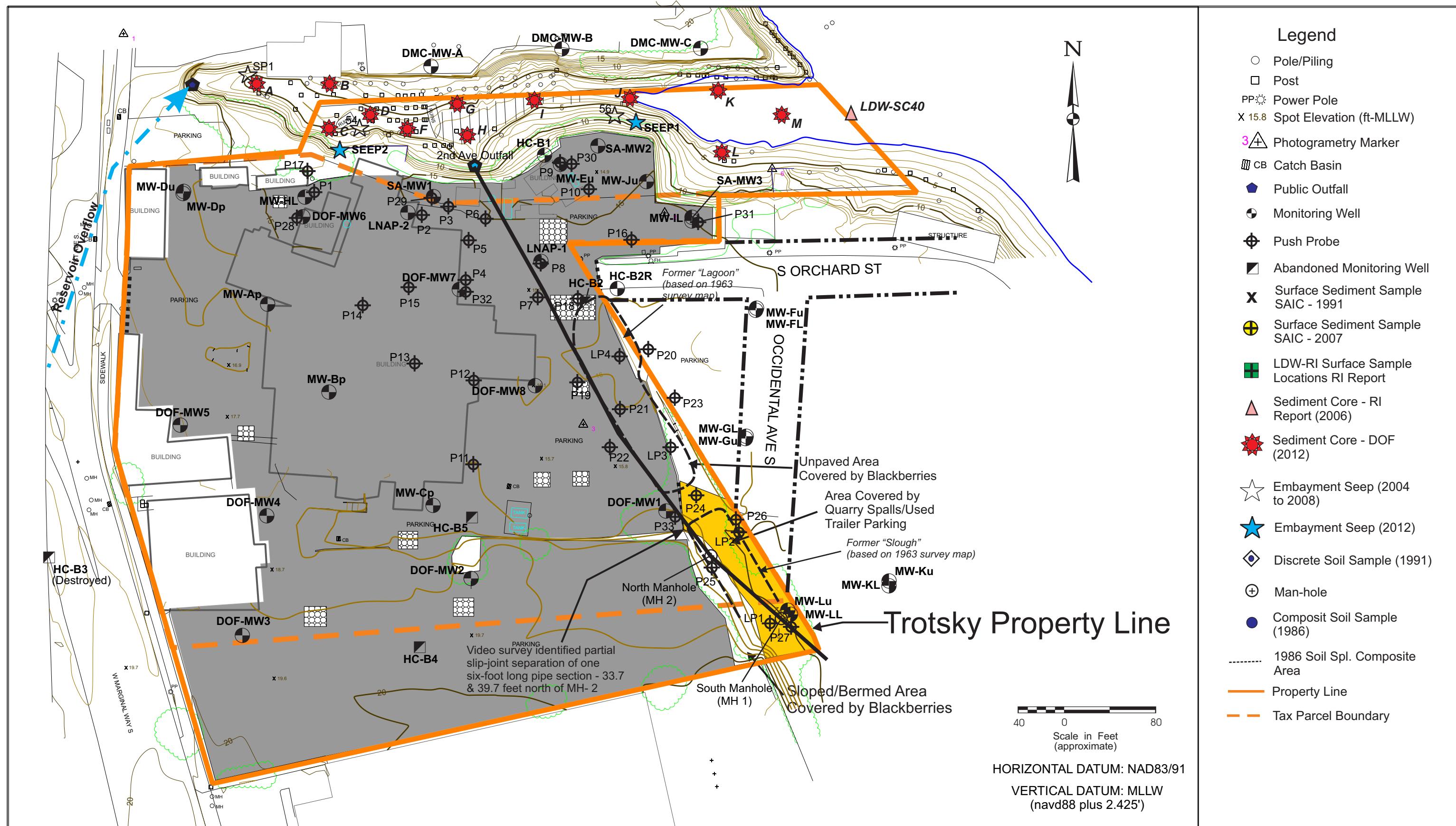


ICS/NW Cooperage Site	FIGURE 5-1
Possible Exposure/Receptor Pathways	
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ICS/NW Cooperage Site	FIGURE 5-2
Possible Transport Pathways	
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ICS/NW Cooperage Site

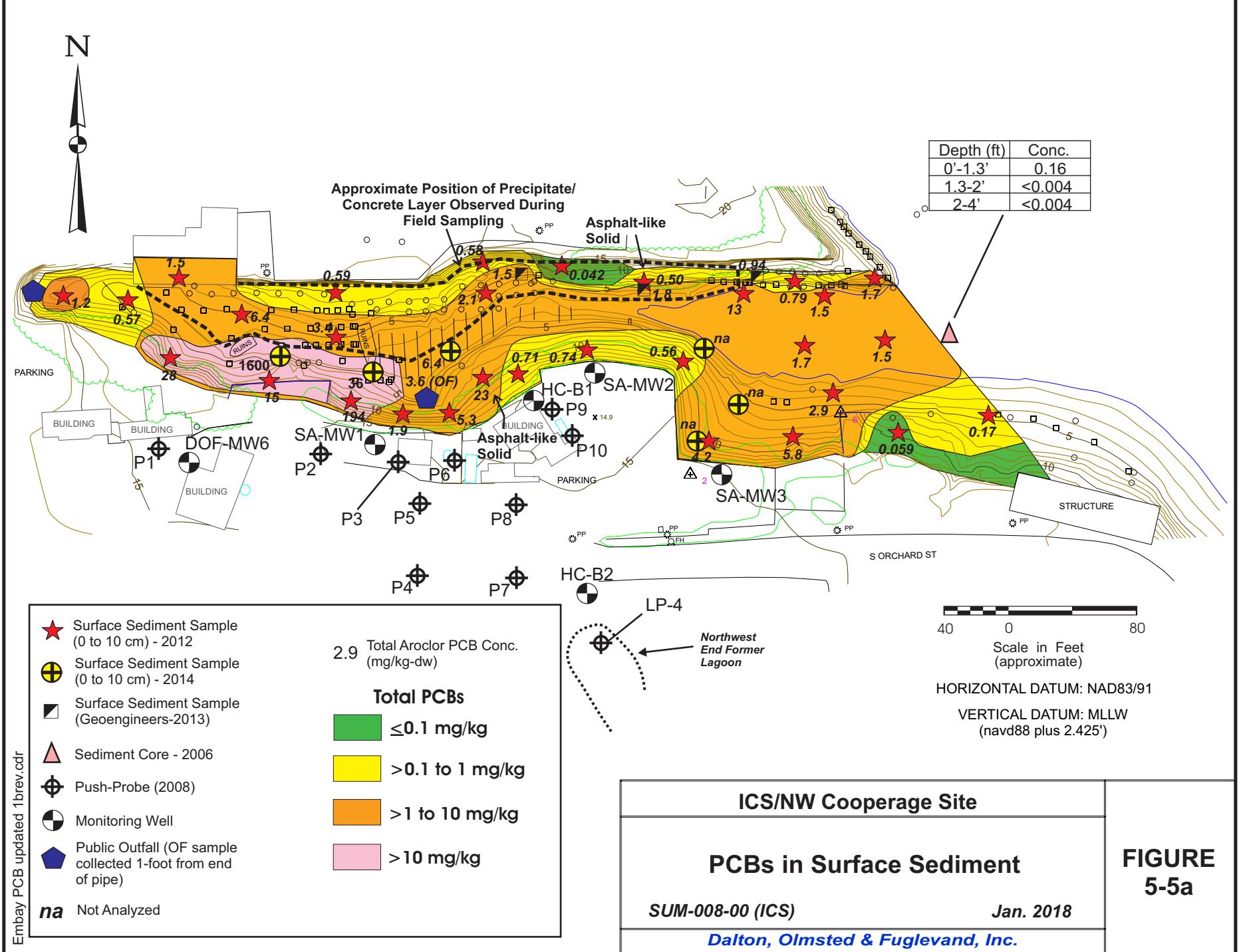
Sample Locations in Paved and Unpaved Areas

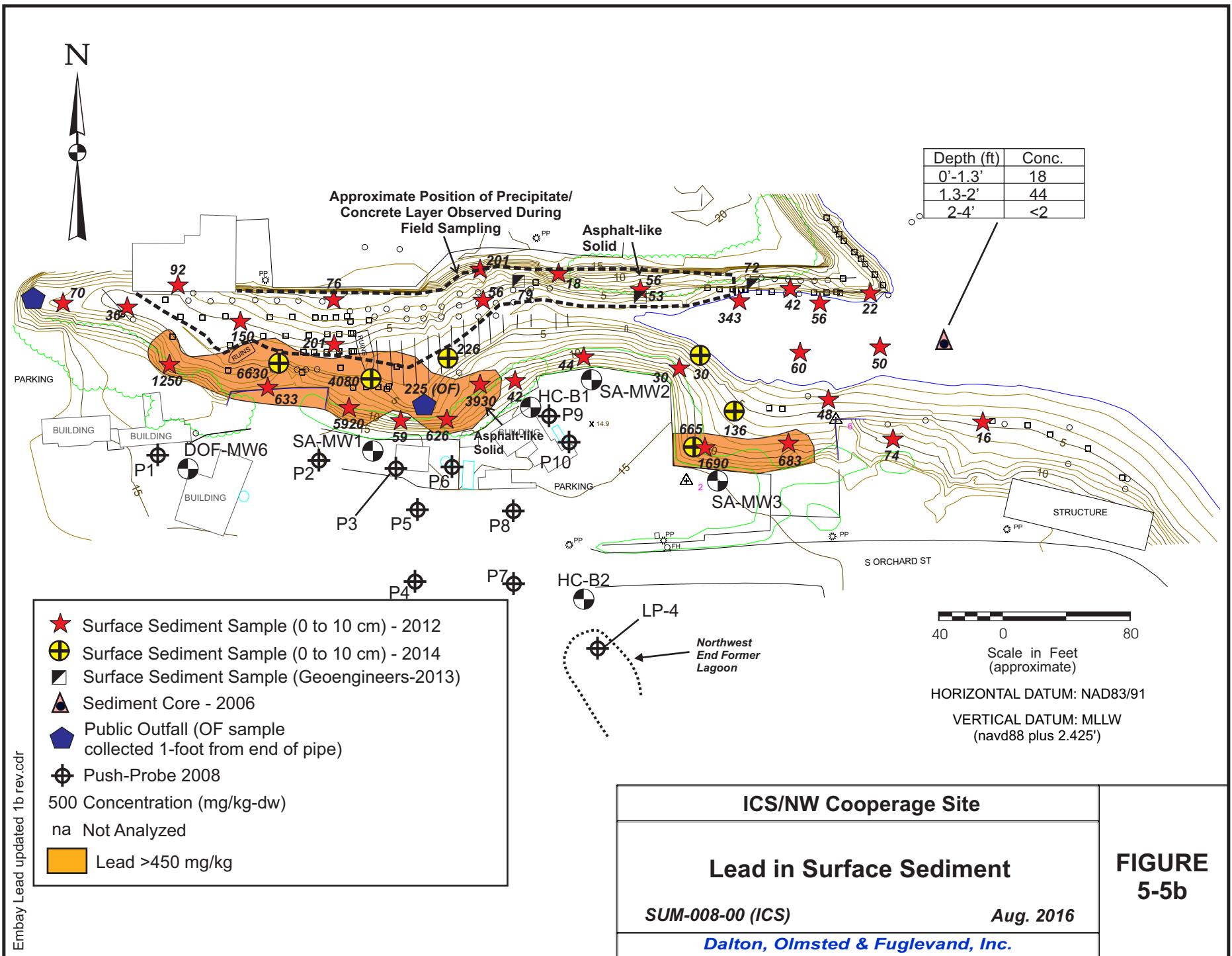
SUM-008-00 (ICS)

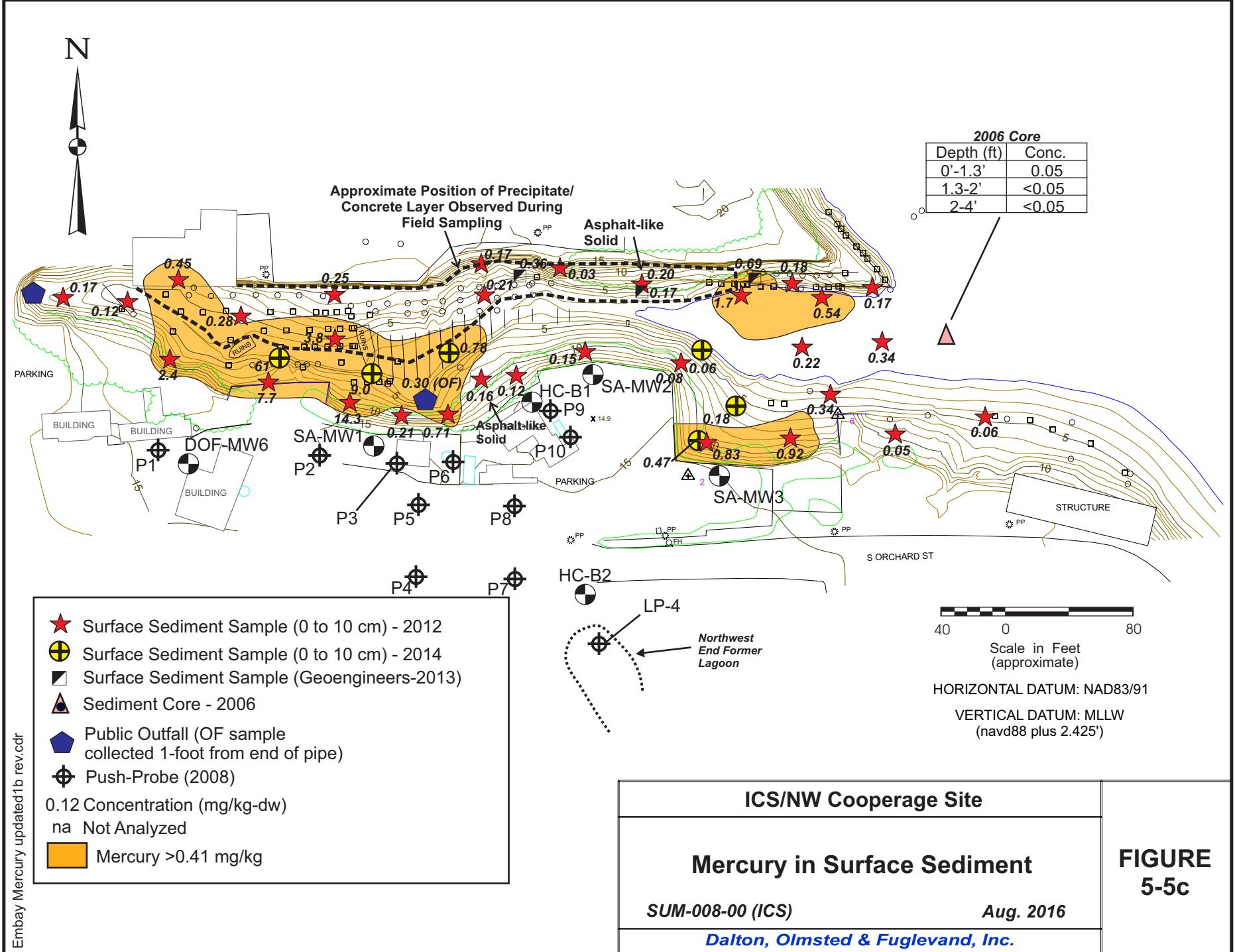
May 2018

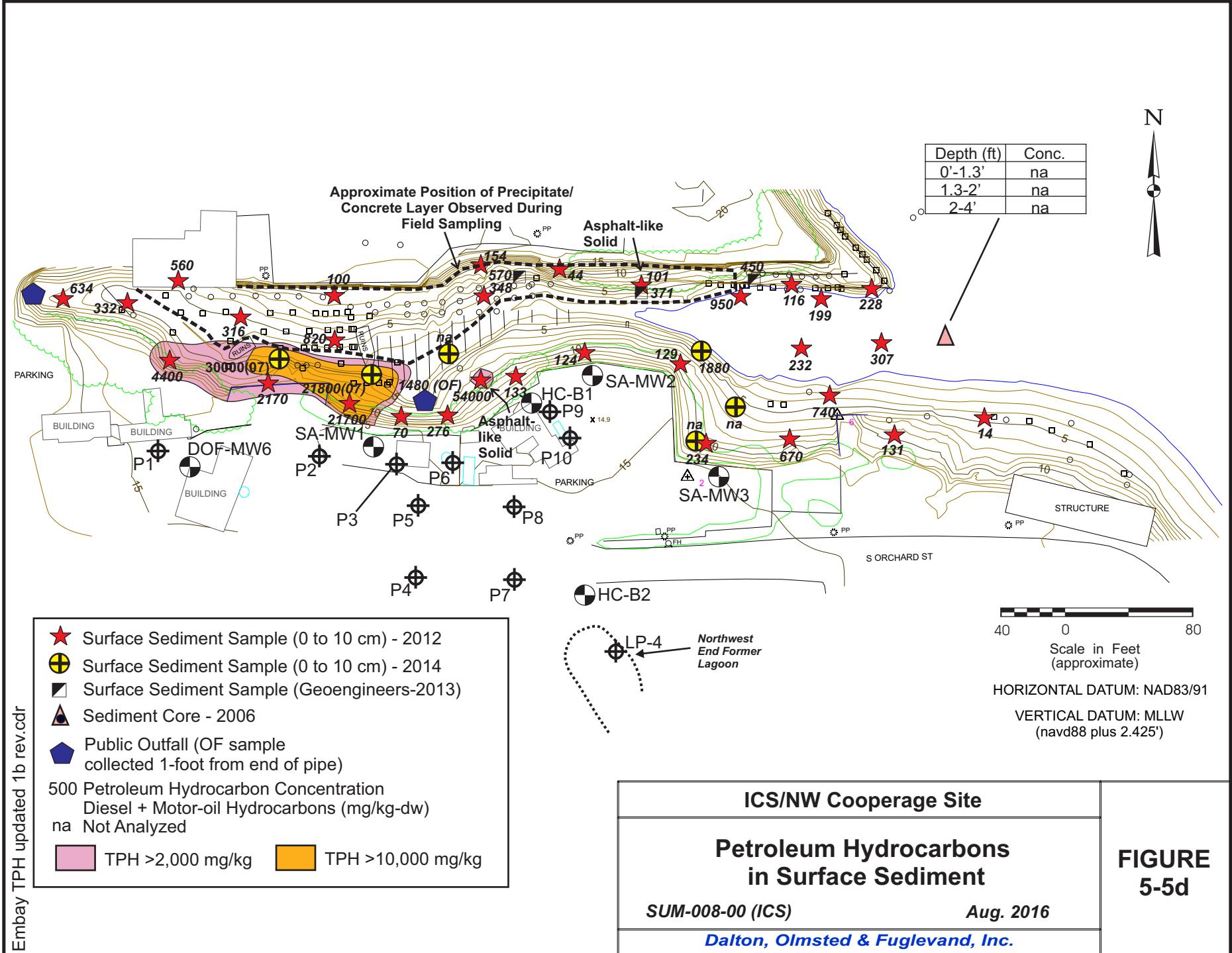
Dalton, Olmsted & Fuglevand, Inc.

