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WILLIAMS AIR FORCE BASE

Site LF004 Landfill Remedial Action

BCT Conference Call
21 May2020

Battle Ready…Built Right!

ED_005025_00021828-00001

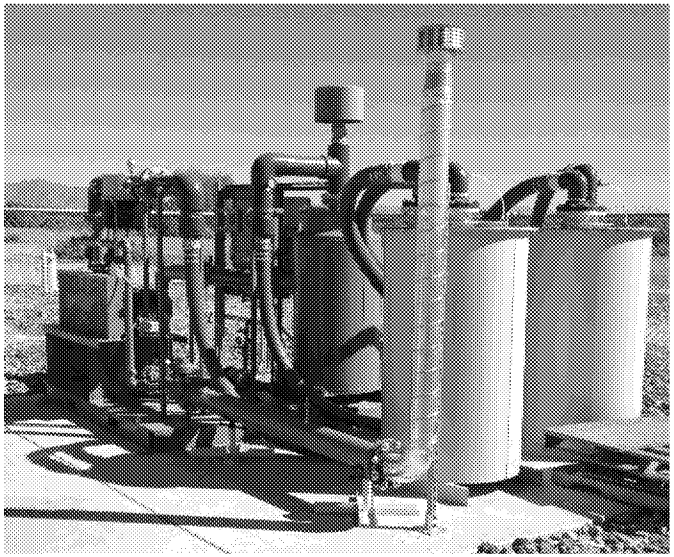
LF004 Recent and Upcoming Activities

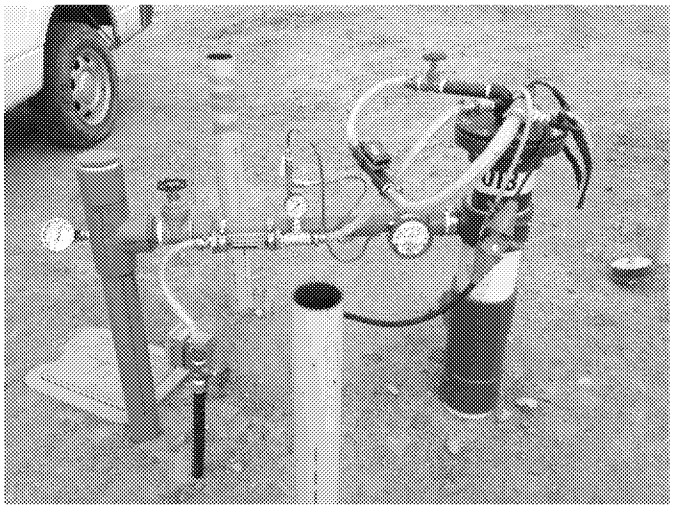
- Draft 2019 landfill inspection report under AF review
- SVE and well decommissioning documents submitted to EPA and ADEQ on 3 April 2020. ADEQ requested a time extension for reviewing document on 10 April 2020.
- PDB sampling results pending

ED_005025_00021828-00002

Site LF004
LF01-W17 Area IWAS System Update

- **Final November 2019 PDB results indicate all monitoring wells below the TCE MCL with the exception of LF01-W17S (7.9 µg/l) and LF01-W30M (10 µg/l)**
- **Previous May 2019 PDB for LF01-W17S (9 µg/l) and LF01-W30M (12 µg/l)**
- **Monitoring wells upgradient and downgradient of LF01-W17S and LF01-W30M are below TCE MCL**
- **PDB sampling results pending**





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Site LF004
Southern Area SVE and Oxidant Injection

- Final November 2019 PDB results indicate only three PCE MCL exceedances: W19S at 7.8 µg/l (dup 8.2 µg/l), W19D 5.6 µg/l (dup 5.4 µg/l), and W24M at 6.2 µg/l (dup 5.4 µg/l). Previous May 2019 PDB results for W19S 8.1 µg/l (dup 9.1 µg/l), W19D <1.0 µg/l and W24M 9.7 µg/l (dup 8.6 µg/l).
- Upgradient wells in the vicinity of W19 and downgradient wells in the vicinity of W24 are below the PCE MCL
- PDB sampling results pending

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Site FT002
Fire Training Area Remedial Action

BCT Conference Call
21 May 2020

Site FT002 Update

- AF approved keeping the DEUR in place Nov 2018
- Draft Explanation of Significant Differences (ESD) document to add the land use control to the ROD is under AF review
- Revised Final Remedial Action Completion Report submitted 22 Nov 2019
- Received EPA comment letter on 31 Dec 2019. Received ADEQ comments on 12 Feb 2020. Response to comments under internal AF review.
- Draft ESD submitted for AF legal review April 2020
- SVE wells decommissioning completed on 14 May 2020

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Site SS017

Old Pesticide/Paint Shop

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21 May 2020

Site SS017 Groundwater Monitoring Update

- Final Q3 (Aug) 2018 data summary report submitted 23 Apr 2020
- Final annual (Nov) 2018 groundwater report submitted 23 Apr 2020
- Final Q2 (Jun) 2019 data summary report submitted 23 Apr 2020
- Final Q3 (Aug) 2019 data summary report submitted 24 Apr 2020
- Draft Q4 (Nov) 2019 annual report submitted for regulatory review 27 Apr 2020

Parcel K-1-2 Property Transfer

- FOST (final version in track changes responding to EPA comments) was issued via email for regulatory concurrence 24 Jul 2019 with follow up email 9 Aug 2019
- FOST clean copy with all revisions, responses to comment and ADEQ requested changes issued 15 Oct 2019
- ADEQ concurrence previously received. EPA concurrence letter received 19 Dec 2019
- Final FOST is being routed for AF signature in April 2020
- Draft DEUR and assignment package to be prepared

