

Advocates for VHA Groundwater Plume Resolution Community Advisory Group Meeting

13 Nov 2019

Shannon Smith, PE
VHA CERCLA Program Manager
801-528-1565 x 2021

Marc Yalom, PG, CH x 6603
VHA CERCLA Technical Manager

Brooke Alpenglow x 2110
Community Support Contractor

VHASLCSuperfund@VA.gov

VA



U.S. Department
of Veterans Affairs

2019/2020 Indoor Air Sampling

- ❑ **16-20 Dec 2019:** Re-sample homes with detections above screening levels
 - Screening Levels – established to determine if additional data collection is required at a home

- ❑ **Sampling 13 Structures**
 - Collect 24-HR SUMMA samples
 - Collect long-term passive samples (~3 weeks)
 - Will require 3 visits to home
 - Turn off portable air purifier 48 hrs prior to sampling

Objective: Confirm indoor air concentrations are below Action Levels

2019/2020 Indoor Air Sampling

□ Jan 2020 – Major effort to increase participation in the Indoor Air sampling program

- Mail sample request letters to 240 homes
- Knock on doors to sign up residents
- Public Meeting – Jan 22nd
 - McGillis School Library
 - 6:30-8:00 pm



SUMMA Cannister – 24 hr sampler



Passive Samplers – 3 week sampler



Groundwater and Surface Water Monitoring Results



MW-03R	
Mar-19	µg/L
215-220 ft bgs	
PCE	30
TCE	ND
267-272 ft bgs	
PCE	230
TCE	< MCL
307-312 ft bgs	
PCE	6.3
TCE	ND
359-364 ft bgs	
PCE	ND
TCE	ND

MW-01	
Mar-19	µg/L
184-224 ft bgs	
PCE	200
TCE	< MCL
364-404 ft bgs	
PCE	ND
TCE	ND

MW-02	
Dec-18	µg/L
175-202 ft bgs	
PCE	160
TCE	ND

MW-04	
Dec-18	µg/L
143-173 ft bgs	
PCE	67
TCE	ND

MW-06	
Dec-18	µg/L
100-130 ft bgs	
PCE	ND
TCE	ND

New Well

Foothill Dr.

VA

Sunnyside Ave.