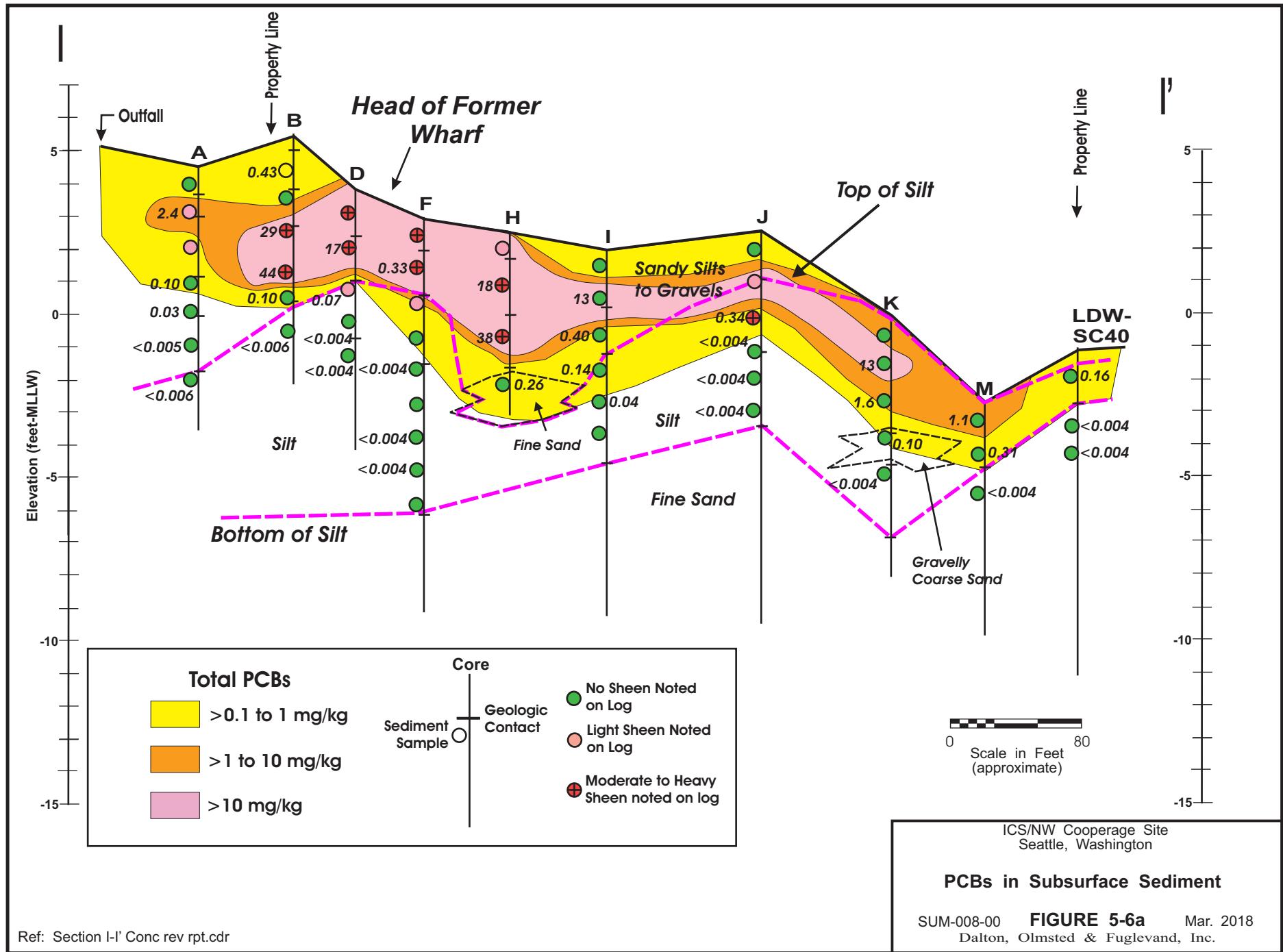
FIGURE
5-4

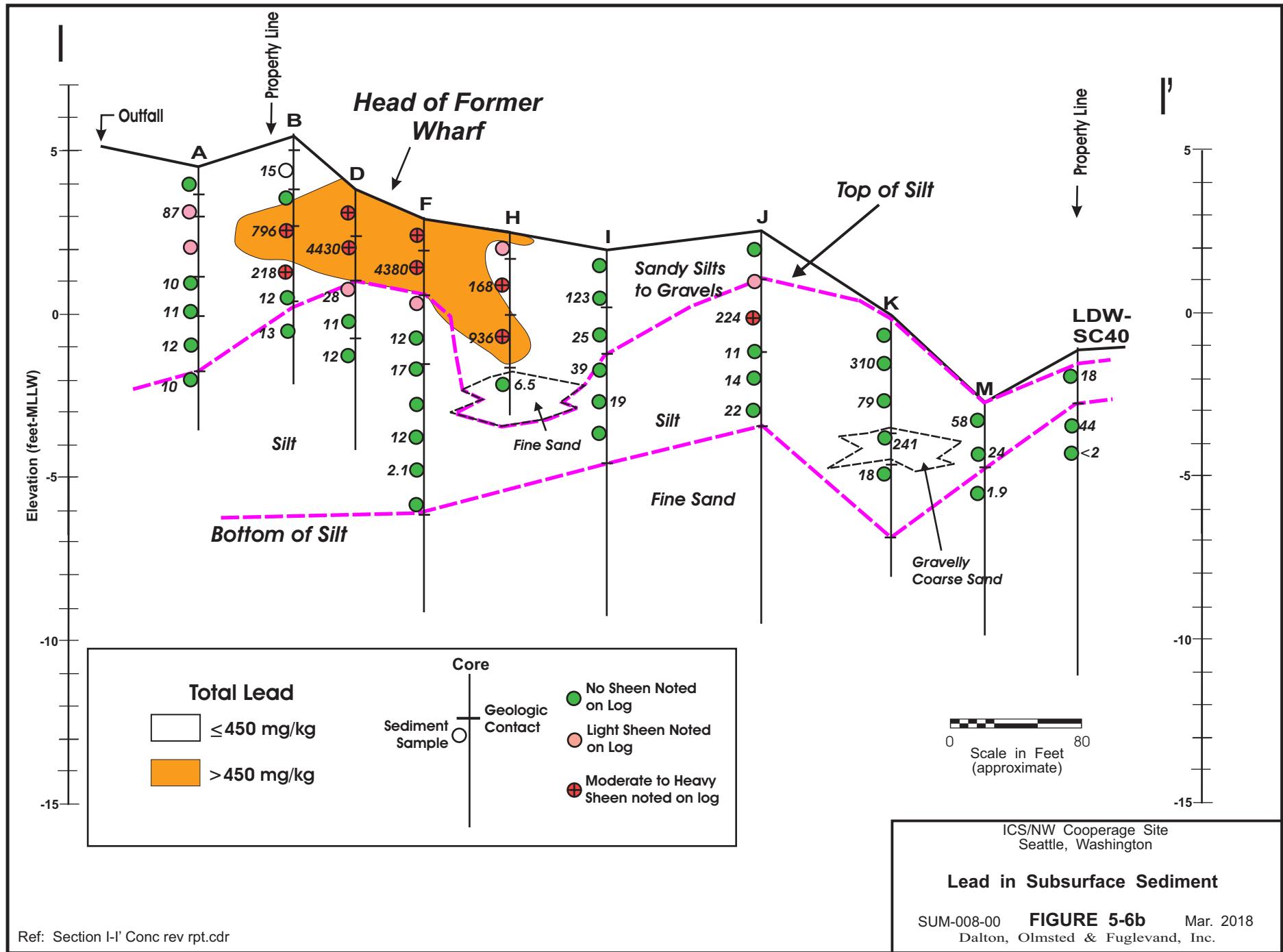


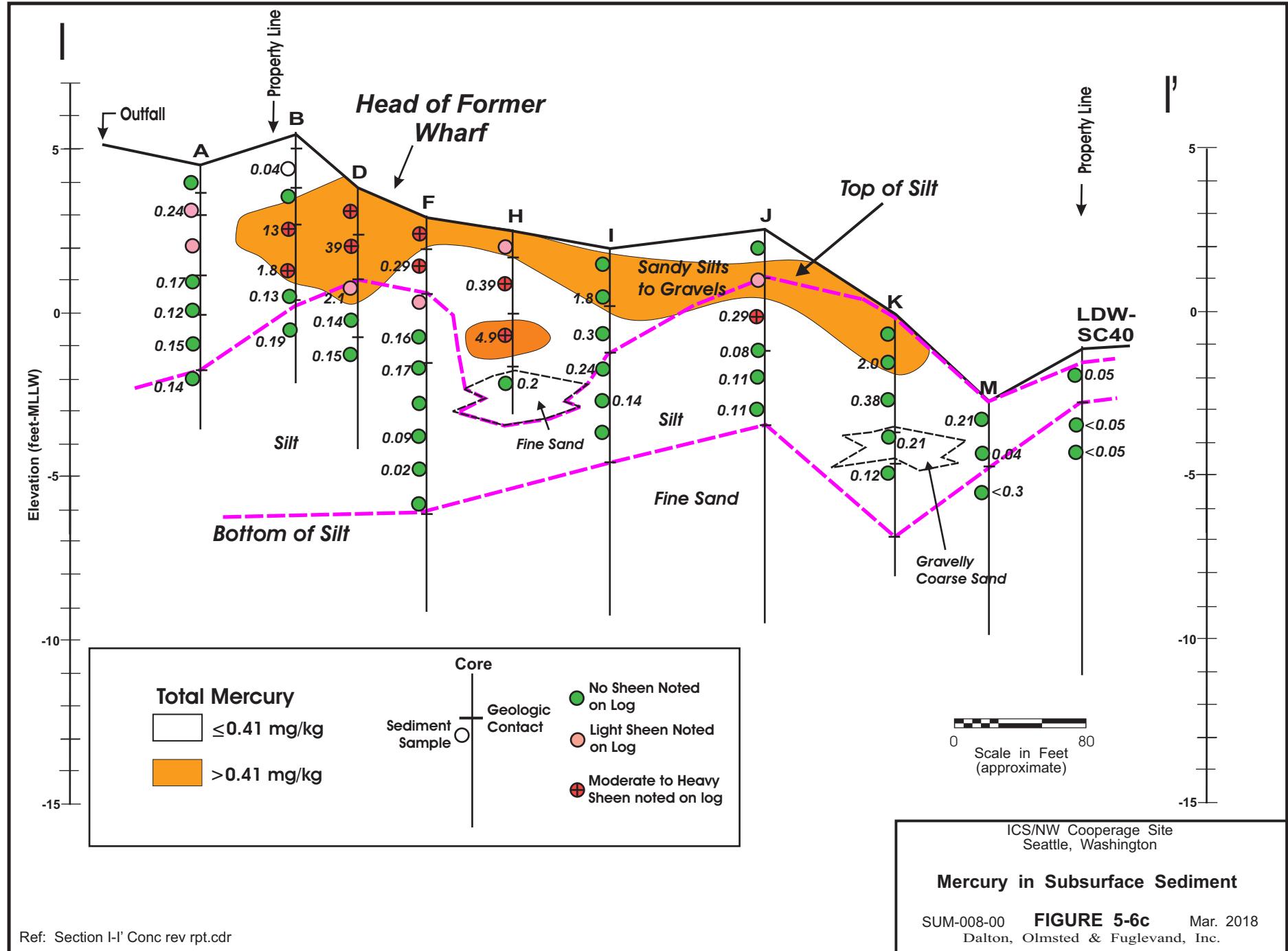


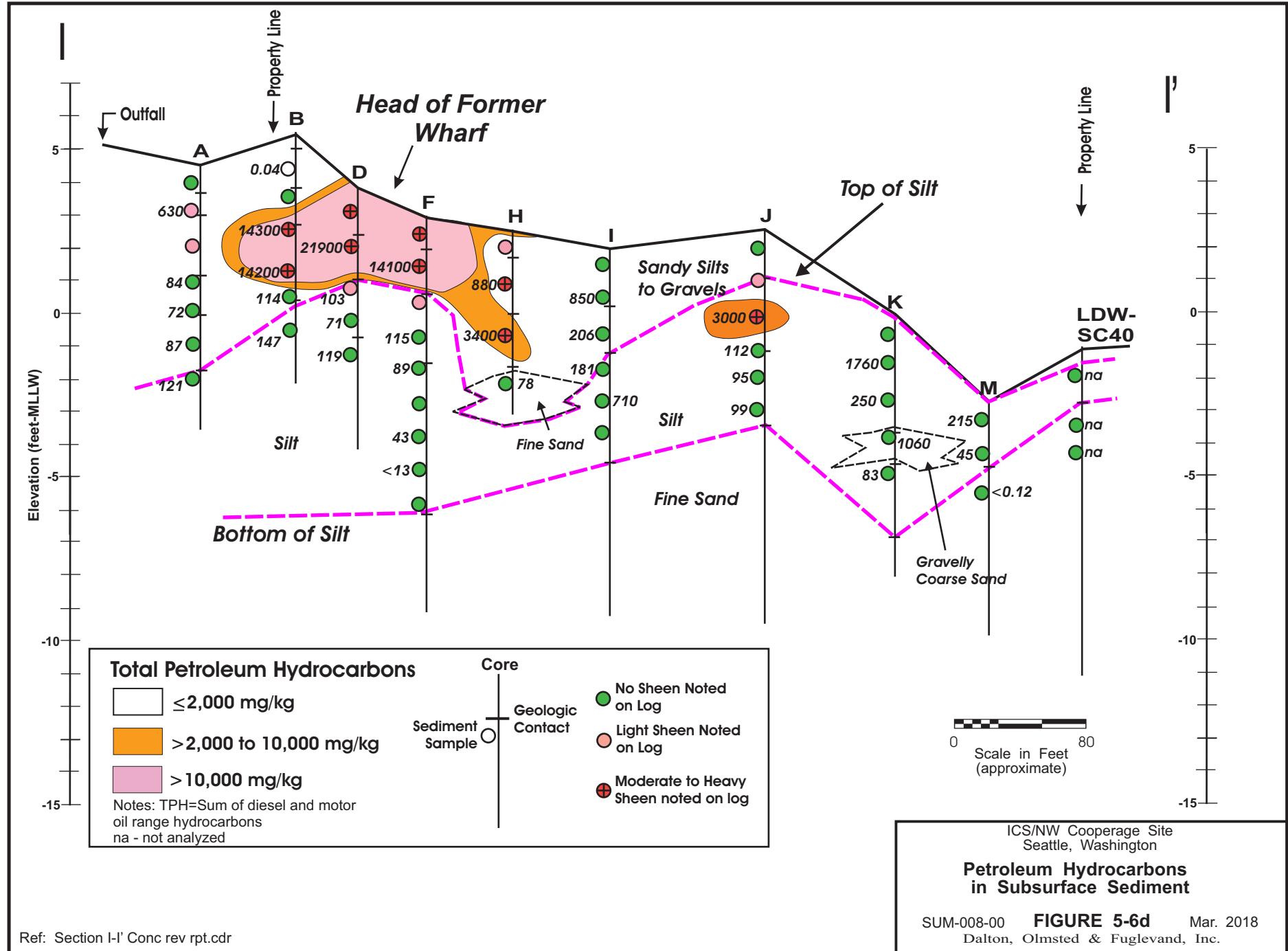


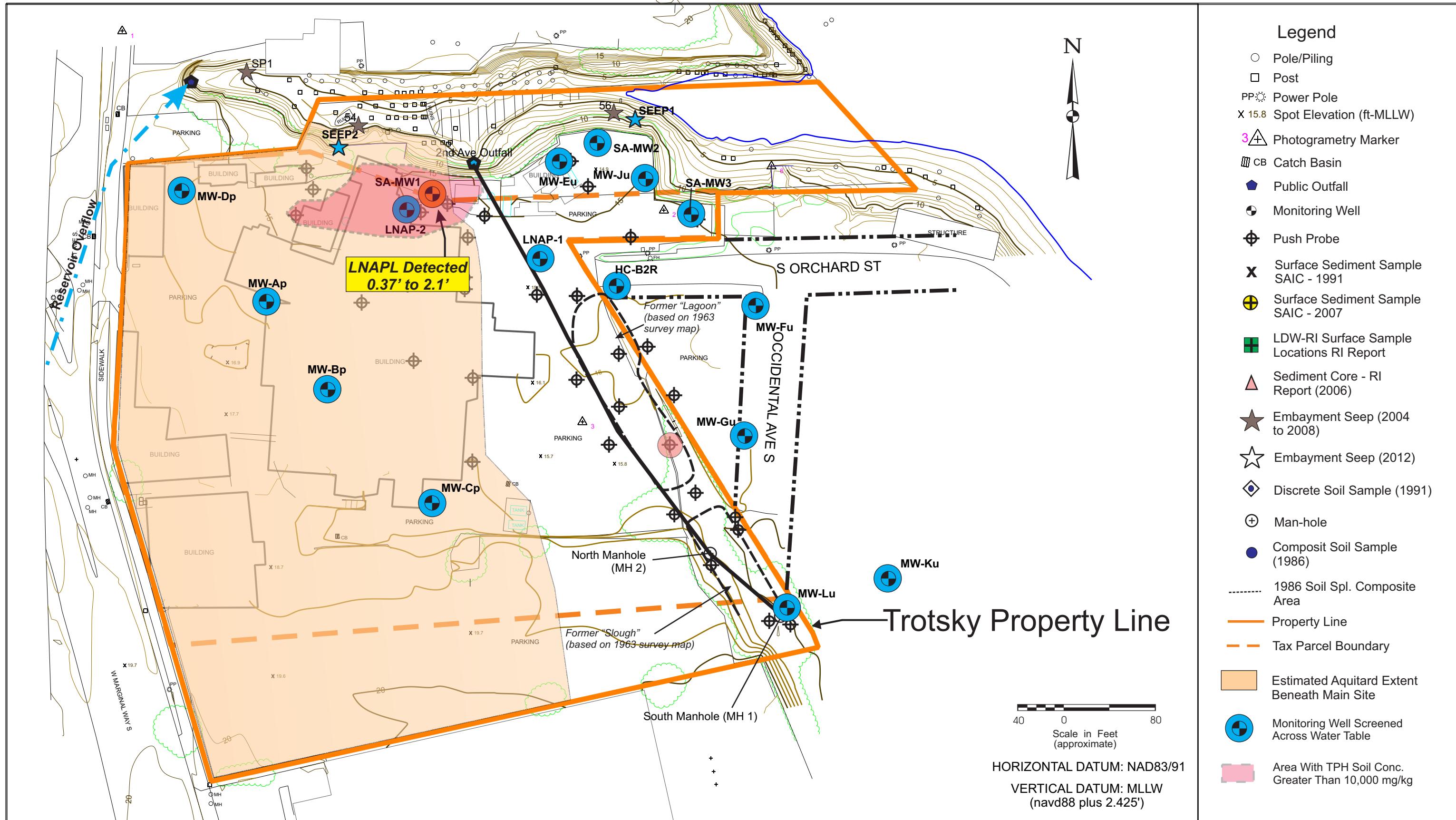












Ref: NAPL Well Networkrev.cdr

ICS/NW Cooperage Site

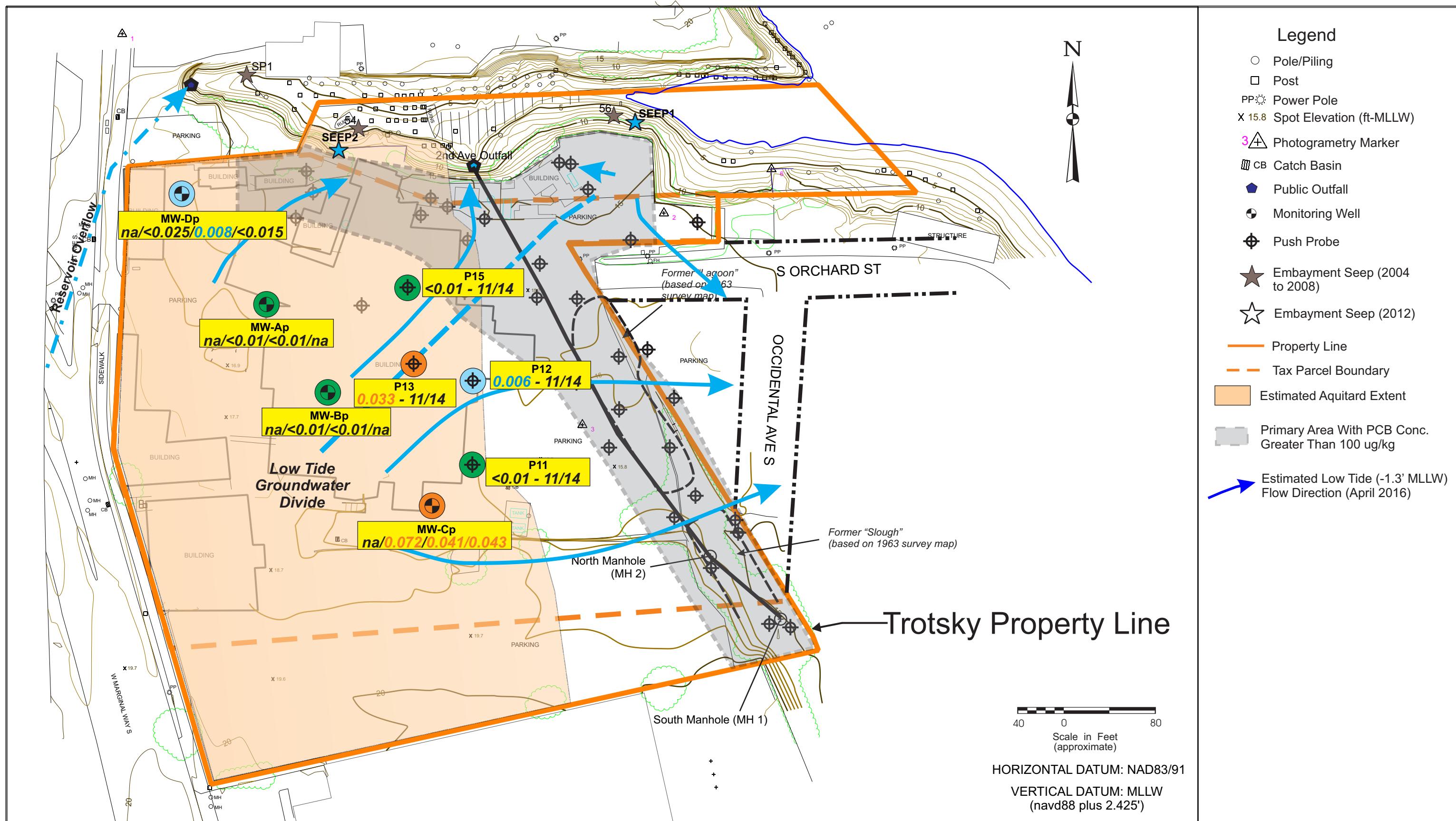
Wells Screened Across Water Table To Monitor for LNAPL