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Site ST012

Former Liquid Fuel Storage Area

BCT Conference Call

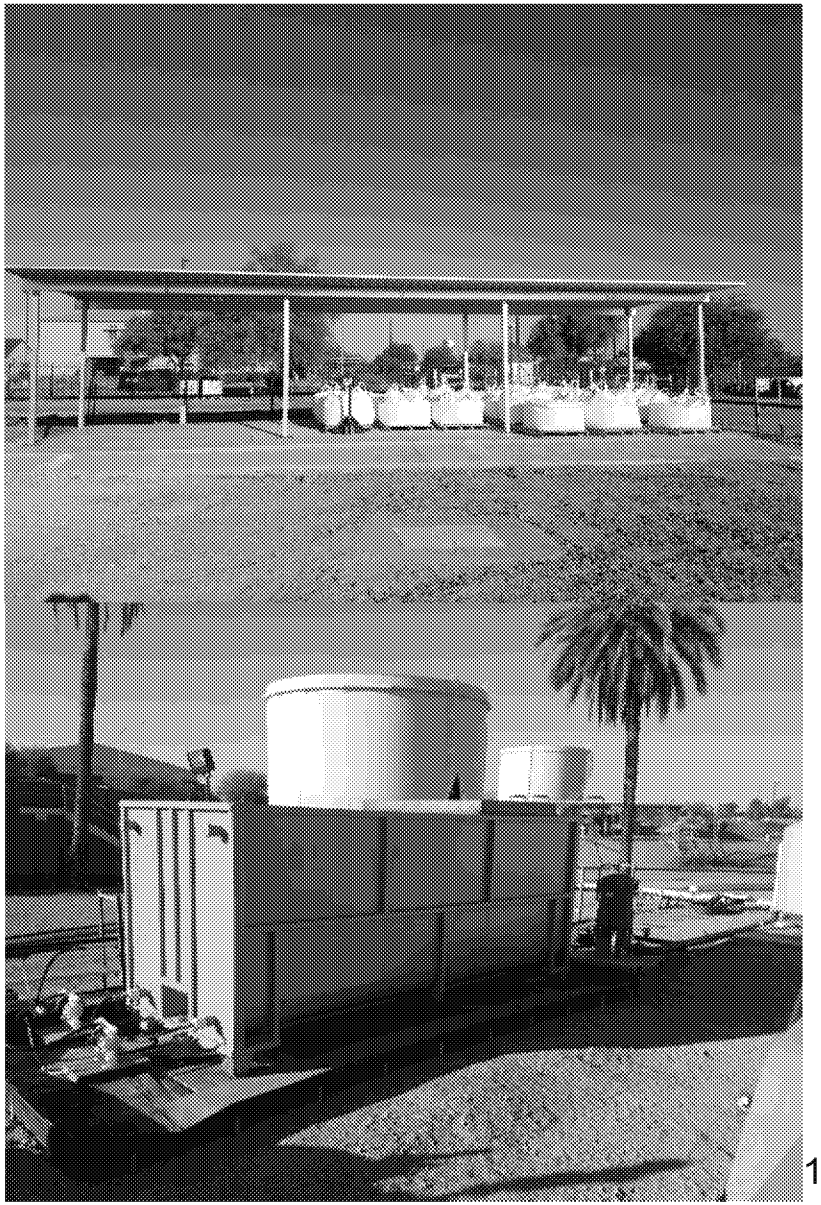
21 May 2020

Site ST012 Outline

- Summary of activities since April BCT call
- LNAPL removal update
- Update on benzene and sulfate concentrations
- Pilot study extraction/injection update
- Path forward

Site ST012 Activities Since Feb

- **SVE Rotation on 7 May 2020, current status:**
  - Extraction wells: SVE03S, SVE03M, SVE03D, SVE09S, SVE11, and SVE14
  - Venting wells: SVE01S, SVE01M, SVE01D, SVE02M, SVE04M, SVE07S, SVE07M, SVE07D, and SVE13
  - Closed wells: SVE02S, SVE02D, SVE04S, SVE04D, SVE05S, SVE05M, SVE05D, SVE06S, SVE06M, SVE06D, SVE08S, SVE08M, SVE08D, SVE09M, SVE09D, SVE10, and SVE12
- **LNAPL screening in select wells**
- **Pump Repairs**
  - UWBZ21 continued with limited pumping due to high temperatures
  - UWBZ22 pneumatic pump plugging
  - UWBZ30 shut down due to sulfate arrival
  - CZ07 Motor replaced and pipe repaired
  - CZ23 has had sporadic electrical errors



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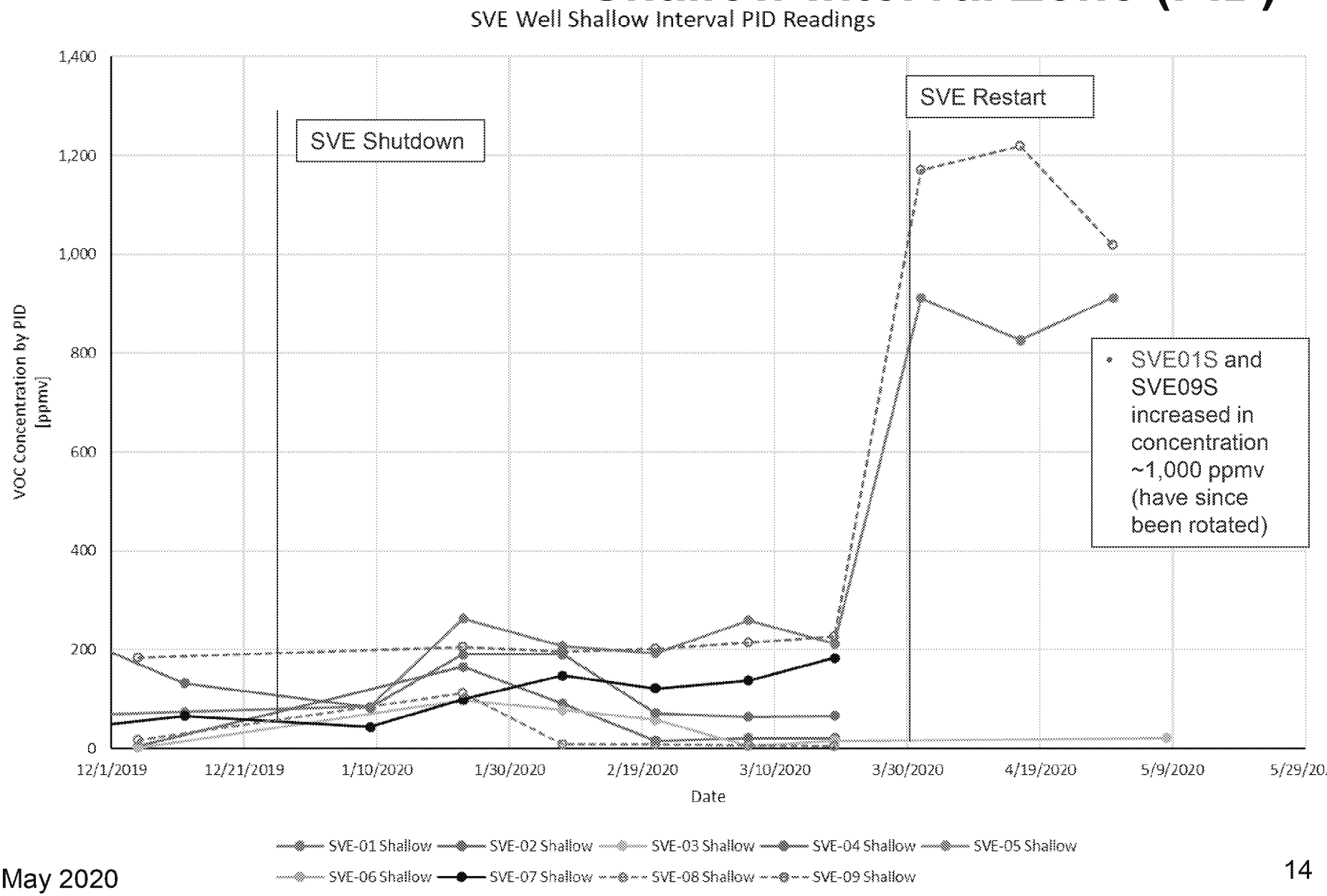
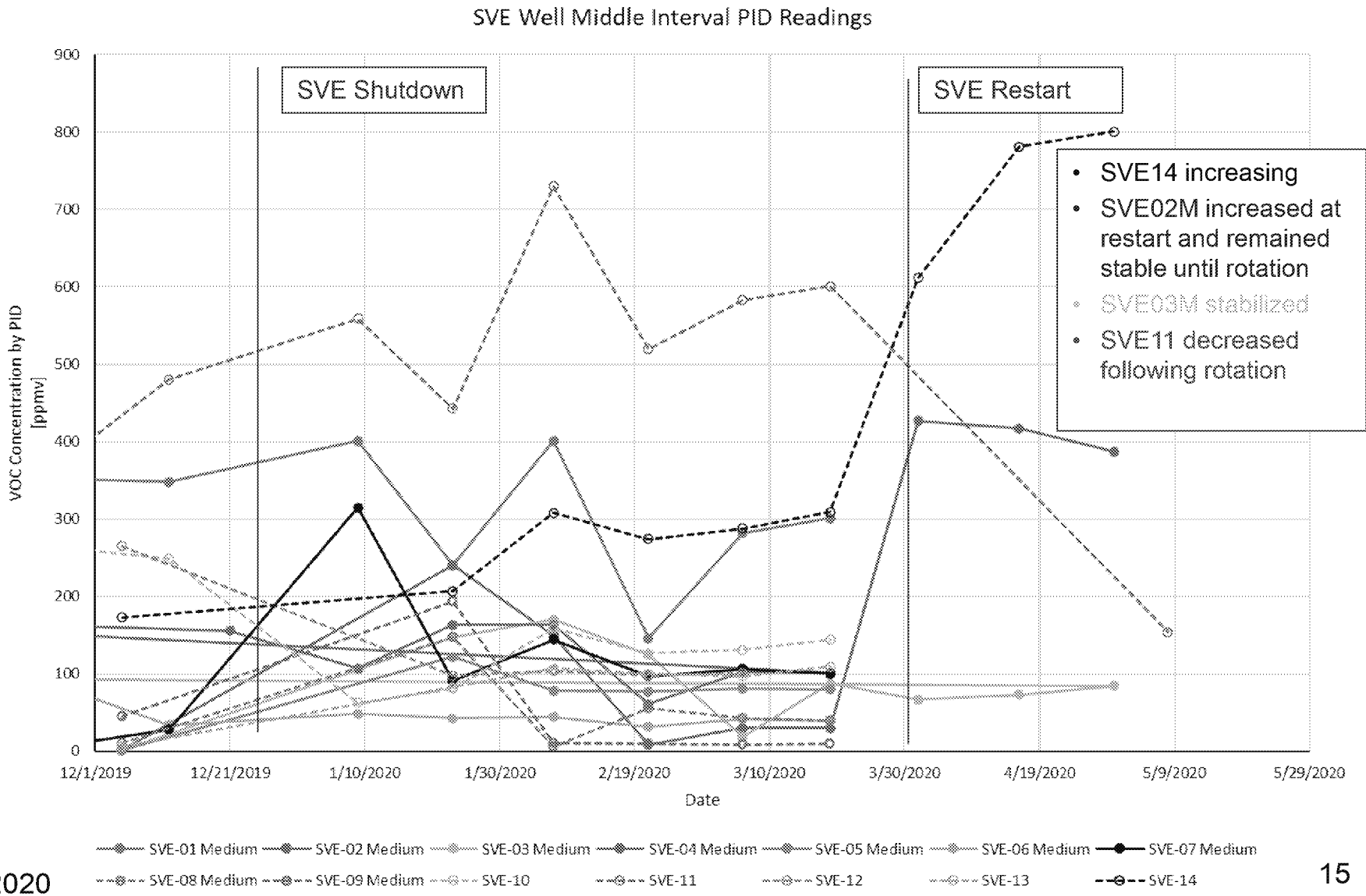
SVE Update