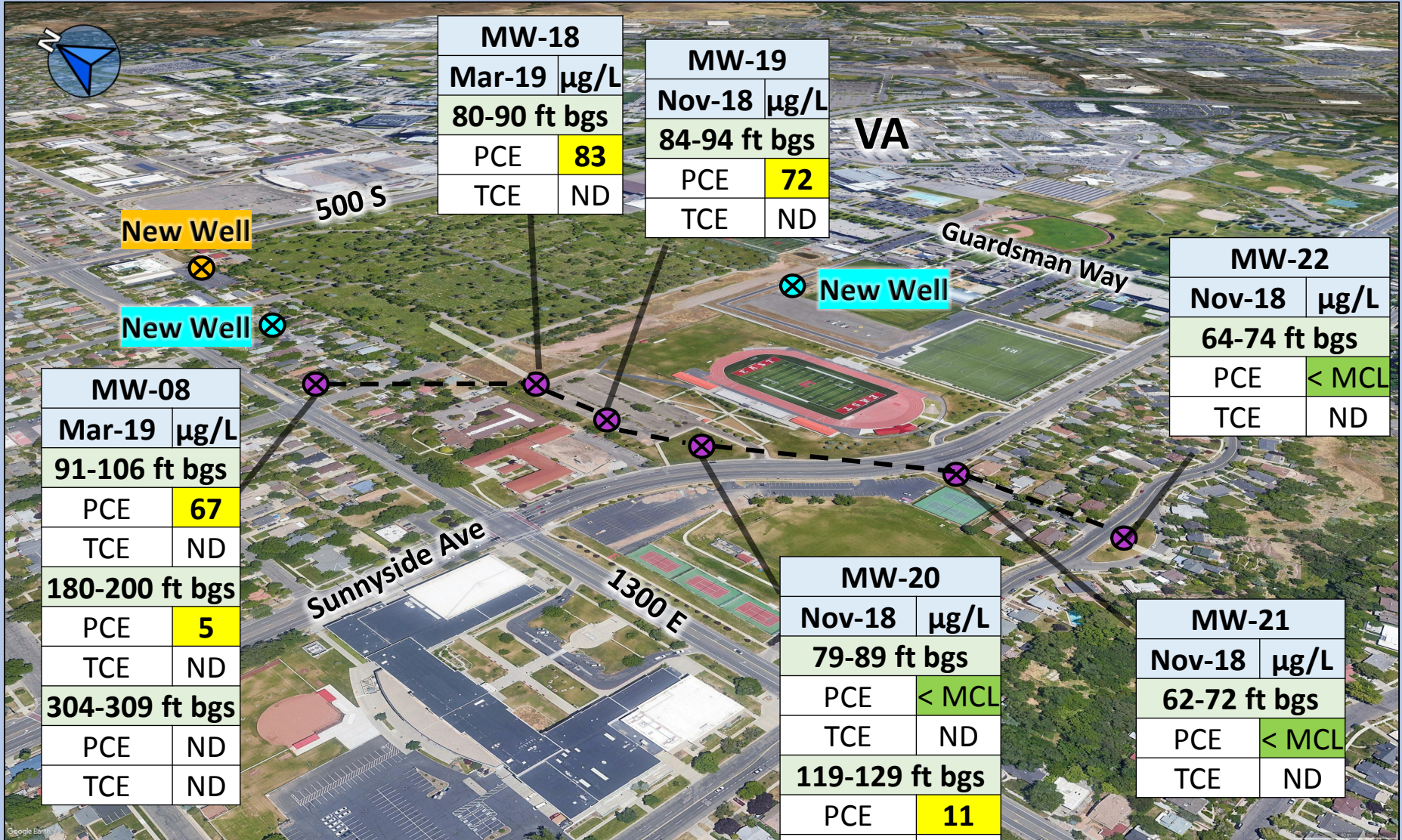
Guardsman Way

New Well

Monitoring Well

Notes:

MCL = Maximum Contaminant Level bgs = below ground surface
MCL PCE = 5 µg/L MCL TCE = 5 µg/L ND = Not Detected