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**FIGURE
5-7**



Ref: TPCBs GW Plot R1-R3rev.cdr

(Green circle) Concentration ≤ Screening Level (SL= 7.0E-06*; PQL=0.01 ug/l)

(Orange circle) Concentration > Screening Level (SL= 7.0/E-06*; PQL=0.01 ug/l)

(Blue circle) Detection at or below PQL

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * SL Based on PQL

ICS/NW Cooperage Site

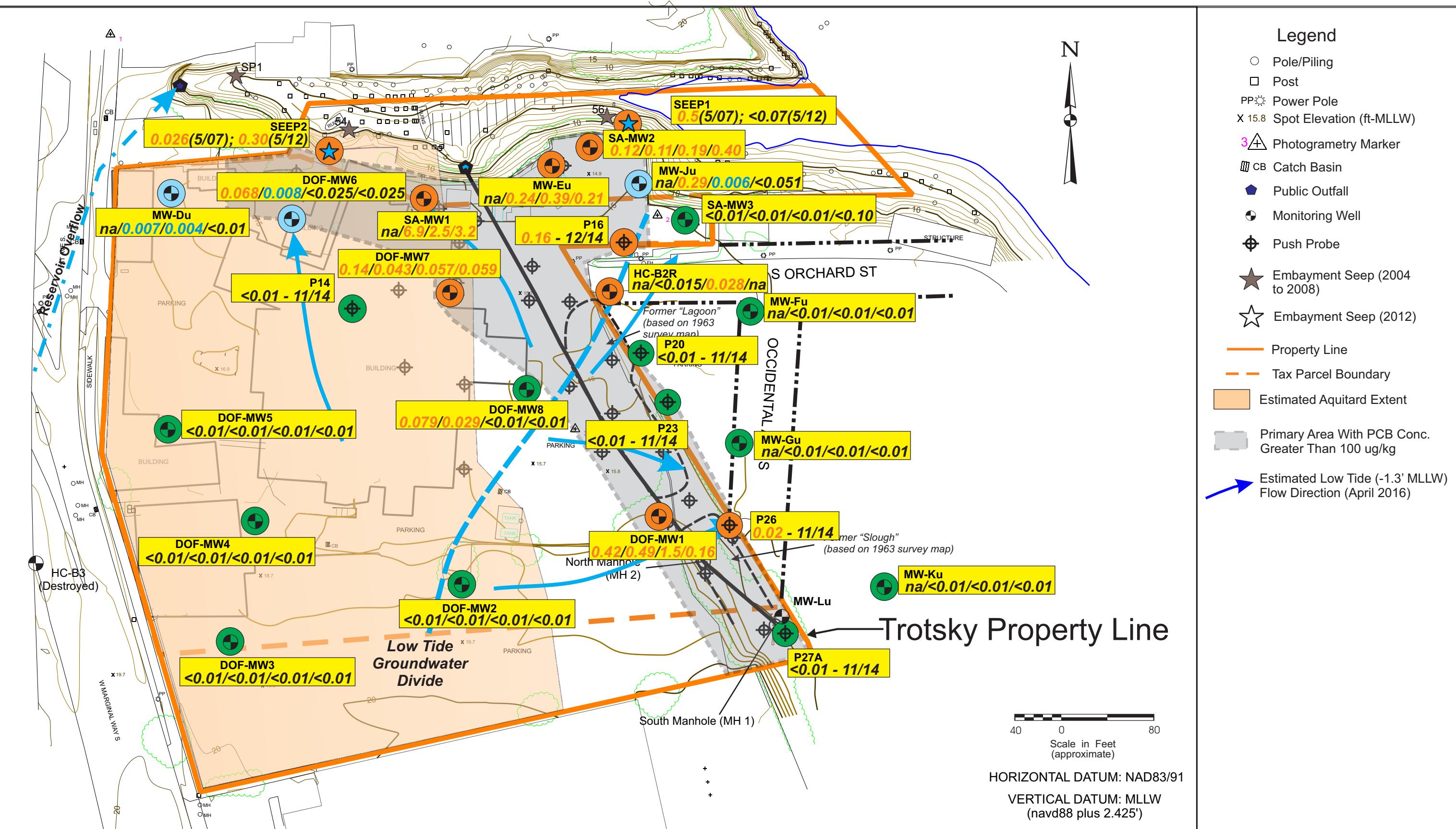
**Total PCB Concentrations
Water Table Zone Above Aquitard**

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**FIGURE
5-8a**



Concentration \leq Screening Level (SL= 7.0E-06*; PQL=0.01 ug/l)

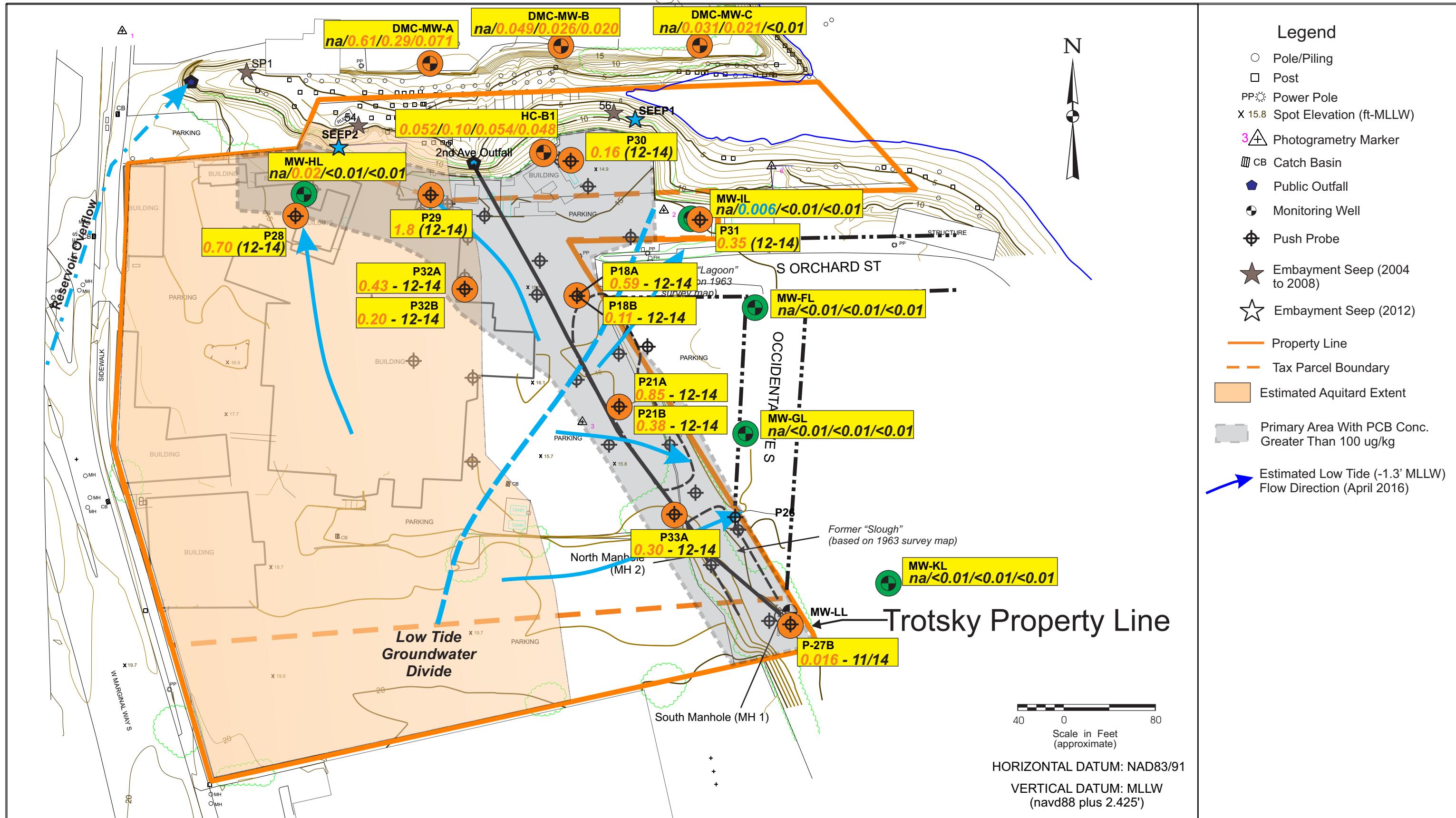
Concentration $>$ Screening Level (SL= 7.0/E-06*; PQL=0.01 ug/l)

Detection at or below PQL

Ref: TPCBs GW Plot R1-R3rev.cdr

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * SL Based on PQL

**FIGURE
5-8b**



Concentration \leq Screening Level (SL= 7.0E-06*; PQL=0.01 ug/l)

Concentration $>$ Screening Level (SL= 7.0E-06*; PQL=0.01 ug/l)

Ref: TPCBs GW Plot R1-R3rev.cdr

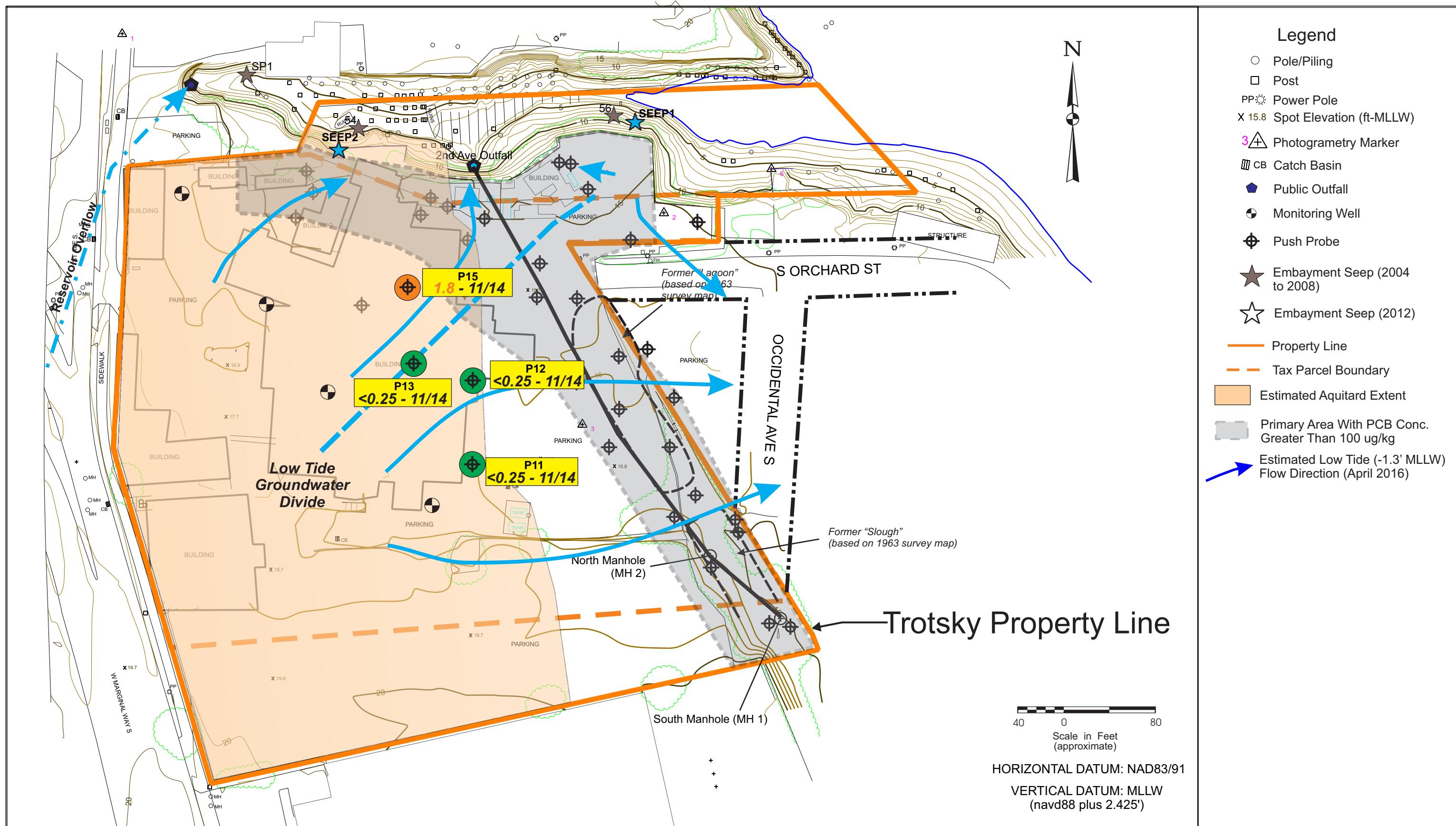
Detection at or below PQL

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)

na - Not Available; * SL Based on PQL

FIGURE

5-8c



● Concentration \leq Screening Level (SL= 0.8* mg/l)
● Concentration > Screening Level (SL= 0.8* mg/l)

2.0/5.3/6.0/2.0 Sum Concentration - mg/l (11-2012/11-2015/3-2016/9-2016)
 na - Not Available; * Groundwater Method A