ED_005025_00021828-00013

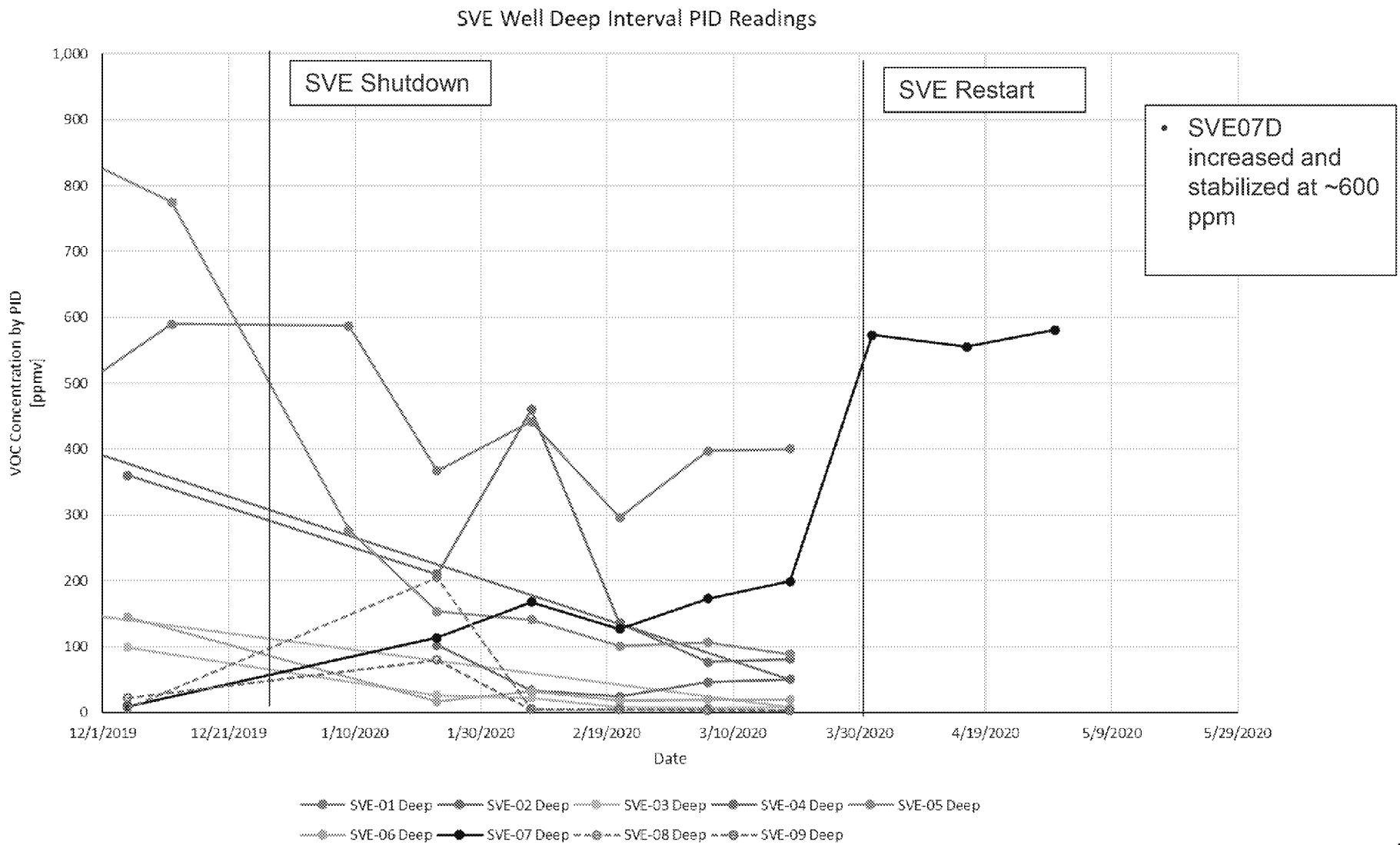
Site ST012 SVE System Post-Rebound Shallow Interval Zone (PID)