MW-18	
Mar-19	µg/L
80-90 ft bgs	
PCE	83
TCE	ND

MW-19	
Nov-18	µg/L
84-94 ft bgs	
PCE	72
TCE	ND

MW-22	
Nov-18	µg/L
64-74 ft bgs	
PCE	< MCL
TCE	ND

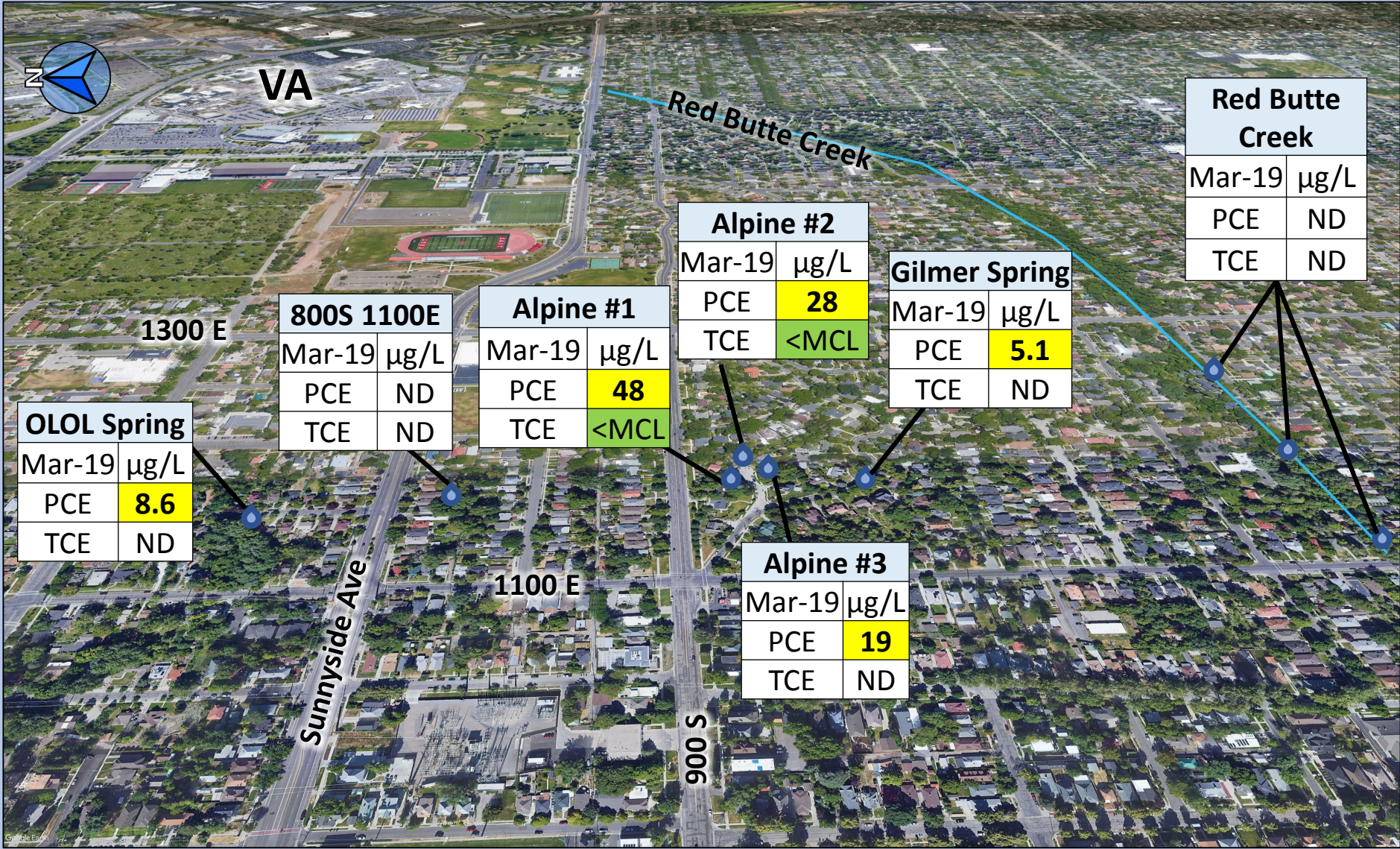
MW-08	
Mar-19	µg/L
91-106 ft bgs	
PCE	67
TCE	ND
180-200 ft bgs	
PCE	5
TCE	ND
304-309 ft bgs	
PCE	ND
TCE	ND

MW-20	
Nov-18	µg/L
79-89 ft bgs	
PCE	< MCL
TCE	ND
119-129 ft bgs	
PCE	11
TCE	ND

MW-21	
Nov-18	µg/L
62-72 ft bgs	
PCE	< MCL
TCE	ND

Notes:		
MCL = Maximum Contaminant Level	bgs = below ground surface	
MCL PCE = 5 µg/L	MCL TCE = 5 µg/L	ND = Not Detected

 **Monitoring Well**



Notes:
 MCL = Maximum Contaminant Level OLOL = Our Lady of Lourdes
 MCL PCE = 5 µg/L MCL TCE = 5 µg/L ND = Not Detected

2019/2020 Fieldwork Schedule

- ❑ **Nov 2019 – Groundwater Monitoring**
 - Collect samples from all wells
- ❑ **Jan 2020 – Drilling new wells on VA Campus**
 - 7 wells
- ❑ **Feb 2020 – Drilling new wells off VA Campus**
 - 2 wells
- ❑ **Summer 2020 – Additional wells off VA Campus**
 - Near Rowland Hall
 - North of Mt. Olivet Cemetery