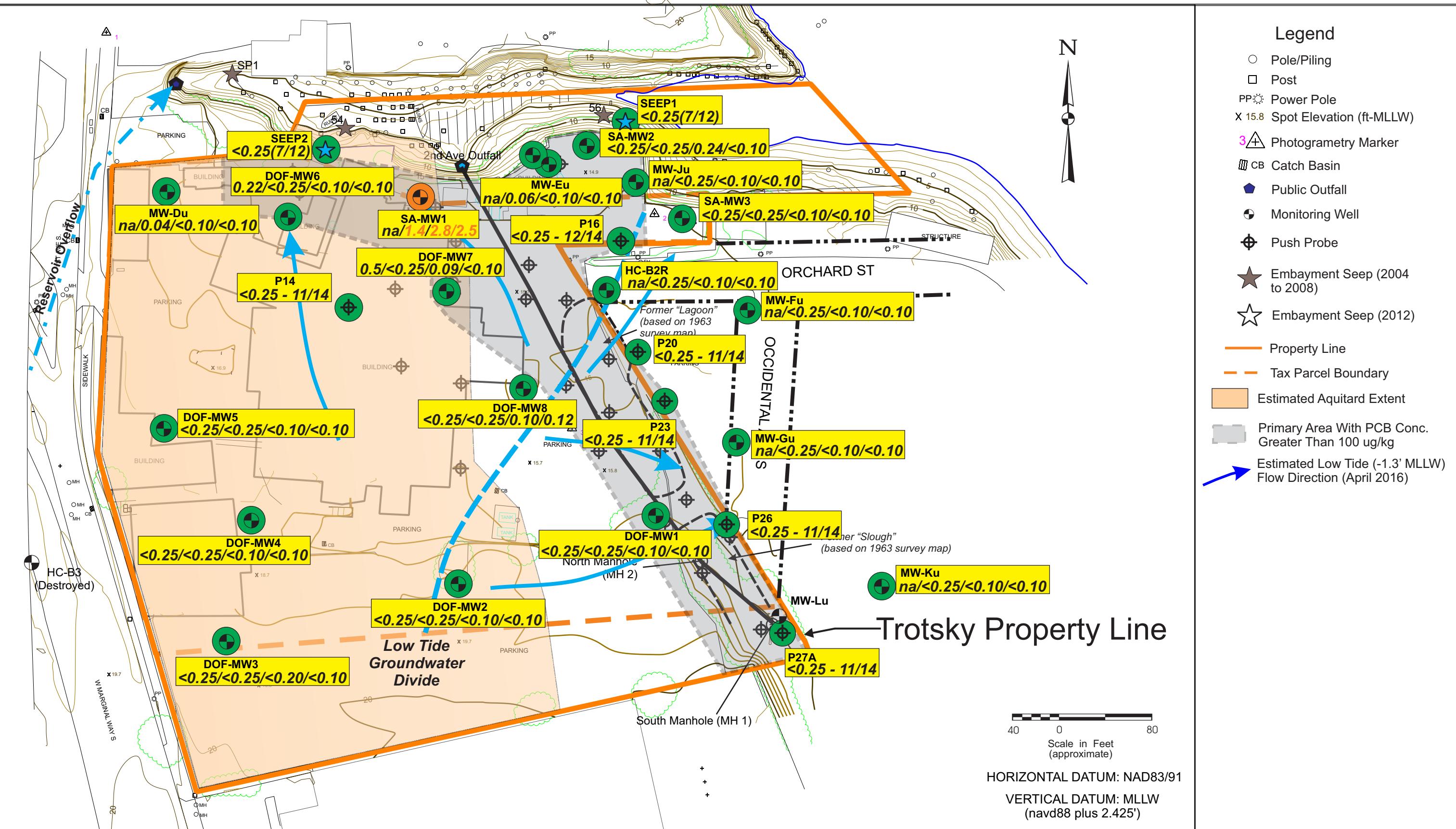
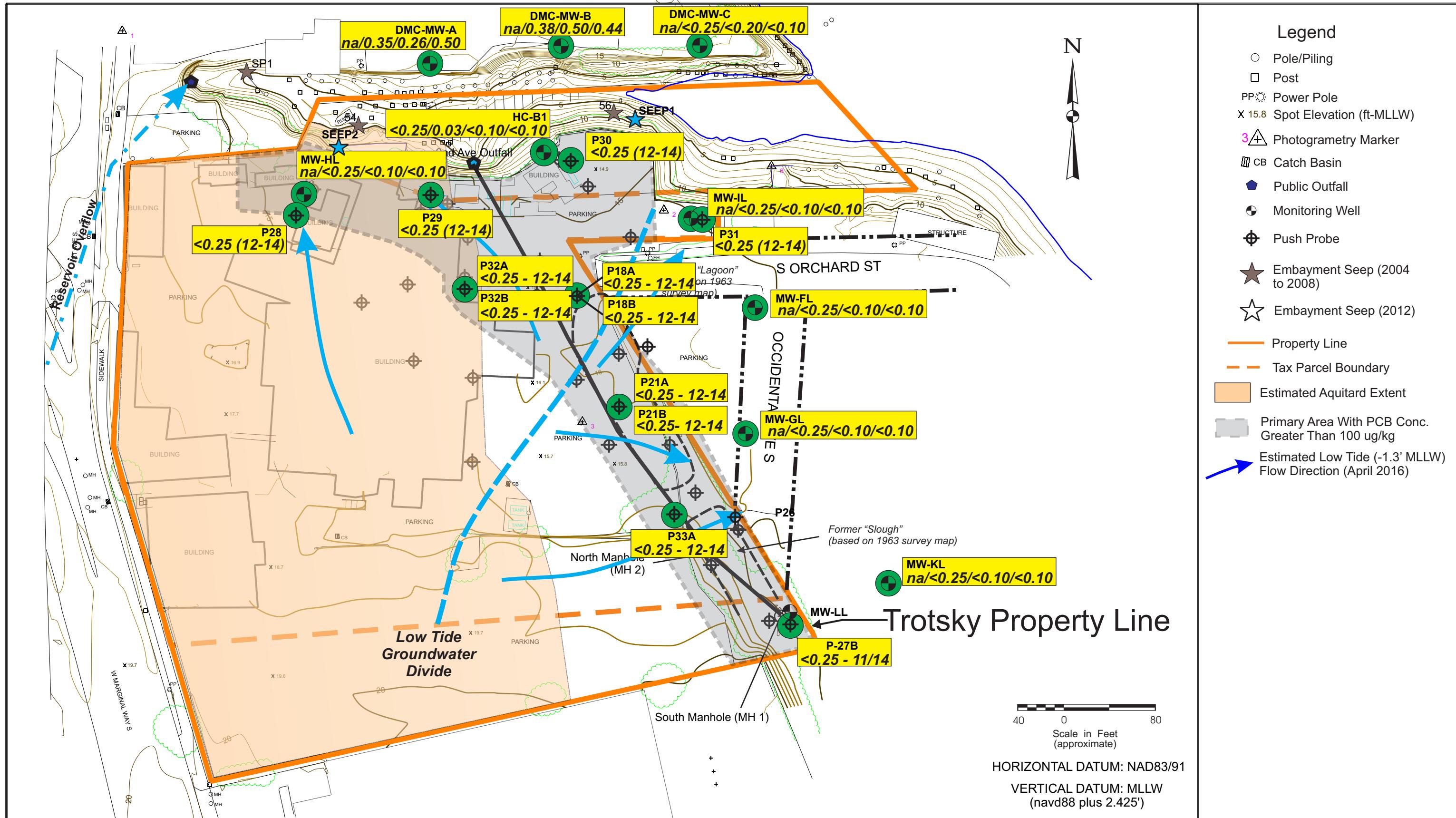
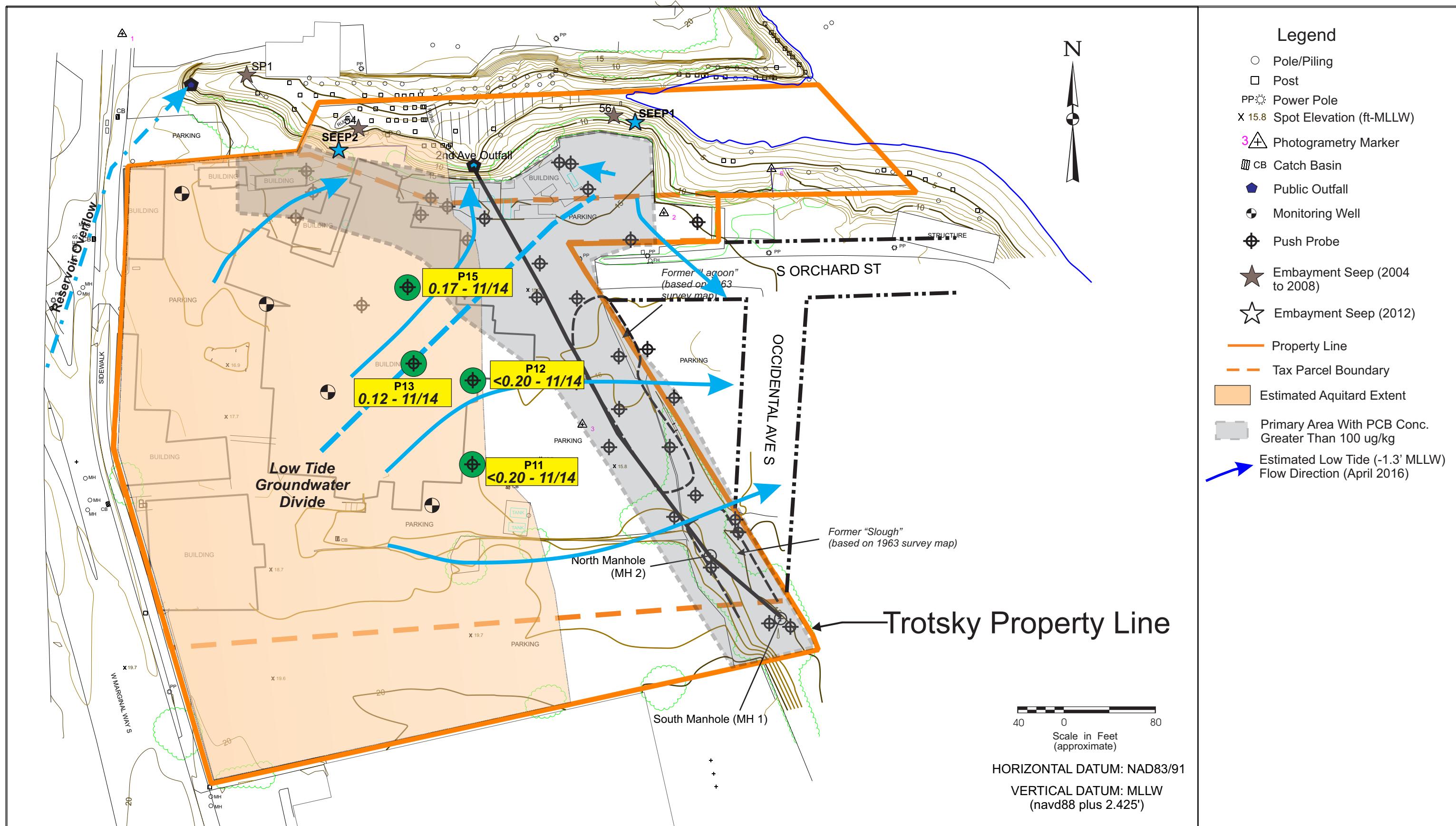


FIGURE
5-9b



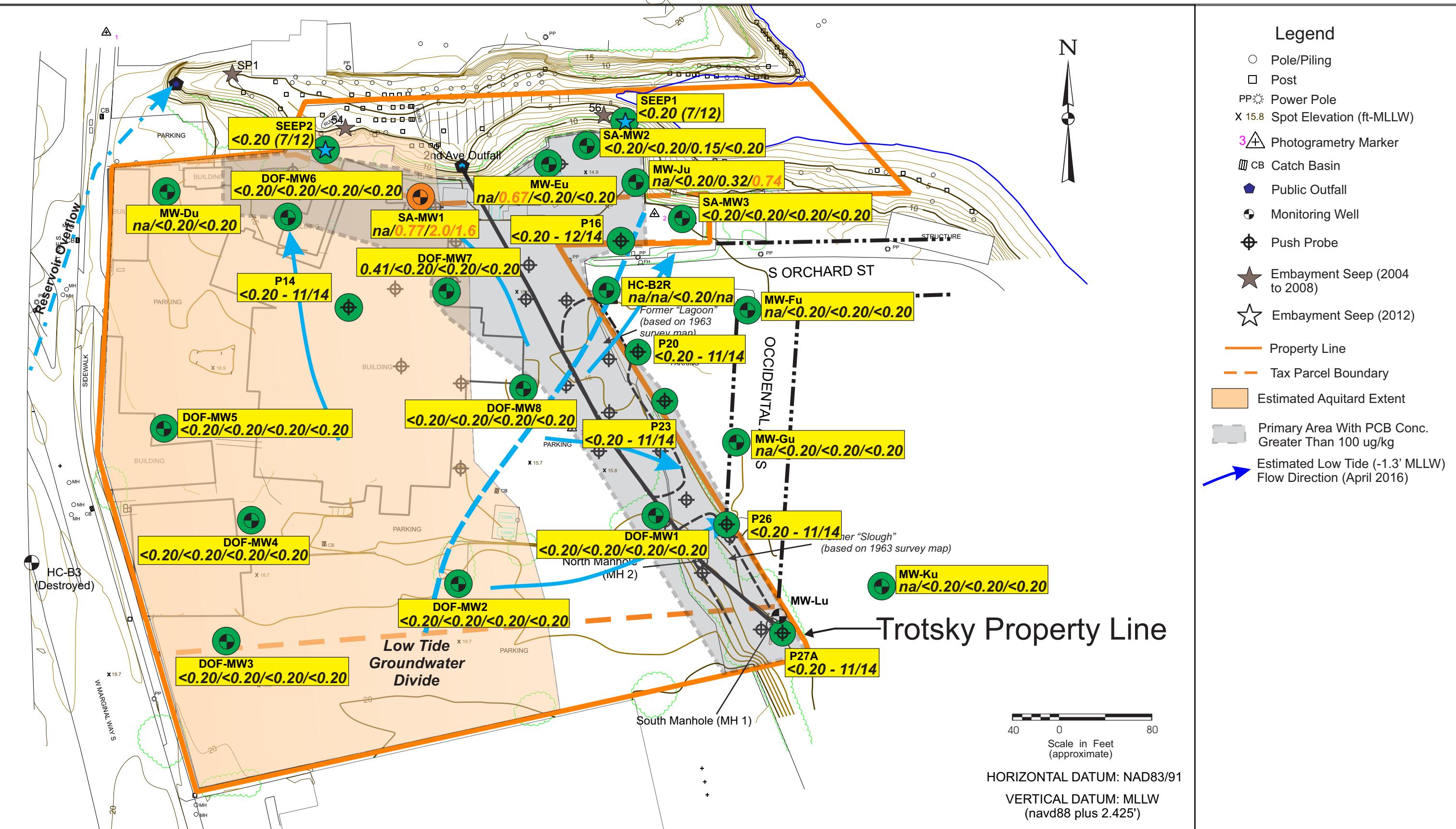


Ref: TPH-Dx GW Plot R1-R3rev.cdr

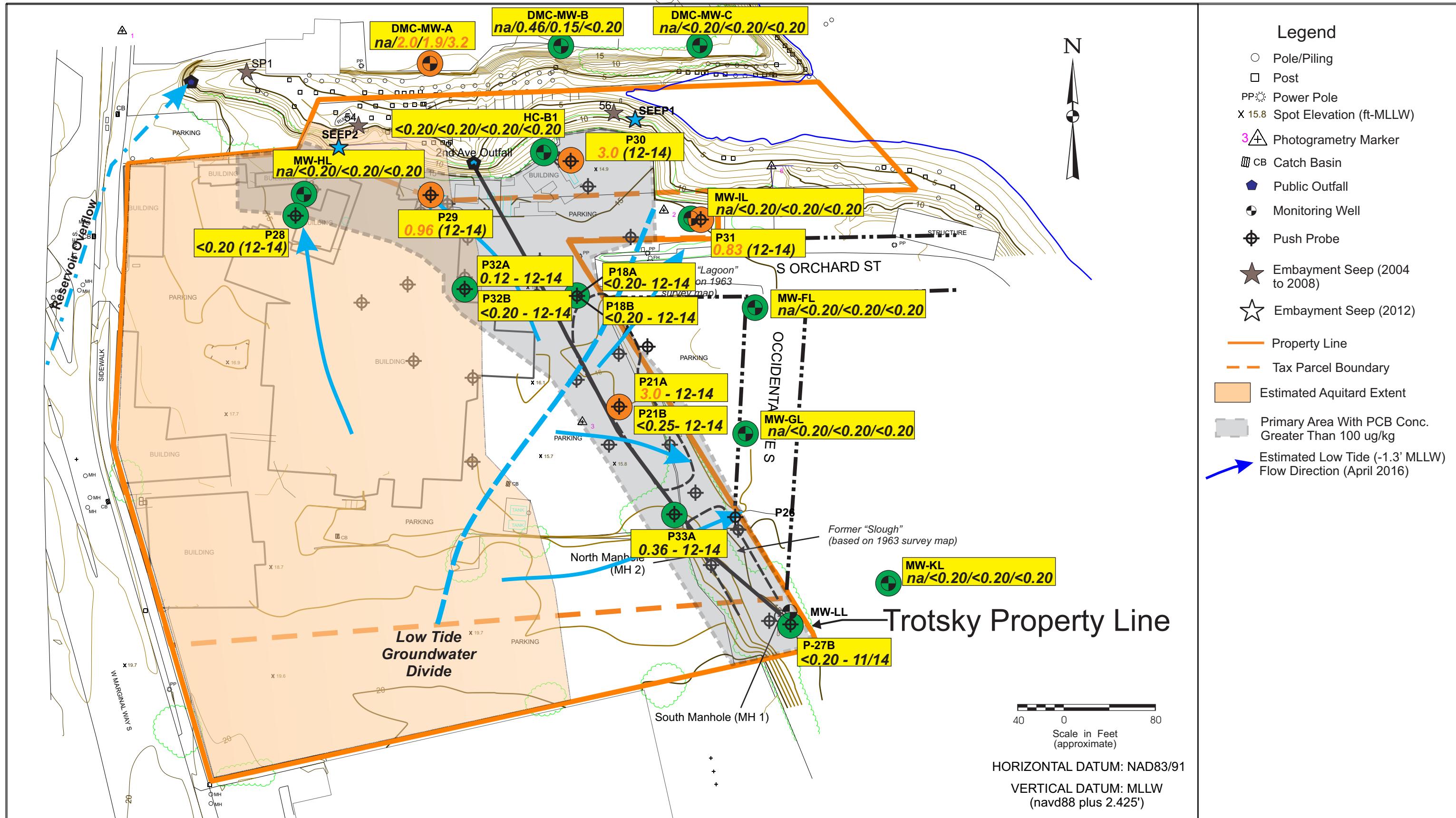
- Concentration \leq Screening Level (SL= 0.5* mg/l)
- Concentration $>$ Screening Level (SL= 0.5* mg/l)

2.0/5.3/6.0/2.0 Sum Concentration - mg/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * Groundwater Method A

FIGURE
5-10a



ICS/NW Cooperage Site		FIGURE 5-10b	
Diesel/Heavy-Oil Range Organics Concentrations - Upper Zone			
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Dalton, Olmsted & Fuglevand, Inc.			



● Concentration ≤ Screening Level (SL= 0.5* mg/l)
● Concentration > Screening Level (SL= 0.5* mg/l)

2.0/5.3/6.0/2.0 Sum Concentration - mg/l (11-2012/11-2015/3-2016/9-2016)

na - Not Available; * Groundwater Method A

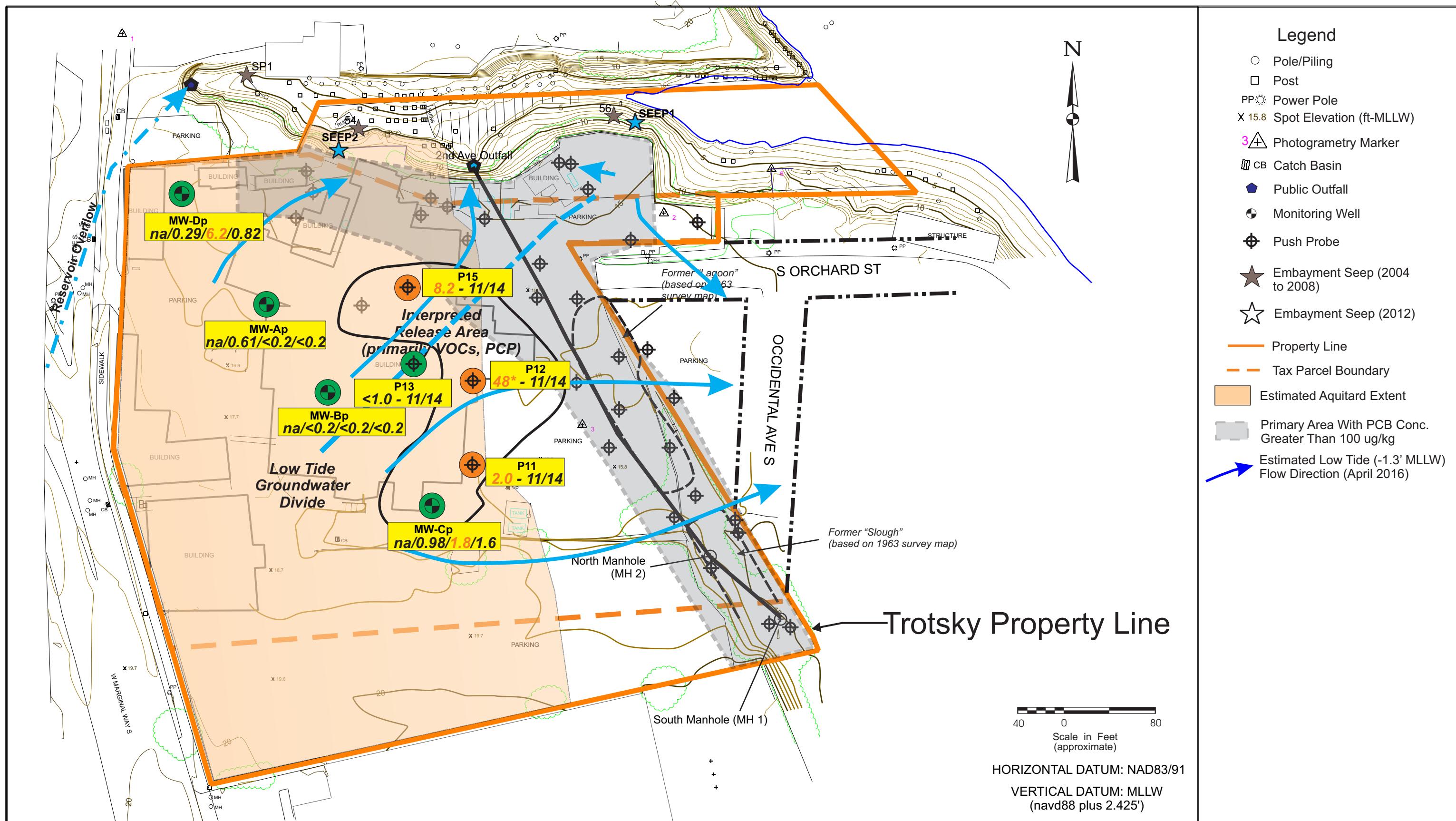
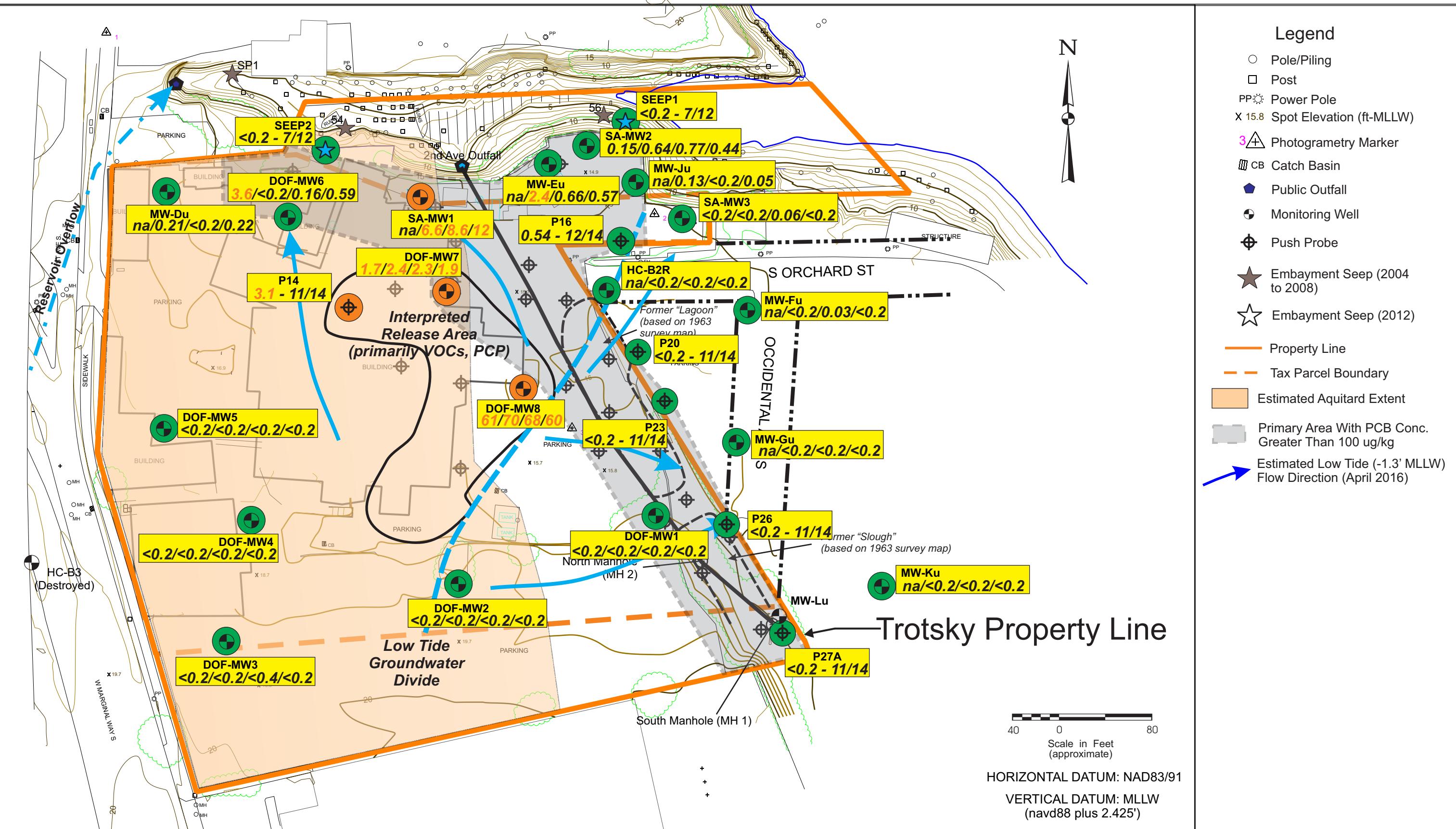