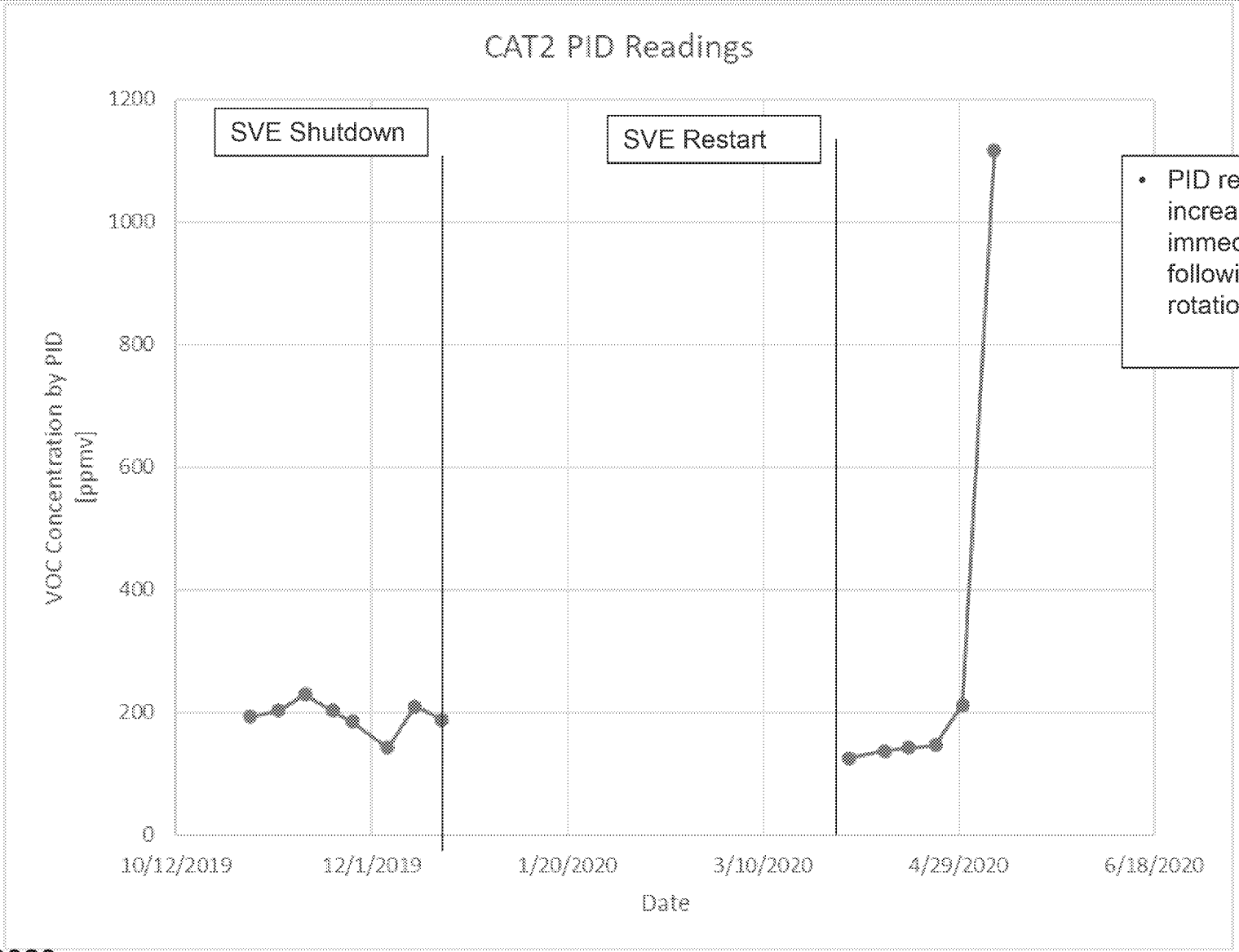
Site ST012 SVE System Post-Rebound Middle Interval Zone (PID)



Site ST012 SVE System Post-Rebound Deep Interval Zone (PID)

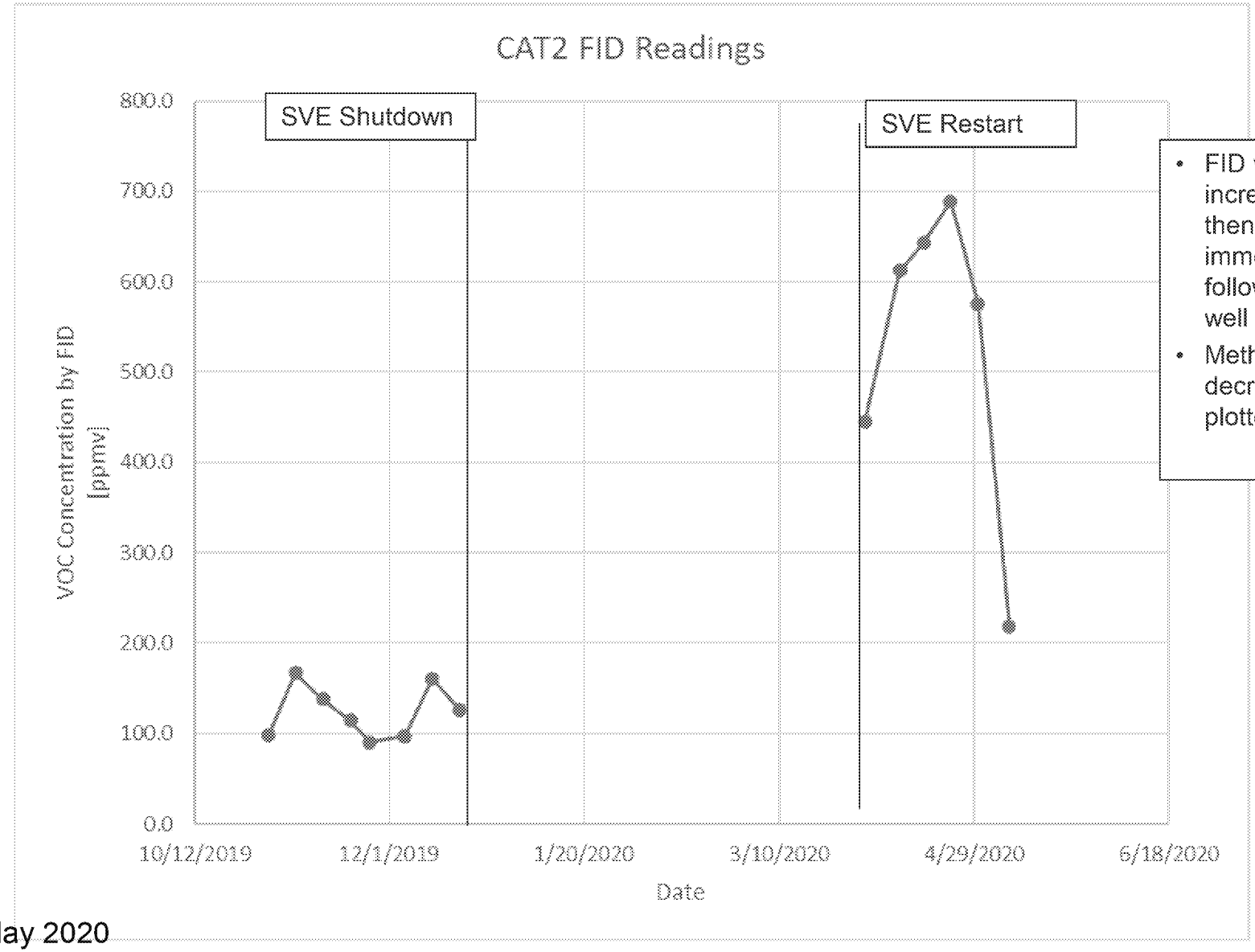


Site ST012 SVE System Post-Rebound CAT 2 (PID)



- PID readings increased immediately following well rotation

Site ST012 SVE System Post-Rebound CAT 2(FID)



- FID was increasing and then decreased immediately following SVE well rotation
- Methane also decreased (not plotted)

Site ST012 SVE Wells Rotation May

- Vacuum readings collected from venting wells at to rotation (prior to rotation unless noted)
- Shallow Zone
  - SVE01S vented – 0.7” H2O
  - SVE07S vented – 2.7” H2O
- Medium Zone
  - SVE02M vented and measured after rotation – 15.4” H2O
- Deep Zone
  - SVE01D vented – 0.5” H2O
  - SVE07D vented – 2.2” H2O
- Vacuum readings indicate venting wells are likely pulling in some air
- Readings still to be collected in other venting SVE wells in medium zone