FIGURE 5-11a



● Concentration \leq Screening Level (SL= 1.6* ug/l)
● Concentration > Screening Level (SL= 1.6* ug/l)

2.0/5.3/6.0/0.61 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * Surface Water

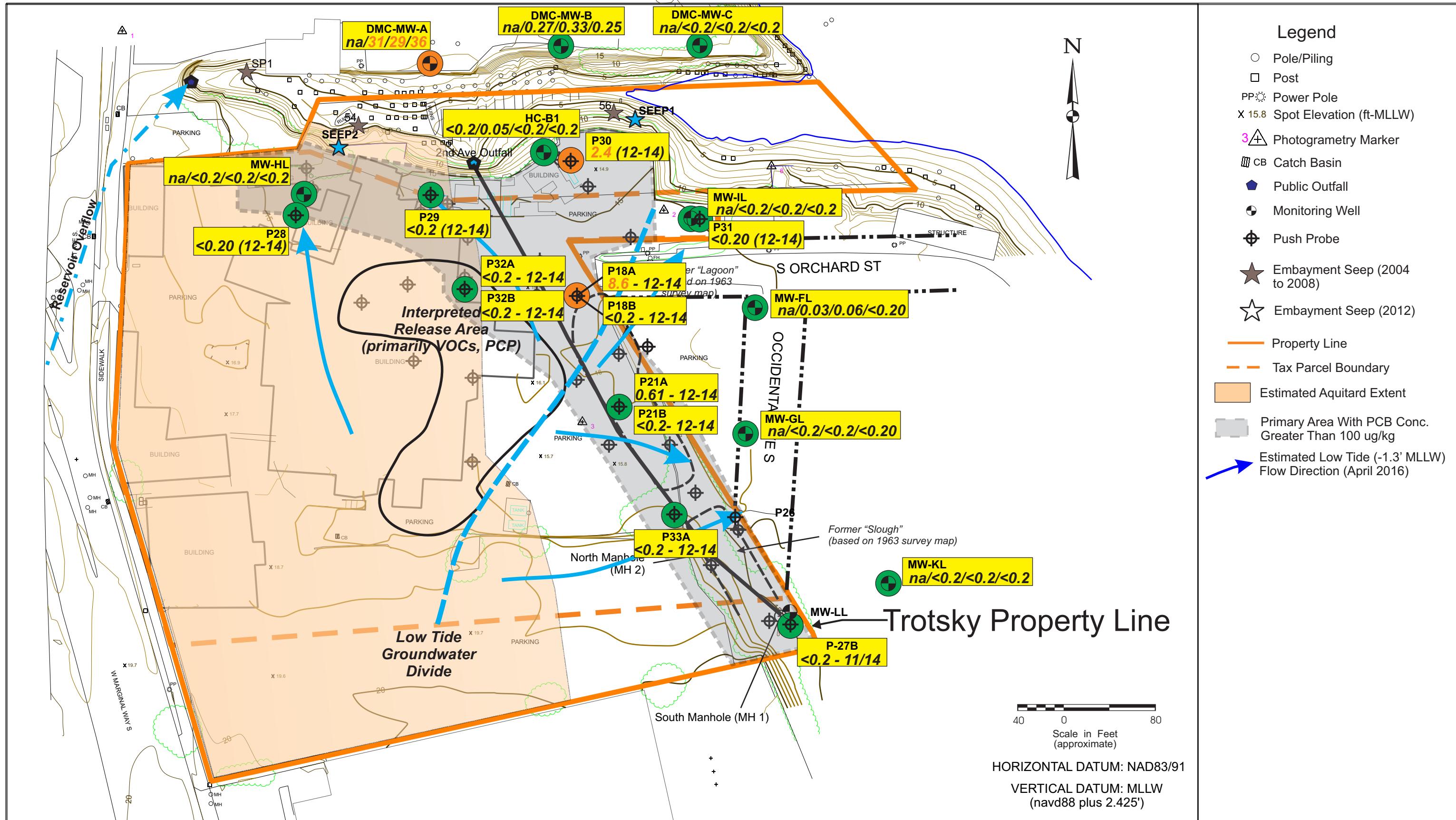
ICS/NW Cooperage Site

**Benzene Concentrations
Upper Zone**

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● Concentration \leq Screening Level (SL= 1.6* ug/l)
● Concentration $>$ Screening Level (SL= 1.6* ug/l)

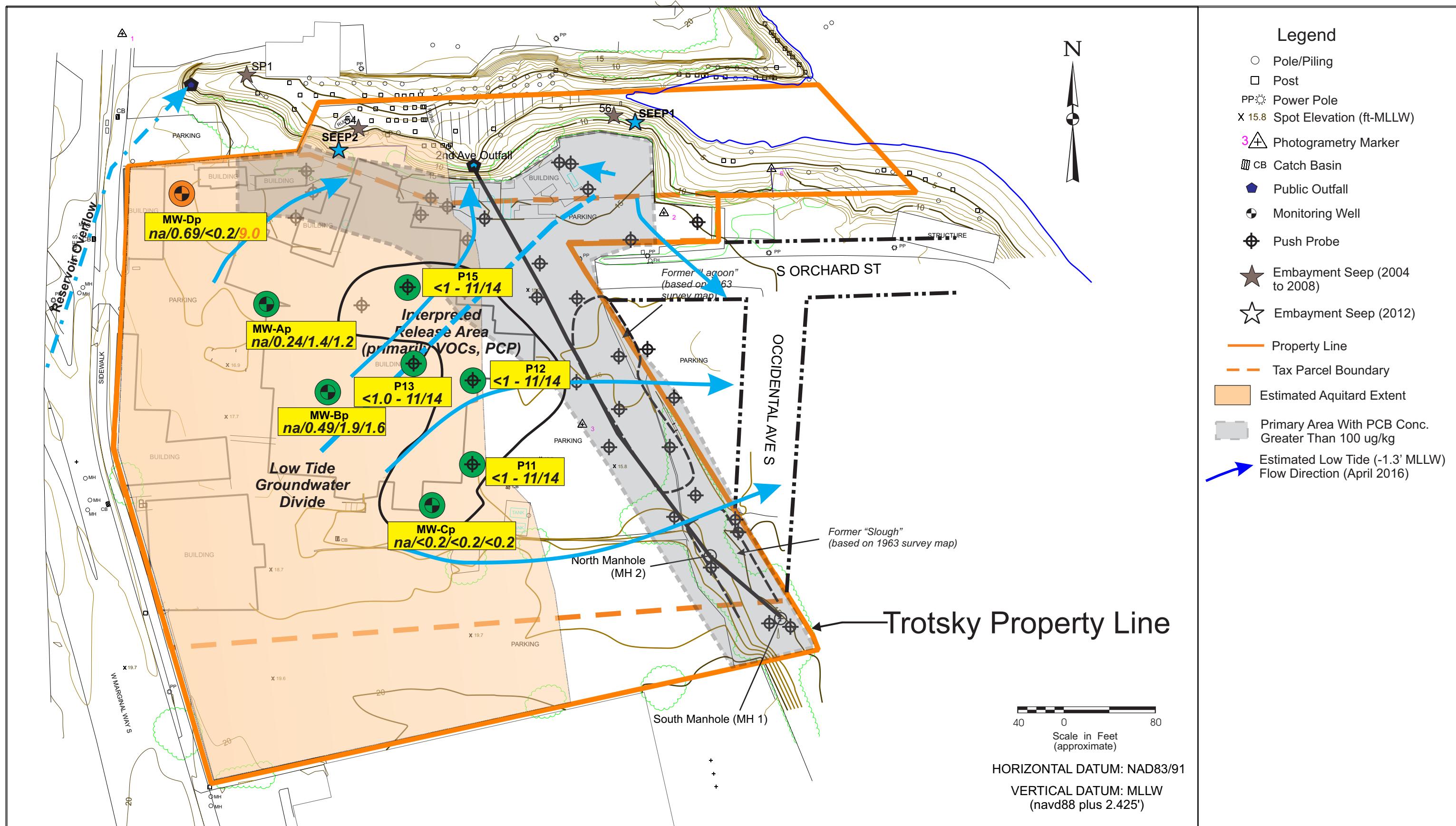
2.0/5.3/6.0/0.61 Concentration - ug/l (11-2012/11-2015/3-2016/10-2016)
na - Not Available; * Surface Water

ICS/NW Cooperage Site

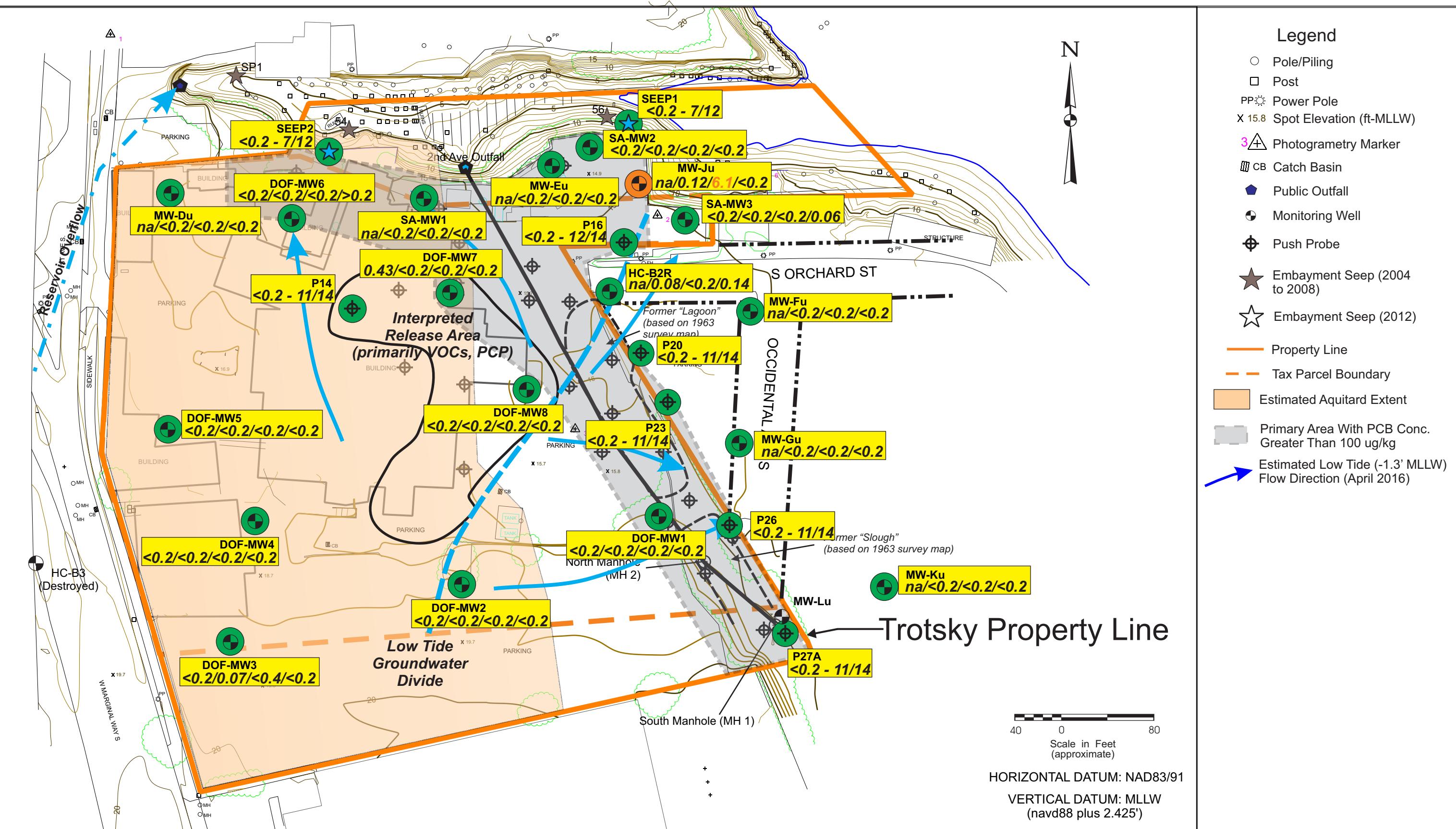
Benzene Concentrations Lower Zone
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FIGURE 5-11c



**FIGURE
5-12a**



(Green Circle) Concentration < Screening Level (SL=2.9*ug/l)
 (Orange Circle) Concentration > Screening Level (SL= 2.9* ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
 na - Not Available; * Surface Water

ICS/NW Cooperage Site

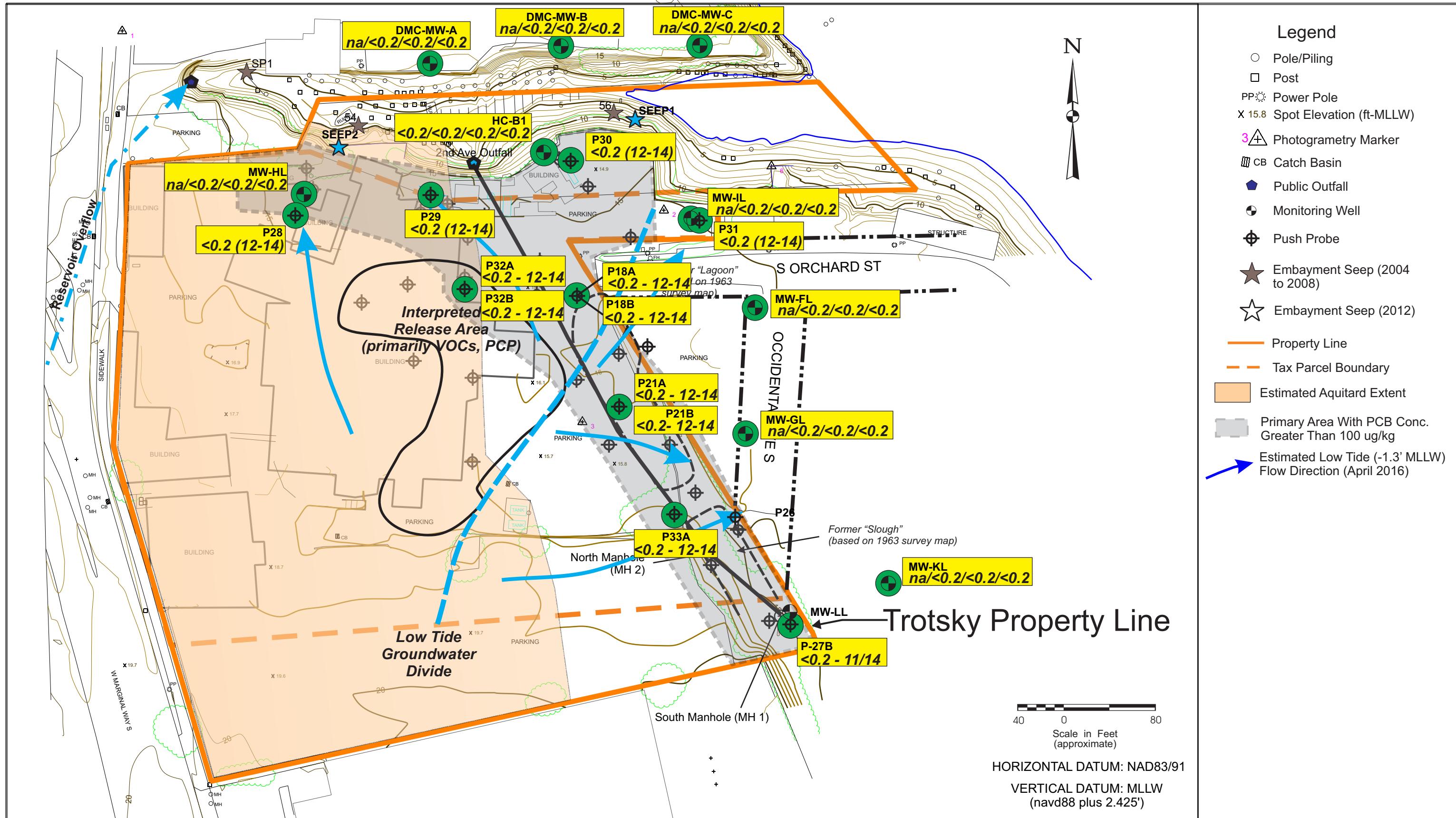
**Tetrachloroethene Concentrations
Upper Zone**

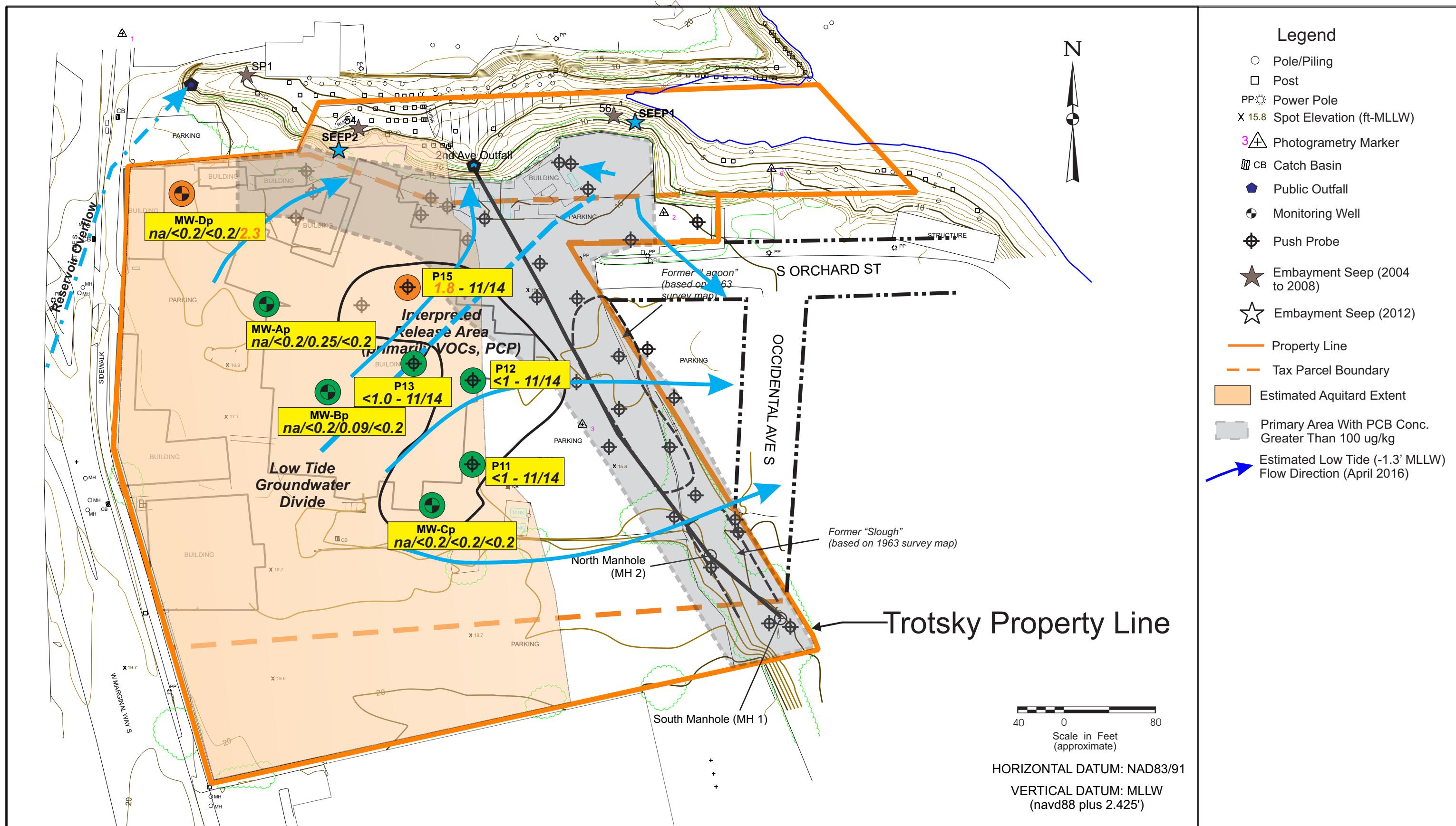
SUM-008-00 (ICS)

Mar. 2018

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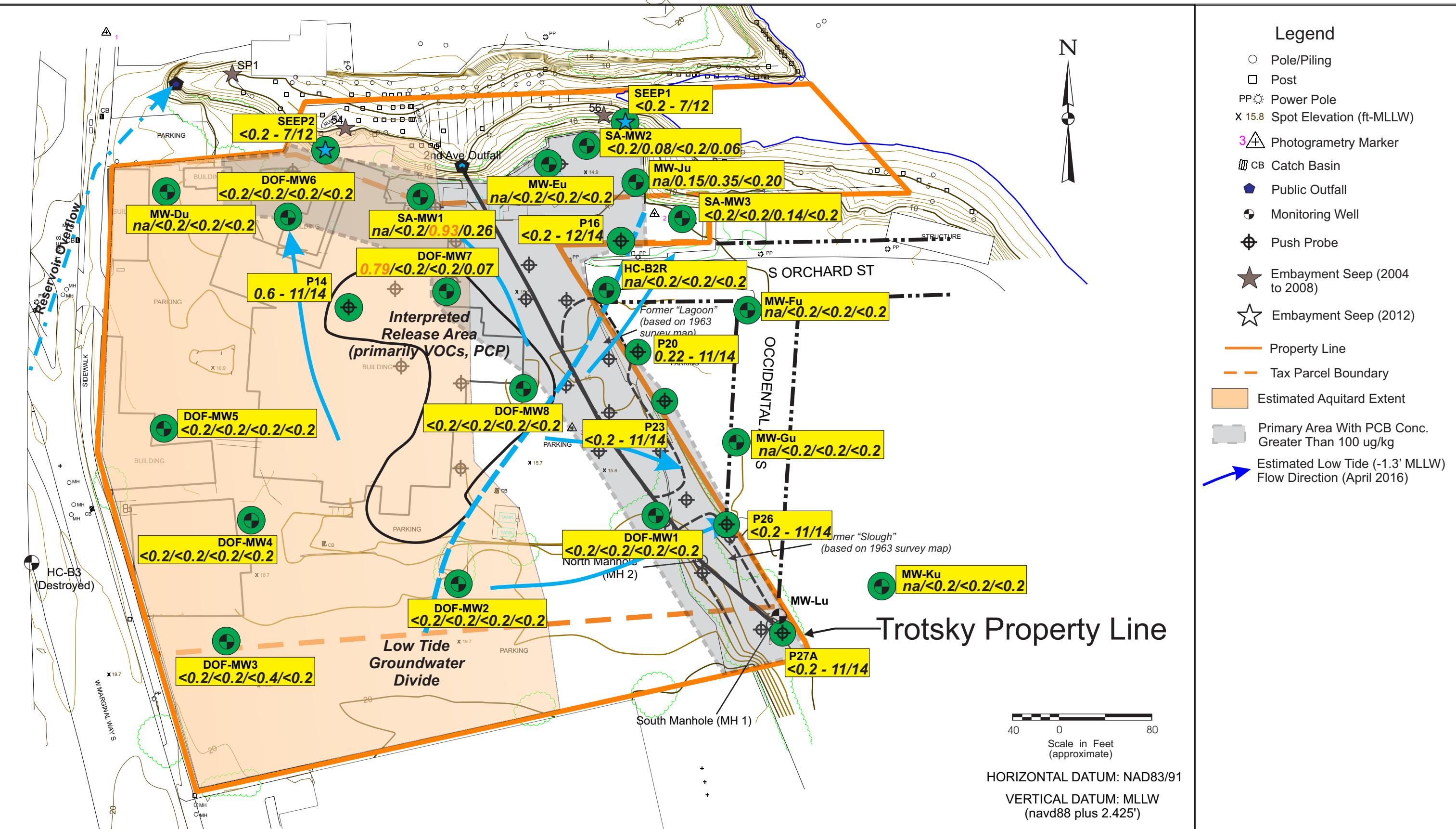
**FIGURE
5-12b**





● Concentration \leq Screening Level (SL= 0.7* ug/l)
● Concentration $>$ Screening Level (SL= 0.7* ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * Surface Water



● Concentration ≤ Screening Level (SL= 0.7* ug/l)

● Concentration > Screening Level (SL= 0.7* ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * Surface Water

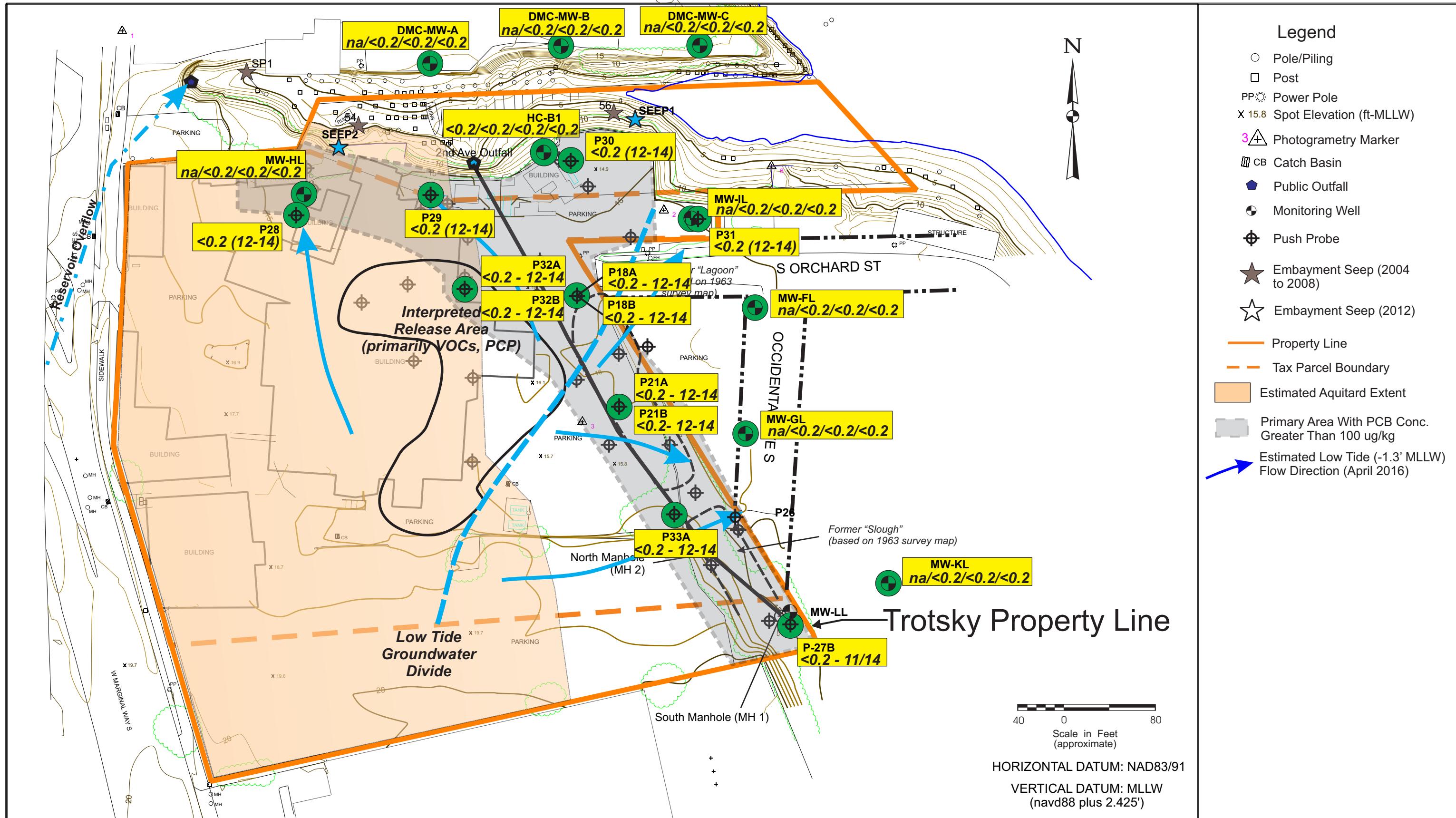
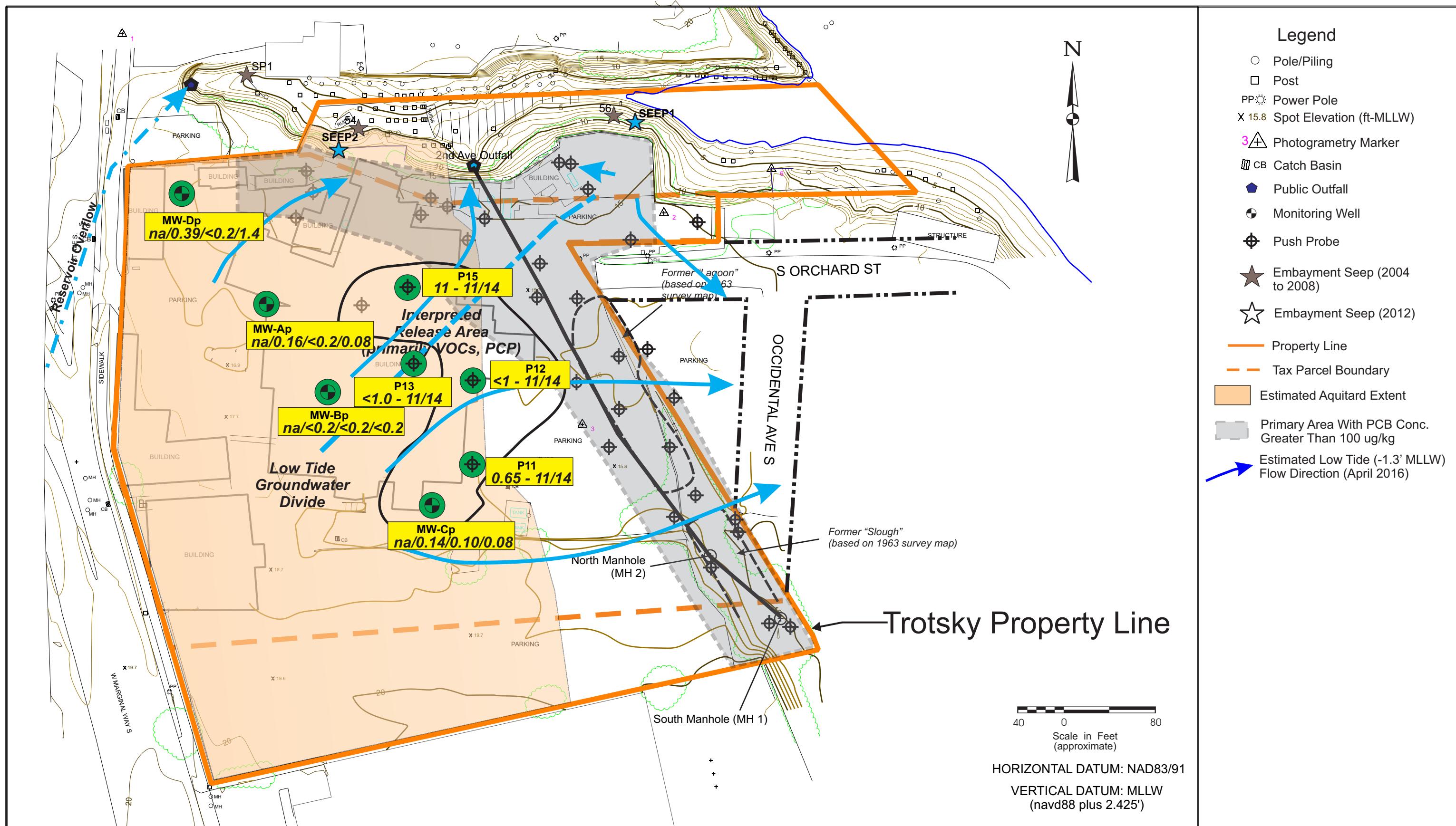
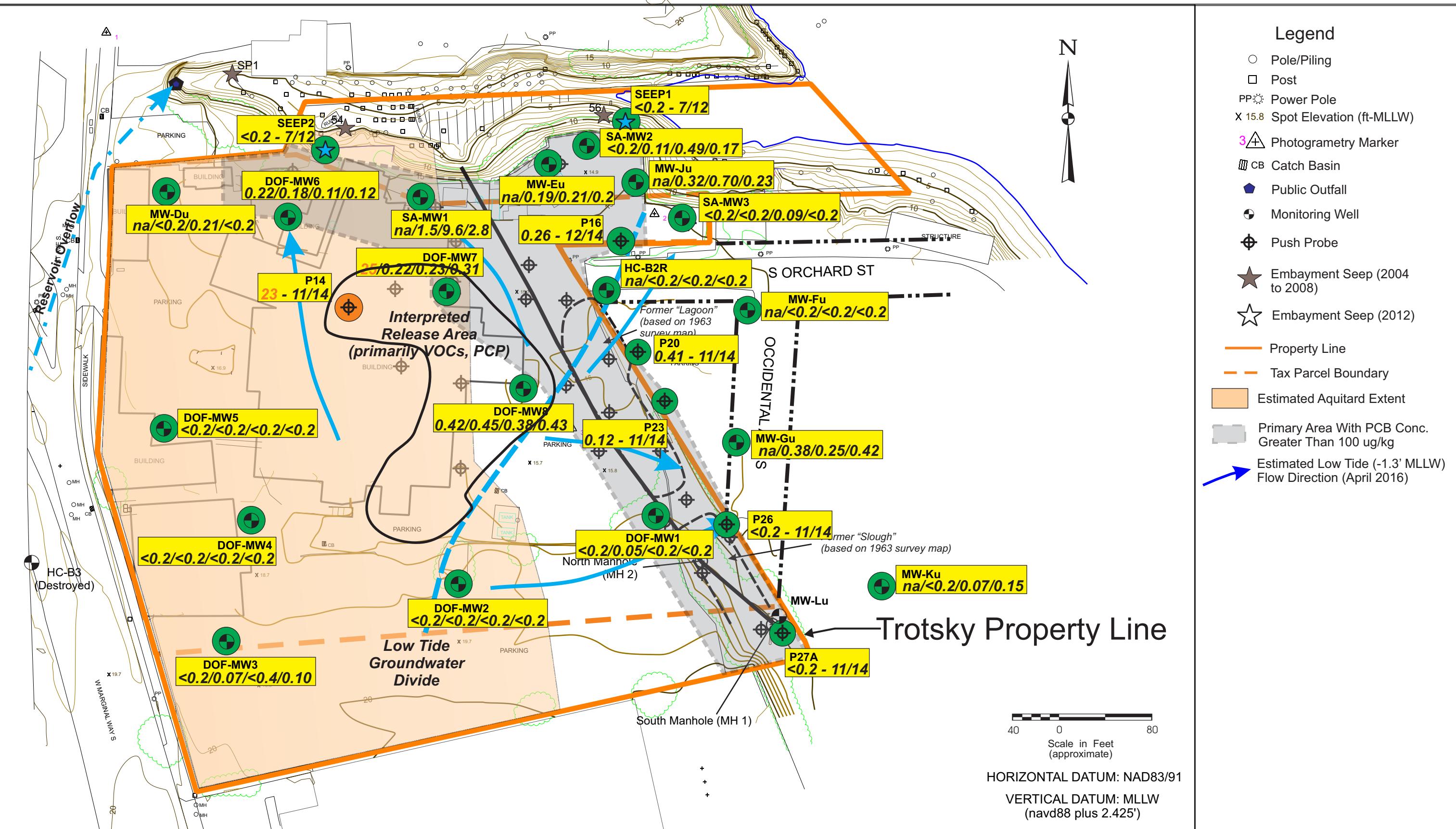


FIGURE
5-13c



● Concentration ≤ Screening Level (SL= na*/16** ug/l)
● Concentration > Screening Level (SL= na*/16** ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
na - Not Available; * Surface Water; ** Groundwater - MTCA Method B



Concentration ≤ Screening Level (SL= na*/16** ug/l)
 Concentration > Screening Level (SL= na*/16** ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
 na - Not Available; * Surface Water; ** Groundwater - MTCA Method B