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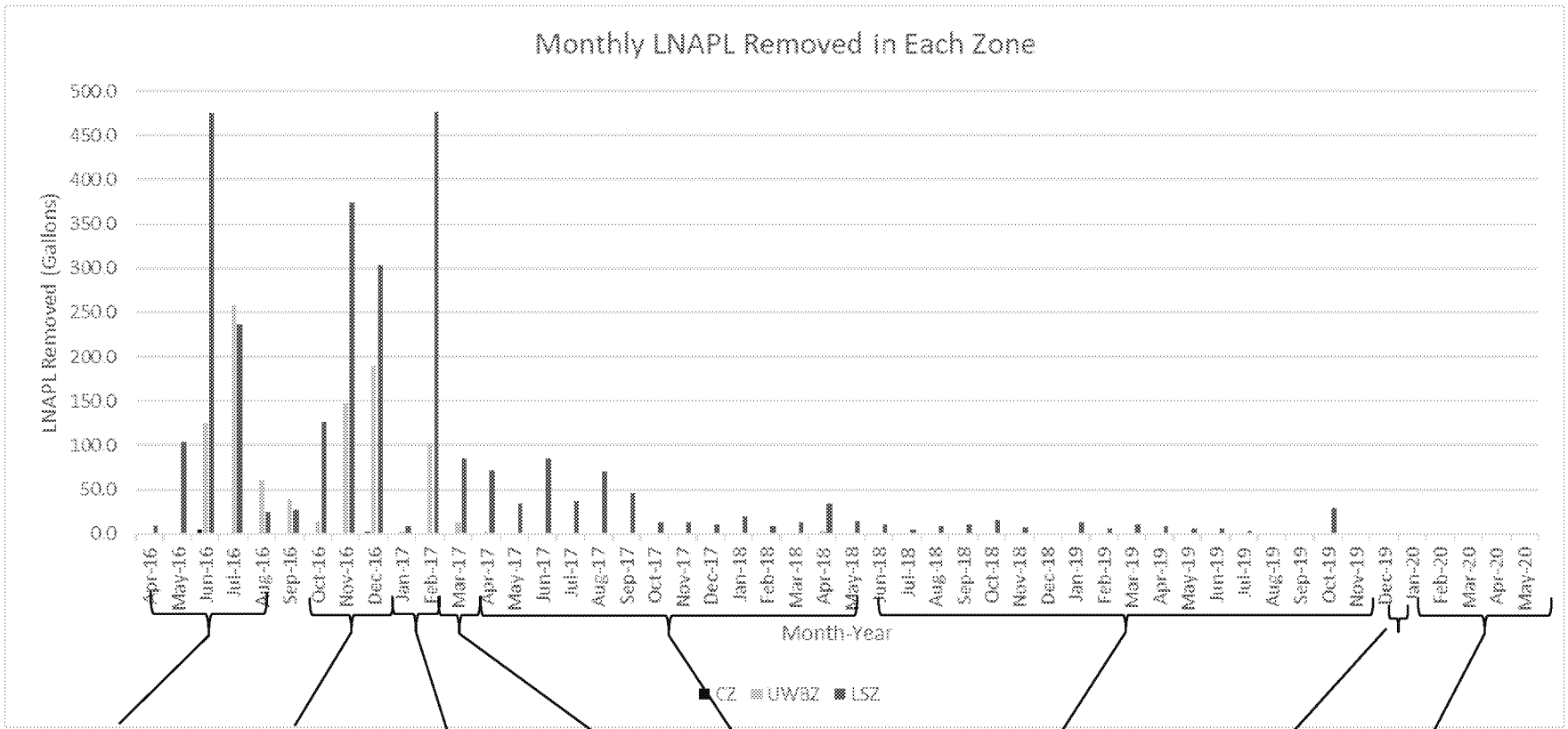
LNAPL Removal Update (through 13 May)

ED_005025_00021828-00020

ST012 LNAPL Removal Summary

- CZ – 7.75 gallons of LNAPL removed. None since Feb 2020
- UWBZ – 963 gallons of LNAPL removed. None since Apr 2019
- LSZ – 2,875 gallons of LNAPL removed. 0.5 since Apr 2020 (LSZ36)



Removal following initial eductor removals

Removal following remaining eductor removals

Diminished removal due to pump failure

Recovery following pump replacement

<100 gal/mo

<20 gal/mo

30 gal from LSZ43 during pump maintenance

<1 gal/mo

Preliminary Second Quarter Groundwater Sampling Results

ED_005025_00021828-00022

Sampling Summary

- **Sampling includes:**
  - Extraction Wells
  - Injection Wells (where injections took place)
  - Monitoring Wells (in areas where injections took place)
  - Perimeter Wells
- **General Observations**
  - New sulfate results in since last update

Site ST012 Benzene (µg/L) in CZ for Q1-Q2 2020

- CZ23 increased above MCL in April sample, corresponding with time frame of pump motor failure and replacement