ICS/NW Cooperage Site

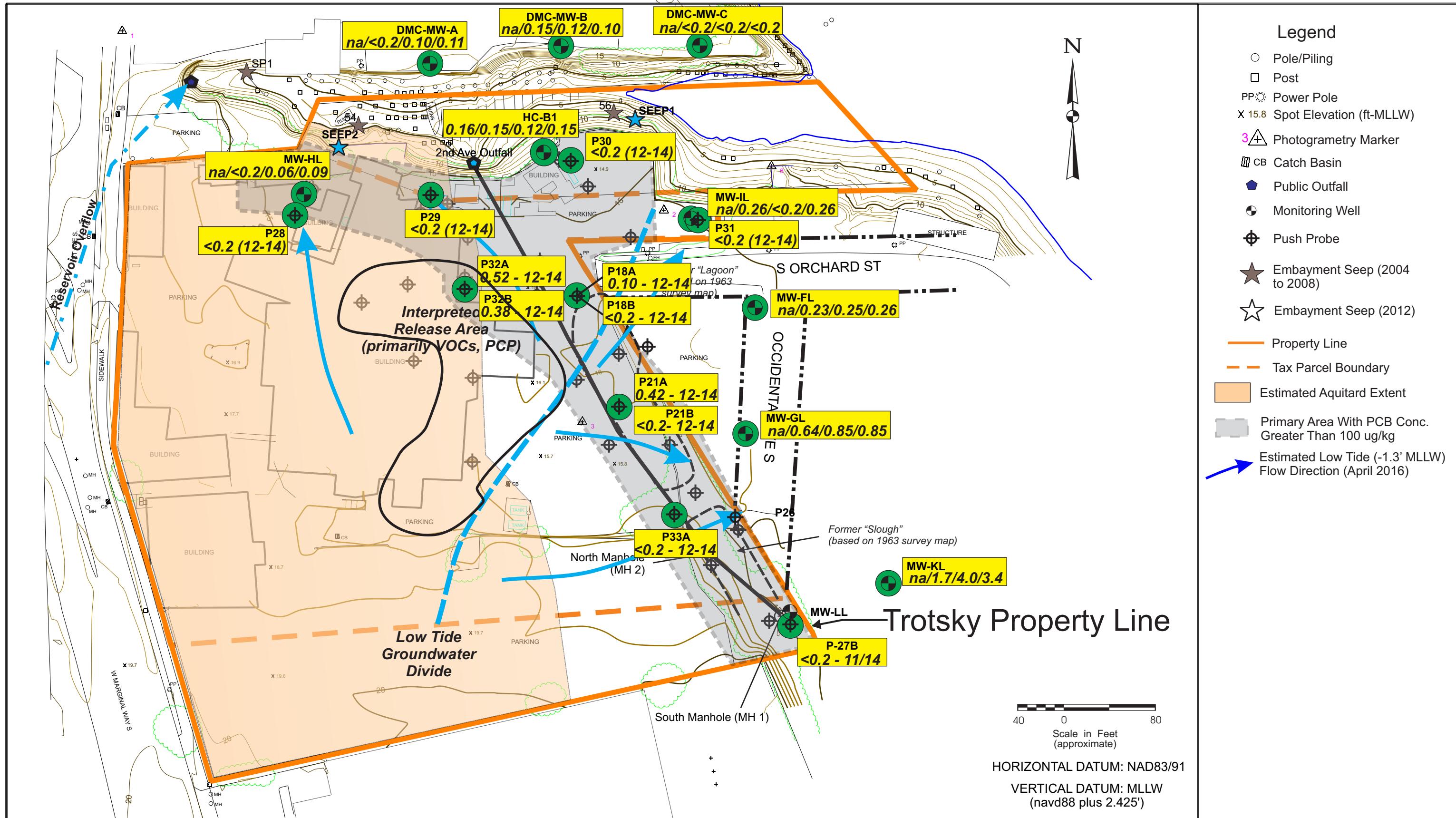
**cis-1,2-Dichloroethene Concentrations
Upper Zone**

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**FIGURE
5-14b**

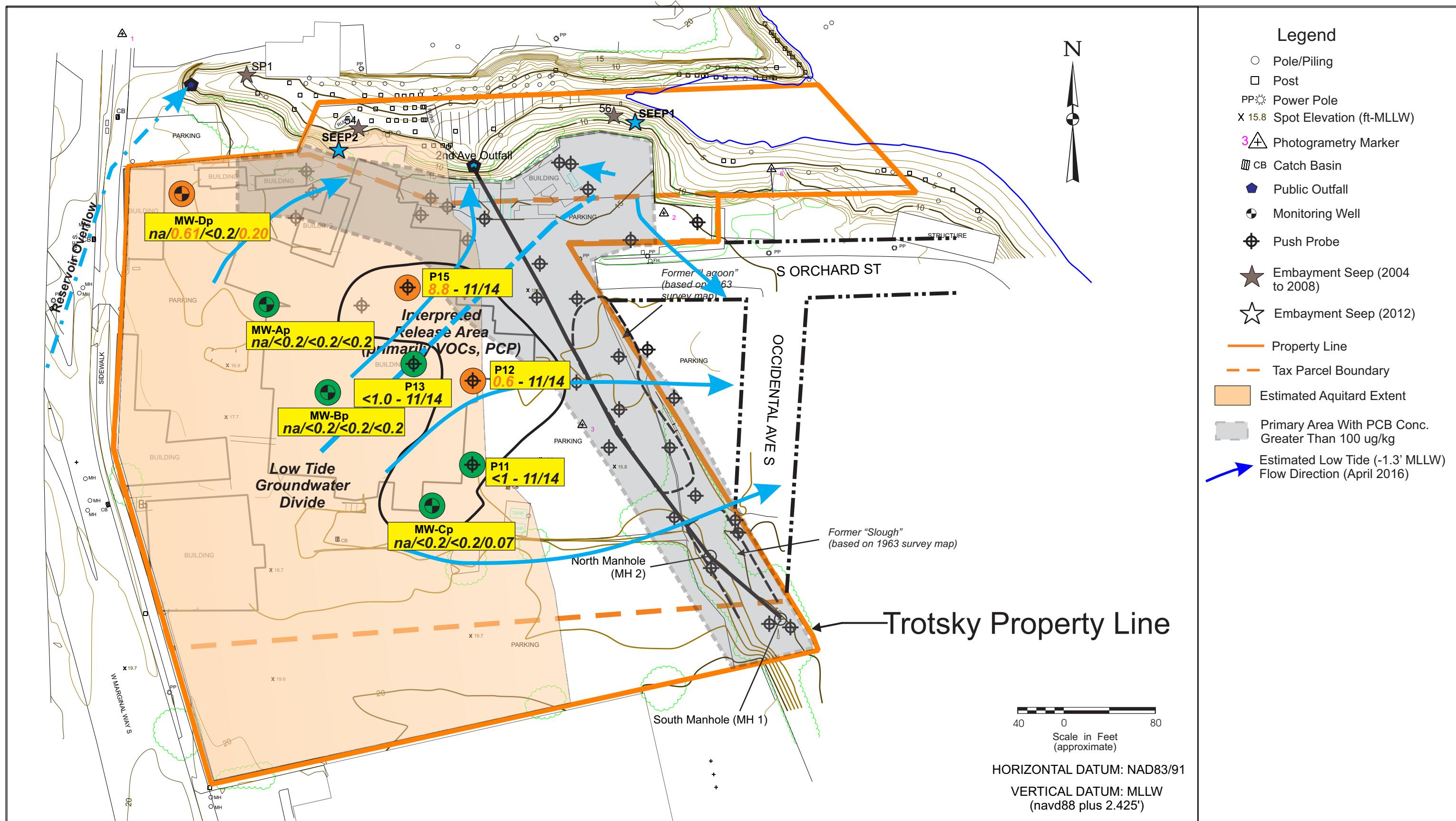


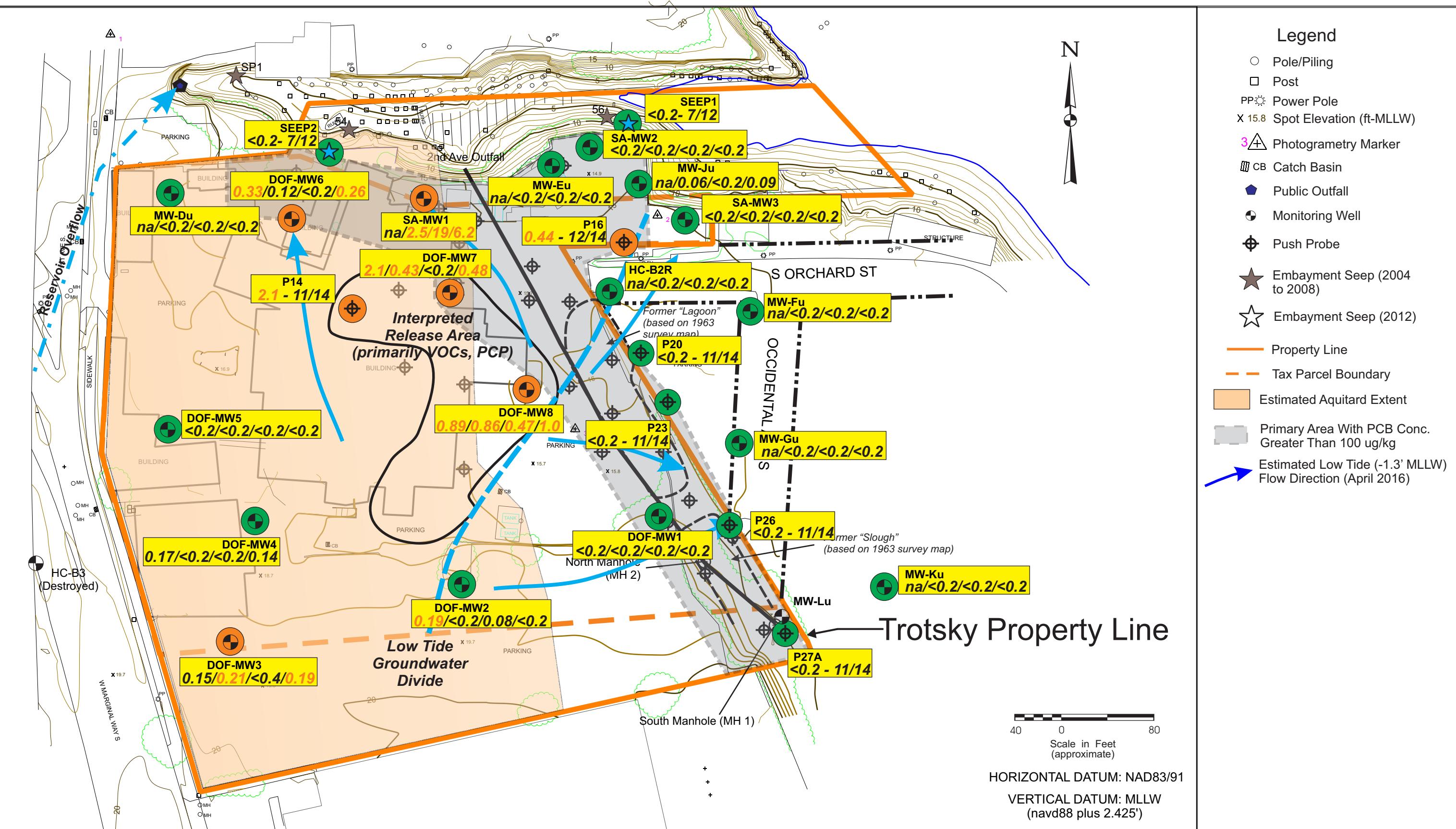
● Concentration ≤ Screening Level (SL= na*/16** ug/l)

● Concentration > Screening Level (SL= na*/16** ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)

na - Not Available; * Surface Water; ** Groundwater - MTCA Method B





● Concentration ≤ Screening Level (SL = 0.18* ug/l)
 ● Concentration > Screening Level (SL= 0.18* ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
 na - Not Available; * Surface Water

ICS/NW Cooperage Site

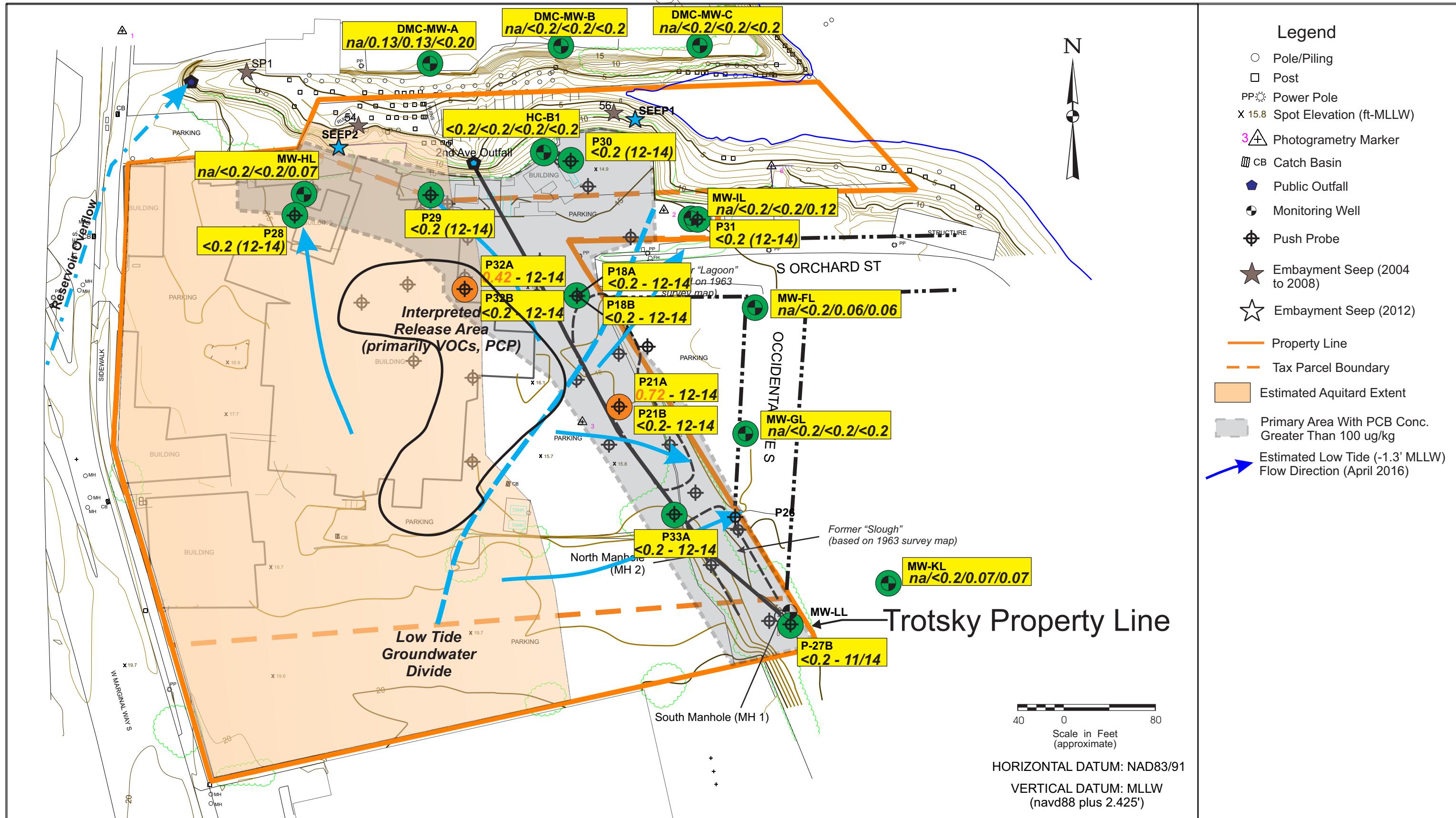
**Vinyl Chloride Concentrations
Upper Zone**

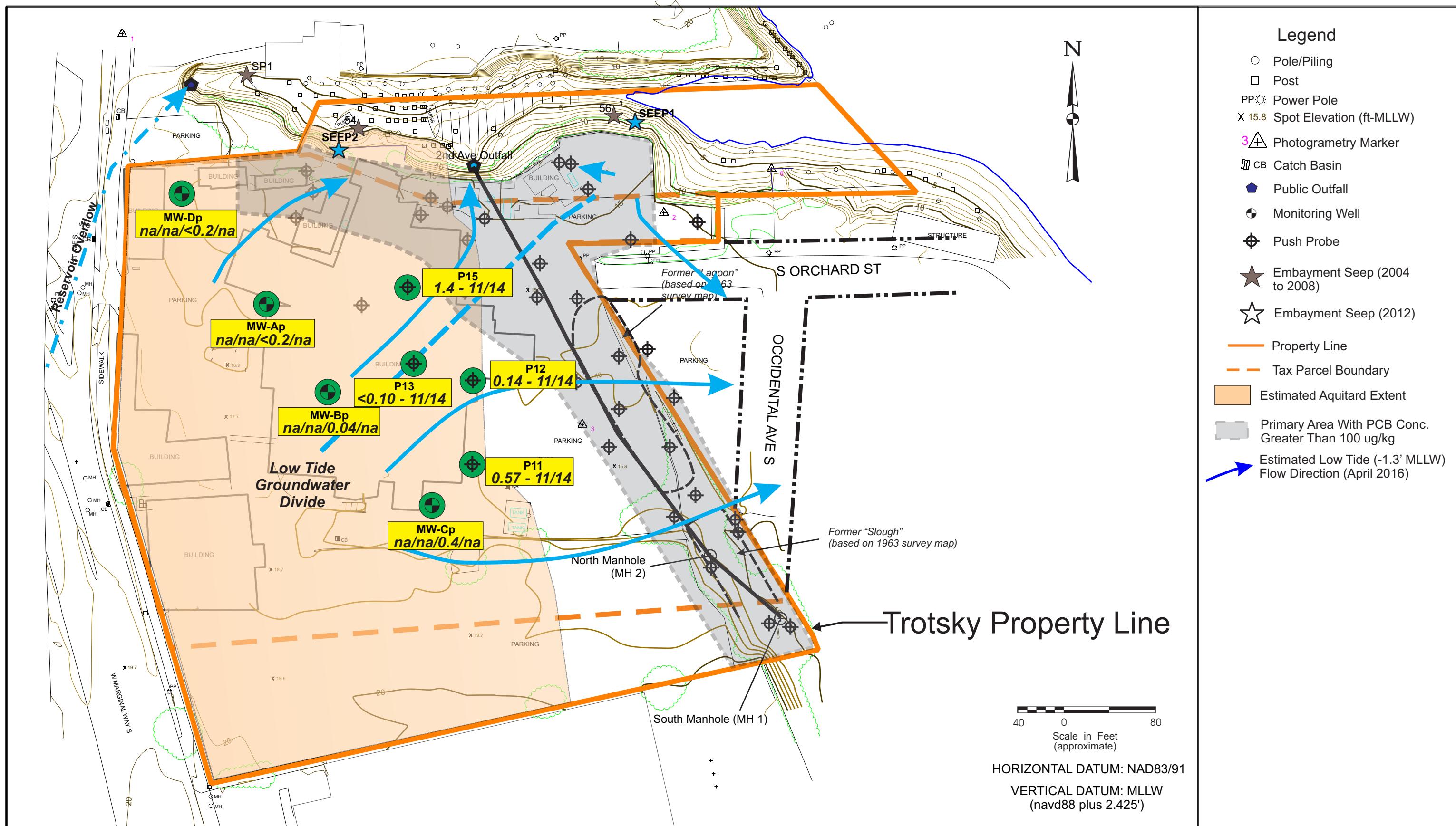
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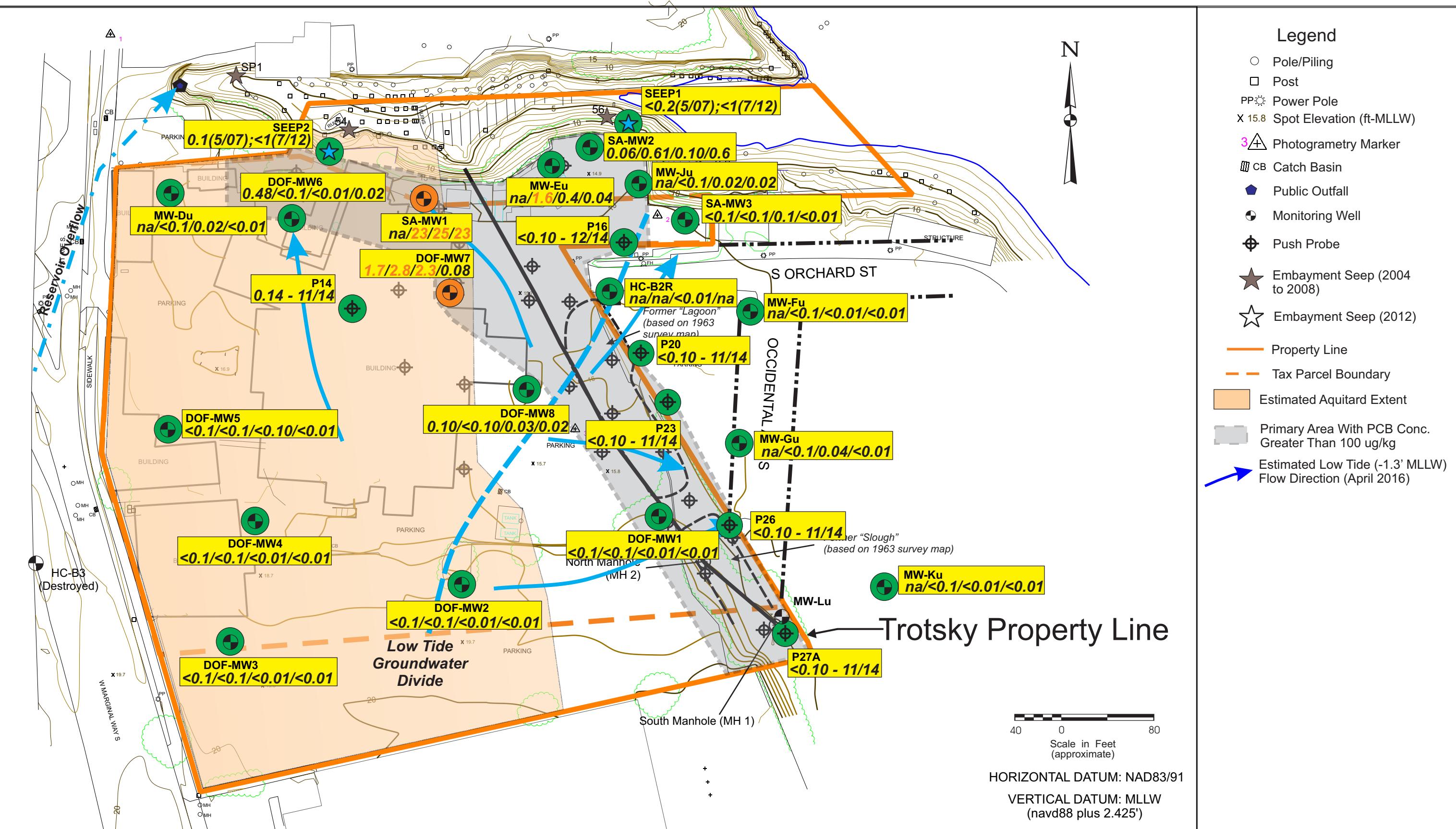
Dalton, Olmsted & Fuglevand, Inc.

**FIGURE
5-15b**





**FIGURE
5-16a**



● Concentration ≤ Screening Level (SL= 1.4* ug/l)
● Concentration > Screening Level (SL= 1.4* ug/l)

2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016)
na - Not Available; * Surface Water

ICS/NW Cooperage Site

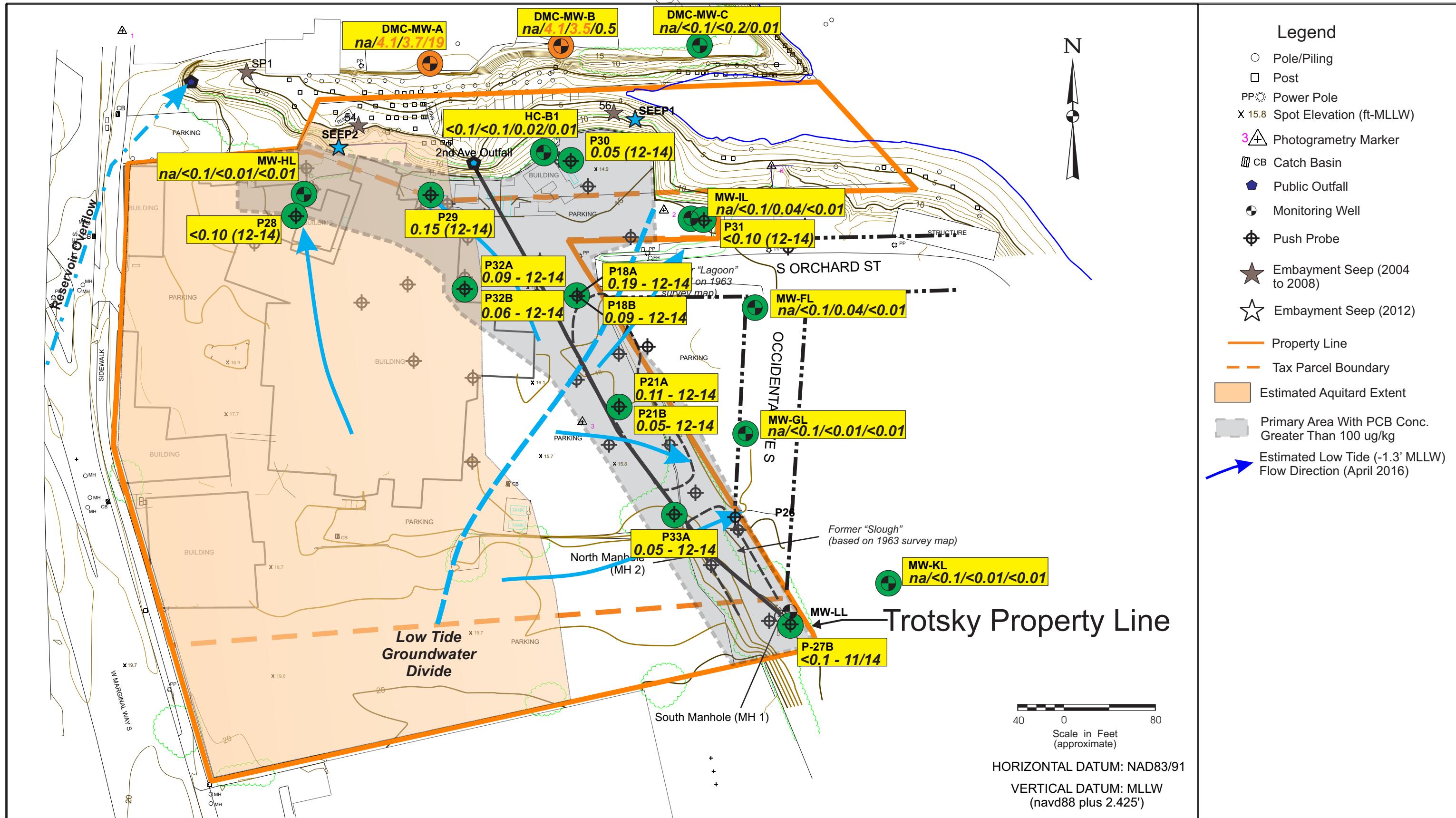
**Naphthalene Concentrations
Upper Zone**

SUM-008-00 (ICS)

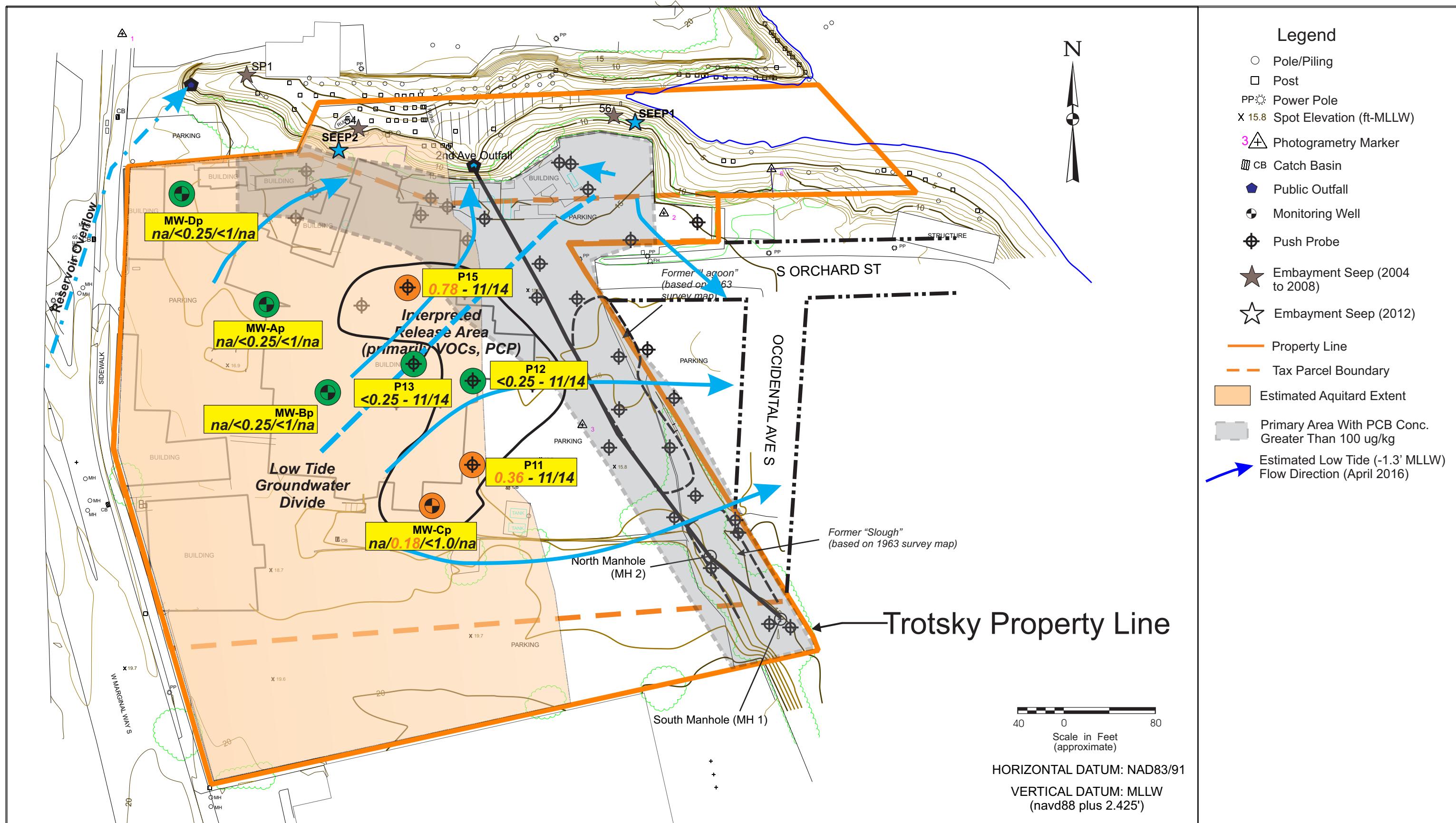
Mar. 2018

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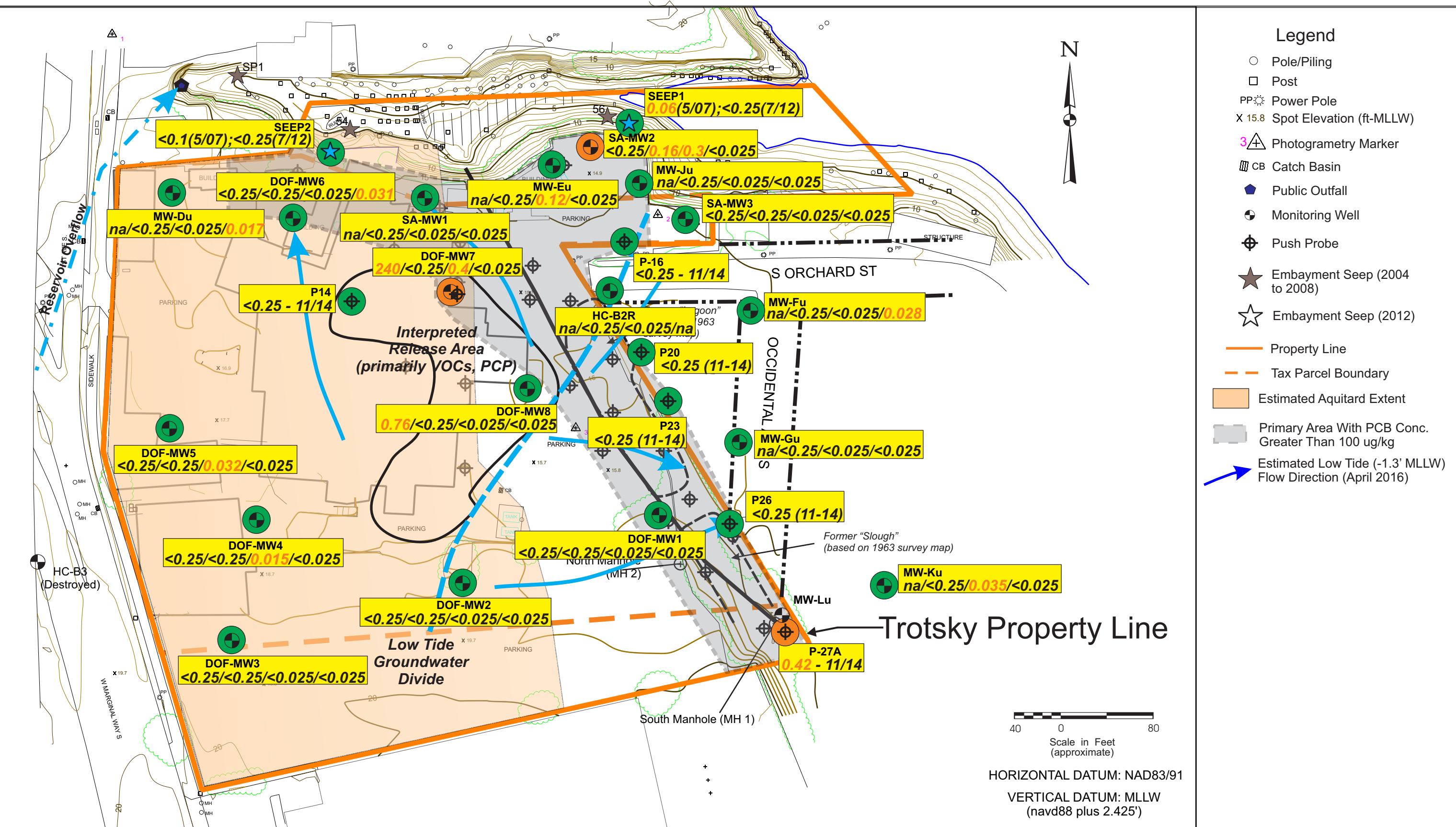
**FIGURE
5-16b**



**FIGURE
5-16c**



● Concentration ≤ Screening Level (SL= 0.002 ug/l - PQL=0.025 ug/l) 2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
● Concentration > Screening Level (SL= 0.002 ug/l - PQL=0.025 ug/l) na - Not Available



● Concentration ≤ Screening Level (SL= 0.002 ug/l - PQL=0.025 ug/l) 2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
● Concentration > Screening Level (SL= 0.002 ug/l - PQL=0.025 ug/l) na - Not Available

Ref: PCP GW Plot R1-R3rev.cdr

ICS/NW Cooperage Site

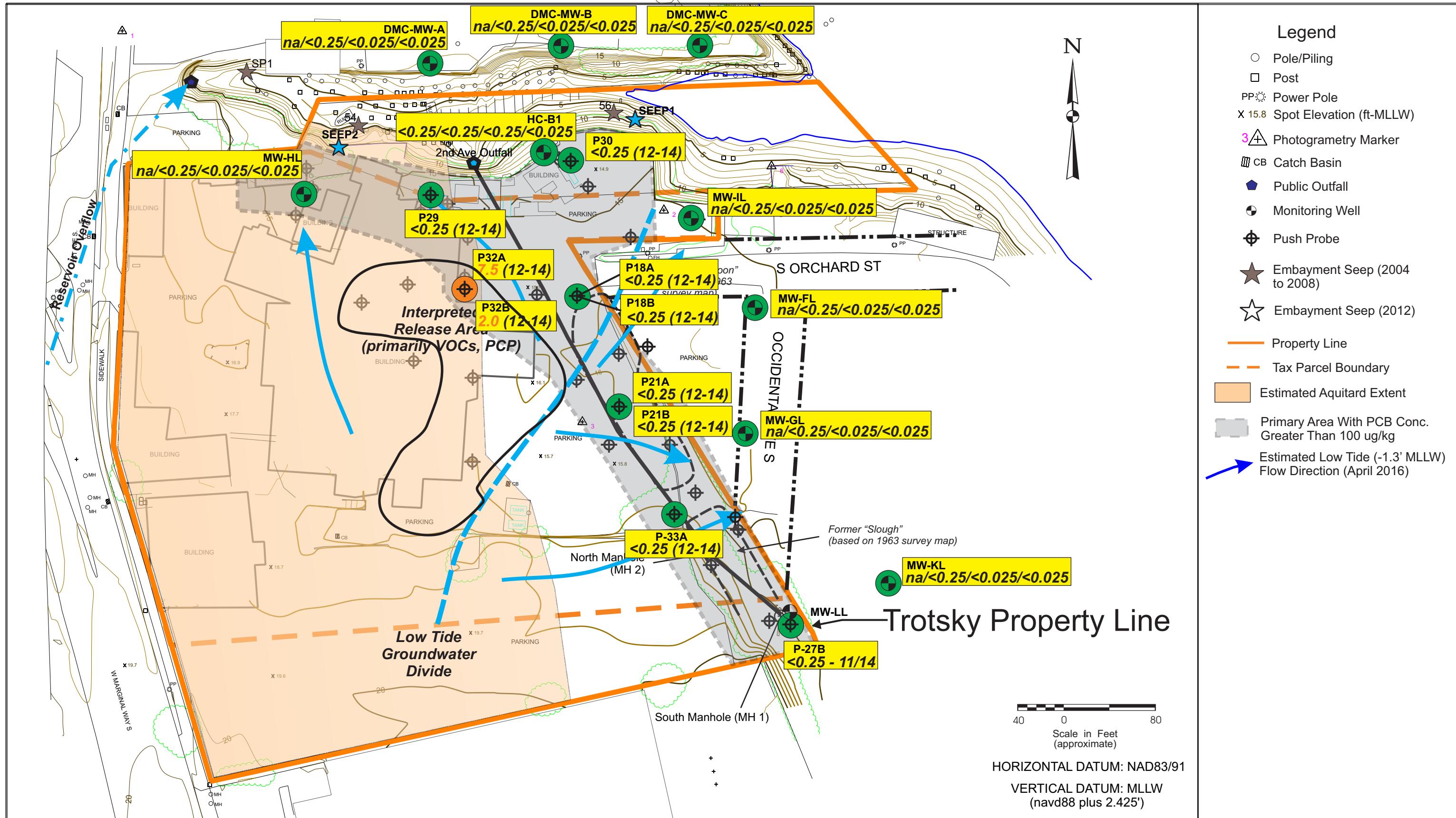
Pentachlorophenol Concentrations
Upper Zone

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**FIGURE
5-17b**



● Concentration ≤ Screening Level (SL= 0.002 ug/l - PQL=0.025 ug/l) 2.0/5.3/6.0/2.0 Concentration - ug/l (11-2012/11-2015/3-2016/9-2016)
● Concentration > Screening Level (SL= 0.002 ug/l- PQL=0.025 ug/l) na - Not Available