ST012-CZ23
18 D / 18 D ↑
4/23/20

ST012-C02
0.99 J/ 1.1
1/15/20

ST012-CZ07
240 ↑
4/20/20

ST012-CZ08
78 D
1/23/20

ST012-CZ09
490
10/30/19

ST012-CZ01

ST012-SVE04 DEEP
650
Apr-18

ST012-CZ02
5.9/ 6.3
11/26/19

ST012-CZ10

ST012-CZ11
220
Apr-18

ST012-CZ12
590
Apr-18

ST012-CZ13

ST012-CZ14
9.5
10/30/19

ST012-CZ18
180 D ↑
4/23/20

ST012-CZ15
210 D
1/28/20

ST012-CZ04

ST012-CZ03

ST012-CZ21
36
10/25/19

ST012-CZ24
0.4 U
4/16/20

ST012-CZ06
2.5 ↓
4/9/20

ST012-CZ16
190
Apr-18

ST012-CZ05

ST012-CZ22
1.0 U
Oct-18

ST012-CZ20
0.4 U
2/3/20

ST012-CZ19
8.4
2/7/20

ST012-CZ17

ST012-CZ25
0.4 U
1/22/20

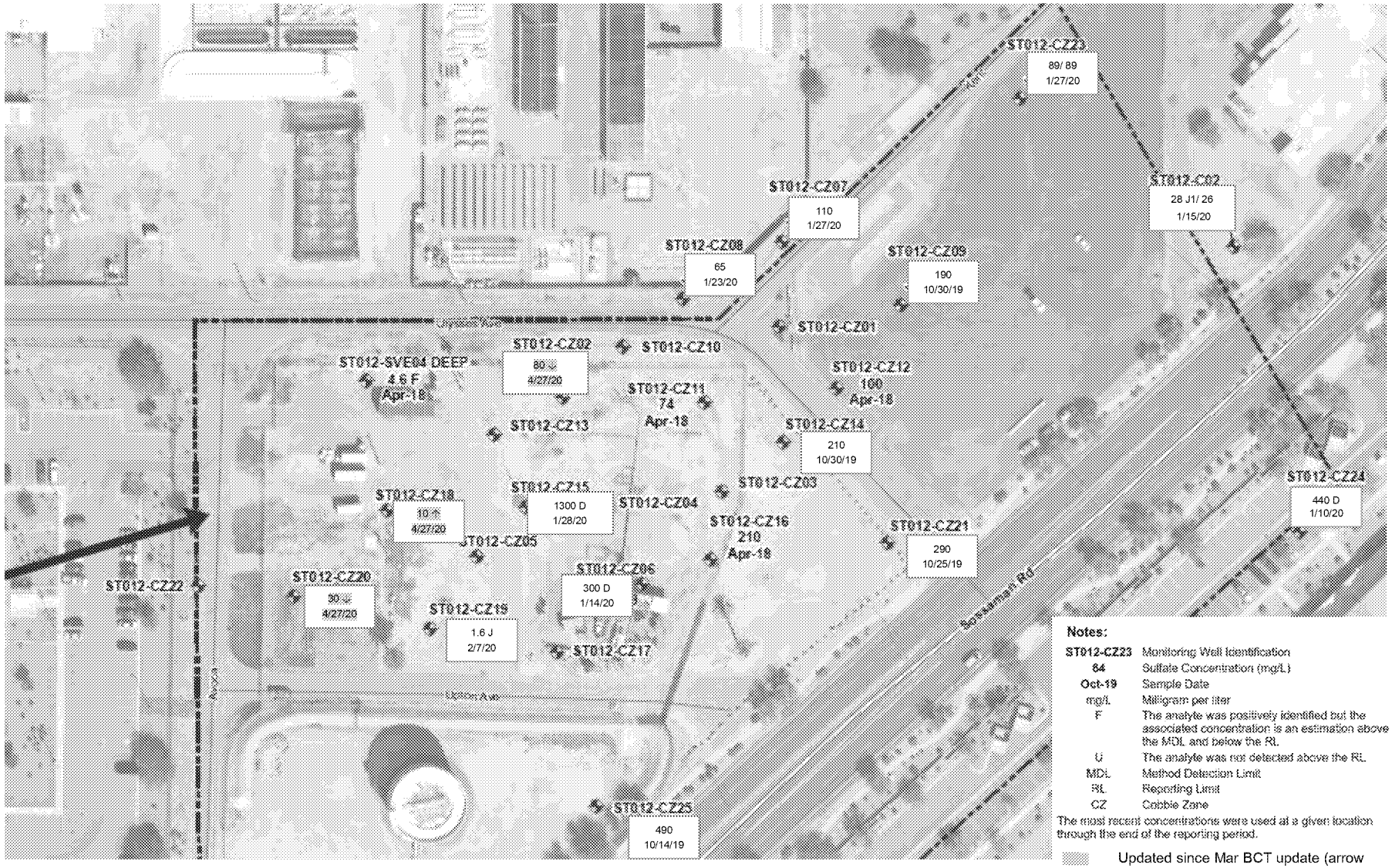
Notes:

ST012-CZ23	Monitoring Well Identification
4.3	Benzene Concentration (µg/L)
<1.0	Not detected at or above the RL
Jul-19	Sample Date
µg/L	Microgram per liter
F	The analyte was positively identified but the associated concentration is an estimation above the MDL and below the RL
U	The analyte was not detected above the RL
MDL	Method Detection Limit
RL	Reporting Limit
CZ	Cobble Zone

The most recent concentrations were used at a given location through the end of the reporting period.

	Updated since Mar BCT update (arrow indicates direction of change from previous result)
D	Sample was diluted

Site ST012 Sulfate (mg/L) in CZ for Q1-Q2 2020



Notes:

ST012-CZ23	Monitoring Well Identification
84	Sulfate Concentration (mg/L)
Oct-19	Sample Date
mg/L	Milligram per liter
F	The analyte was positively identified but the associated concentration is an estimation above the MDL and below the RL
U	The analyte was not detected above the RL
MDL	Method Detection Limit
RL	Reporting Limit
CZ	Cobble Zone

The most recent concentrations were used at a given location through the end of the reporting period.

Updated since Mar BCT update (arrow indicates direction of change from previous result)

D Sample was diluted

EBR Treatment Area in CZ for Q1-Q2 2020

ST012-CZ23
ST012-CZ07
ST012-C02
ST012-CZ08
ST012-CZ09
ST012-CZ01
Ulysses Ave
ST012-CZ10
ST012-CZ24
DEEP
ST012-CZ02
ST012-CZ11
ST012-CZ12
ST012-CZ13
ST012-CZ14
ST012-CZ18
ST012-CZ15
ST012-CZ04
ST012-CZ03
ST012-CZ21
ST012-CZ24
ST012-CZ06
ST012-CZ16
ST012-CZ22
ST012-CZ20
ST012-CZ06
ST012-CZ19
ST012-CZ17
Upton Ave
Avocado
ST012-CZ25

Legend

- Groundwater Monitoring Well Location Screened in the CZ
- ST012 Site Boundary
- Extraction Well
- Inactive Extraction Well
- Injection Well
- Groundwater Monitoring Well
- Perimeter Groundwater Monitoring Well
- All Other Wells
- Bart Results (cfu/mL)
- Field Sulfate Concentrations (mg/L)
- Lab Sulfate Concentrations (mg/L)
- Benzene Concentrations (ug/L)
- Benzene Concentration greater than 500ug/L
- Area of sulfate distribution by injections (generally indicated by injection locations and measured sulfate concentrations greater than 500 mg/L
- Previous area of sulfate distribution from Dec BCT update

Data Qualifier Definitions:

U The compound was analyzed for but not detected above the reporting limit.

F The analyte was detected, estimated above the method detection limit and below the reporting limit.

D Sample was diluted

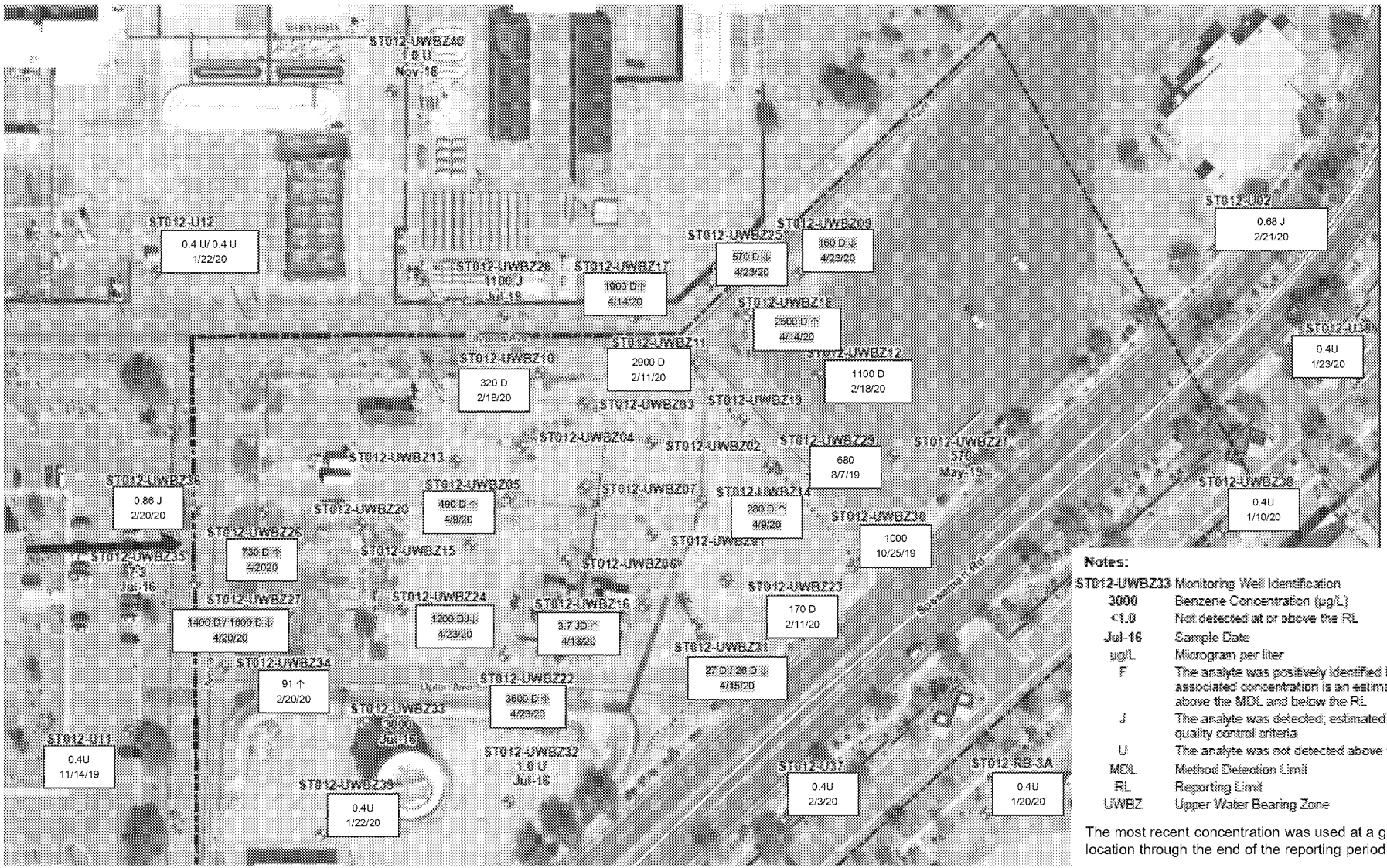
Notes:

ST012-CZ23 Monitoring Well Identification

CZ Cobble Zone

- C02 and CZ20 previously tested for degrader populations by qPCR

Site ST012 Benzene (µg/L) in UWBZ for Q1-Q2 2020



Notes:

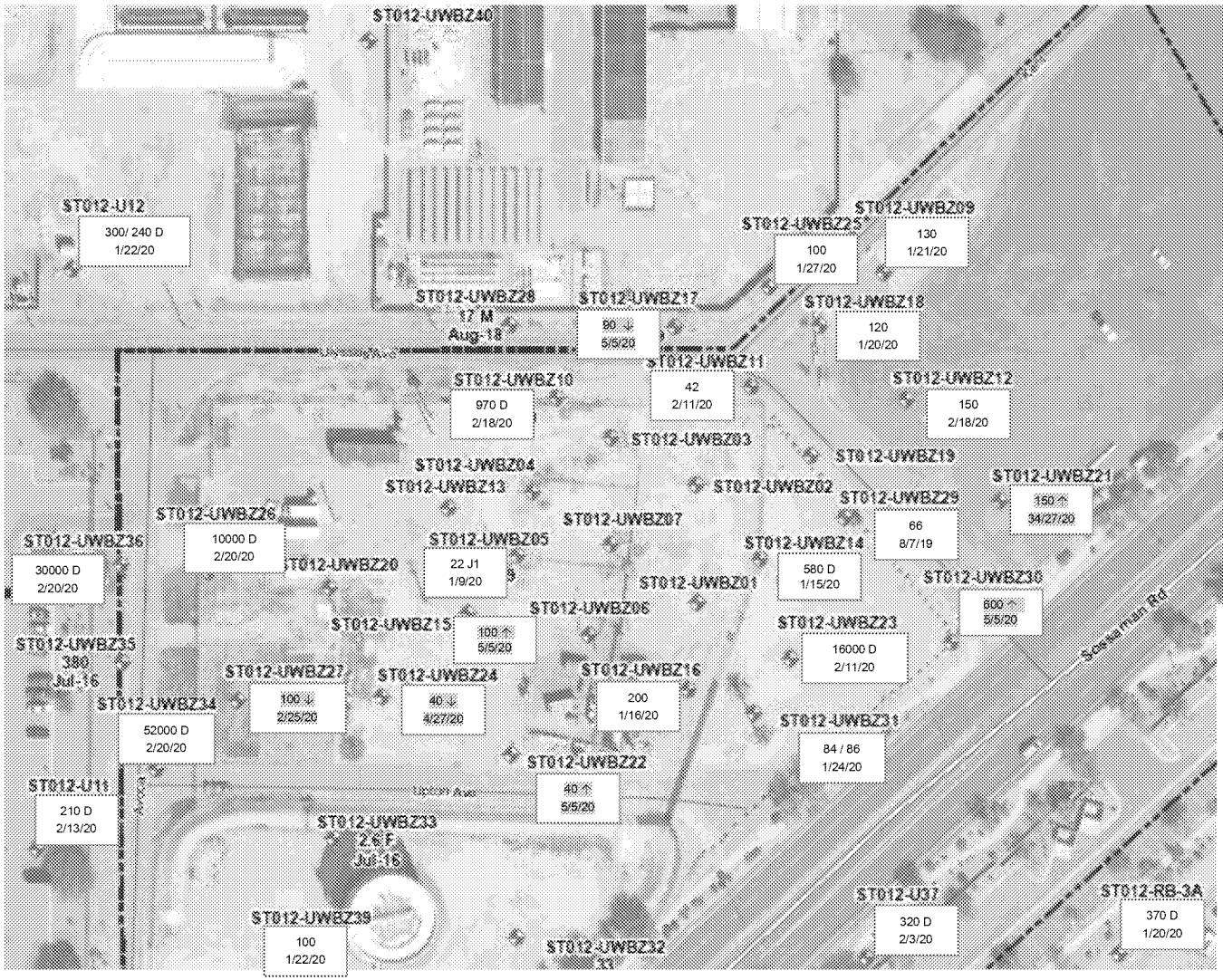
ST012-UWBZ33	Monitoring Well Identification
3000	Benzene Concentration (µg/L)
<1.0	Not detected at or above the RL
Jul-16	Sample Date
µg/L	Microgram per liter
F	The analyte was positively identified but the associated concentration is an estimation above the MDL and below the RL
J	The analyte was detected; estimated due to quality control criteria
U	The analyte was not detected above the RL
MDL	Method Detection Limit
RL	Reporting Limit
UWBZ	Upper Water Bearing Zone

The most recent concentration was used at a given location through the end of the reporting period.

Updated since Mar BCT update (arrow indicates direction of change from previous result)

D Sample was diluted

Site ST012 Sulfate (mg/L) in UWBZ for Q1-Q2 2020



Notes:

ST012-UWBZ33	Monitoring Well Identification
2.6 F	Sulfate Concentration (mg/L)
Jul-16	Sample Date
mg/L	Milligram per liter
F	The analyte was positively identified but the associated concentration is an estimation above the MDL and below the RL
U	The analyte was not detected above the RL
M	Manual Integrated Compound
MDL	Method Detection Limit
RL	Reporting Limit
UWBZ	Upper Water Bearing Zone

The most recent concentrations were used at a given location through the end of the reporting period.

Updated since Mar BCT update (arrow indicates direction of change from previous result)

D Sample was diluted

EBR Treatment Areas in UWBZ for Q1-Q2 2020

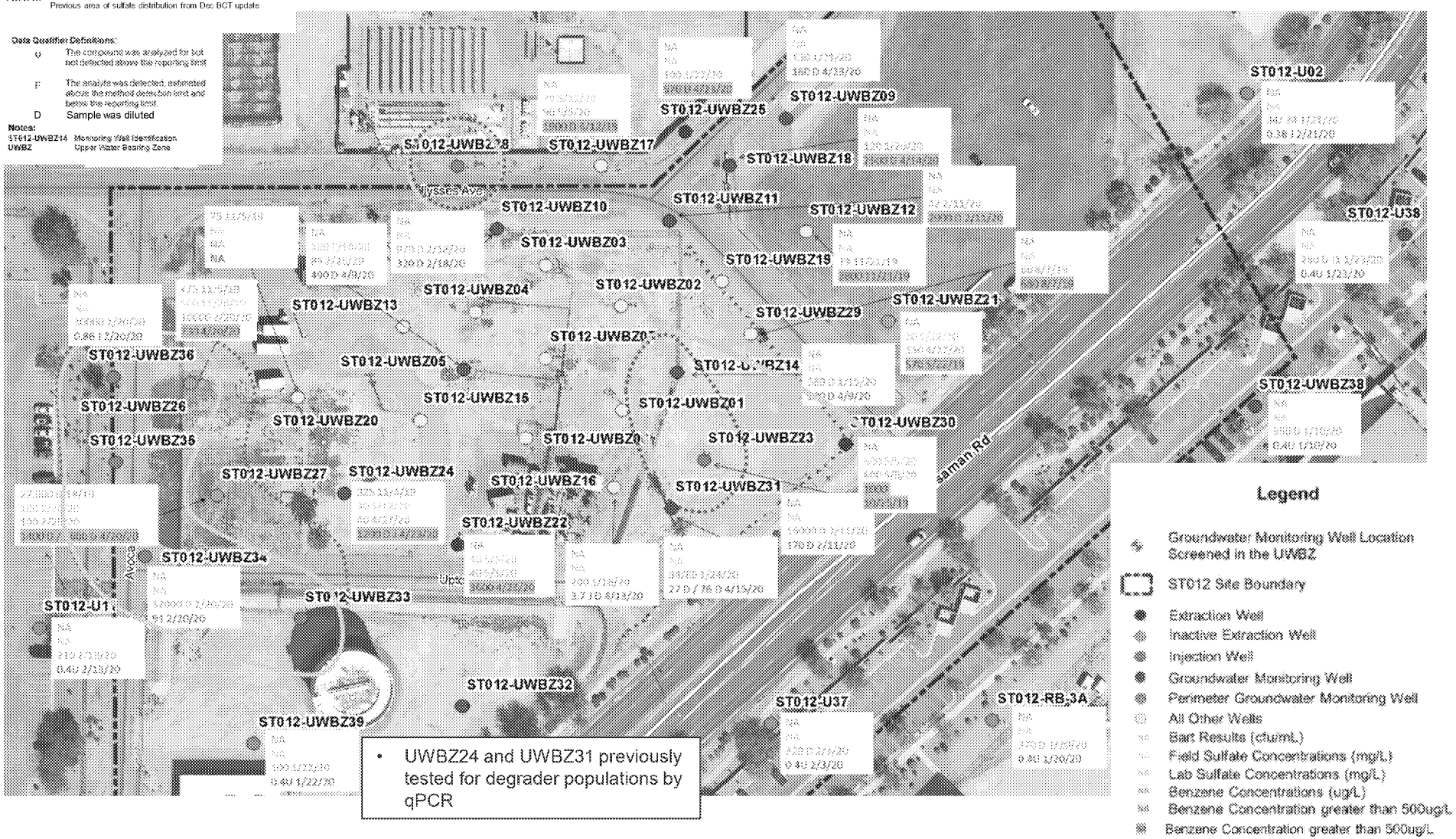
Area of sulfate distribution by injections (generally indicated by injection locations and measured sulfate concentrations greater than 500 mg/L
Previous area of sulfate distribution from Dec BCT update

Data Qualifier Definitions:

- U The compound was analyzed for but not detected above the reporting limit
- J The analyte was detected, estimated above the method detection limit and below the reporting limit.
- D Sample was diluted

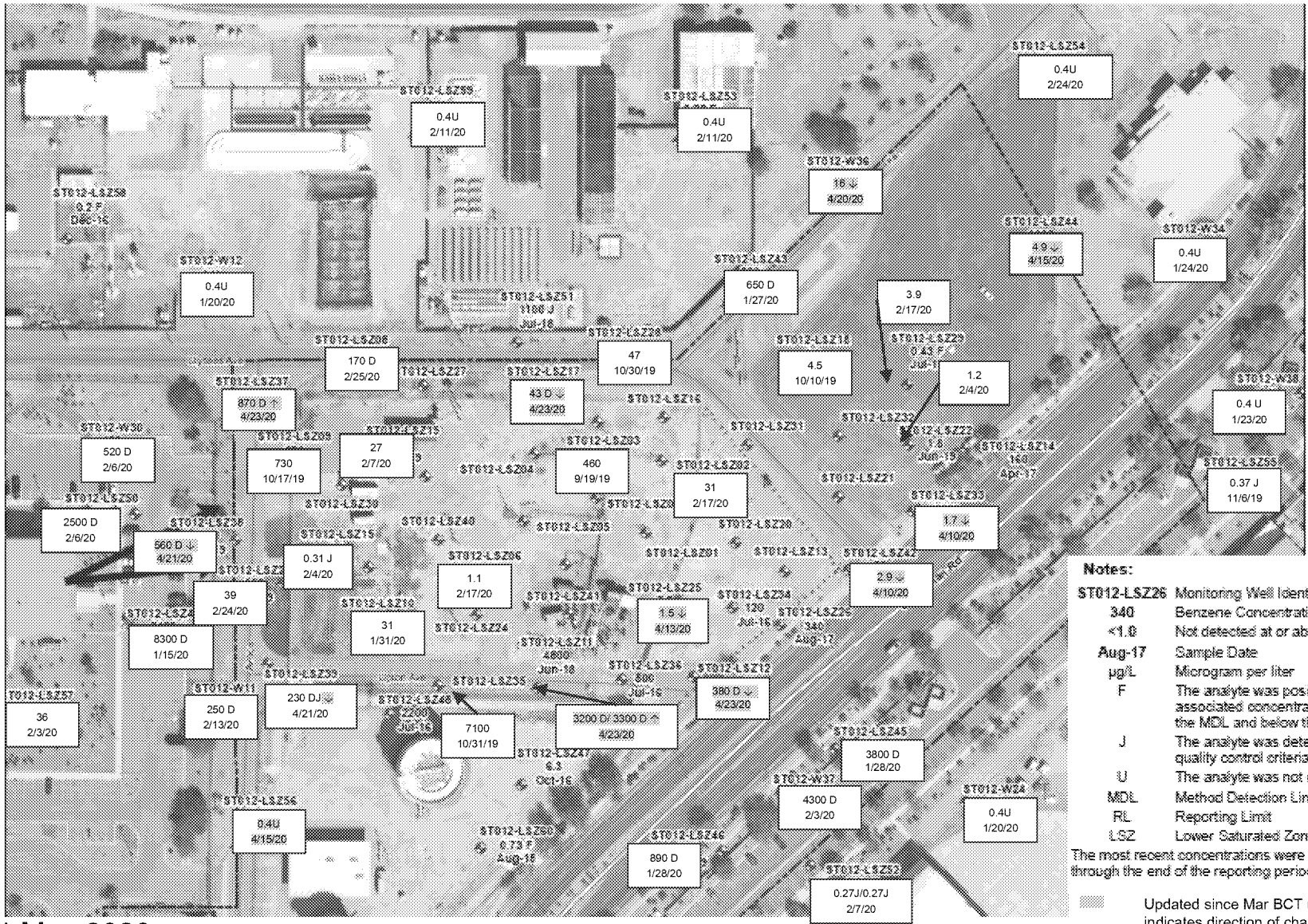
Notes:

- ST012-UWBZ14 Monitoring Well Identification
- UWBZ Upper Water Bearing Zone



- UWBZ24 and UWBZ31 previously tested for degrader populations by qPCR

Site ST012 Benzene (µg/L) in LSZ for Q1-Q2 2020



Notes:

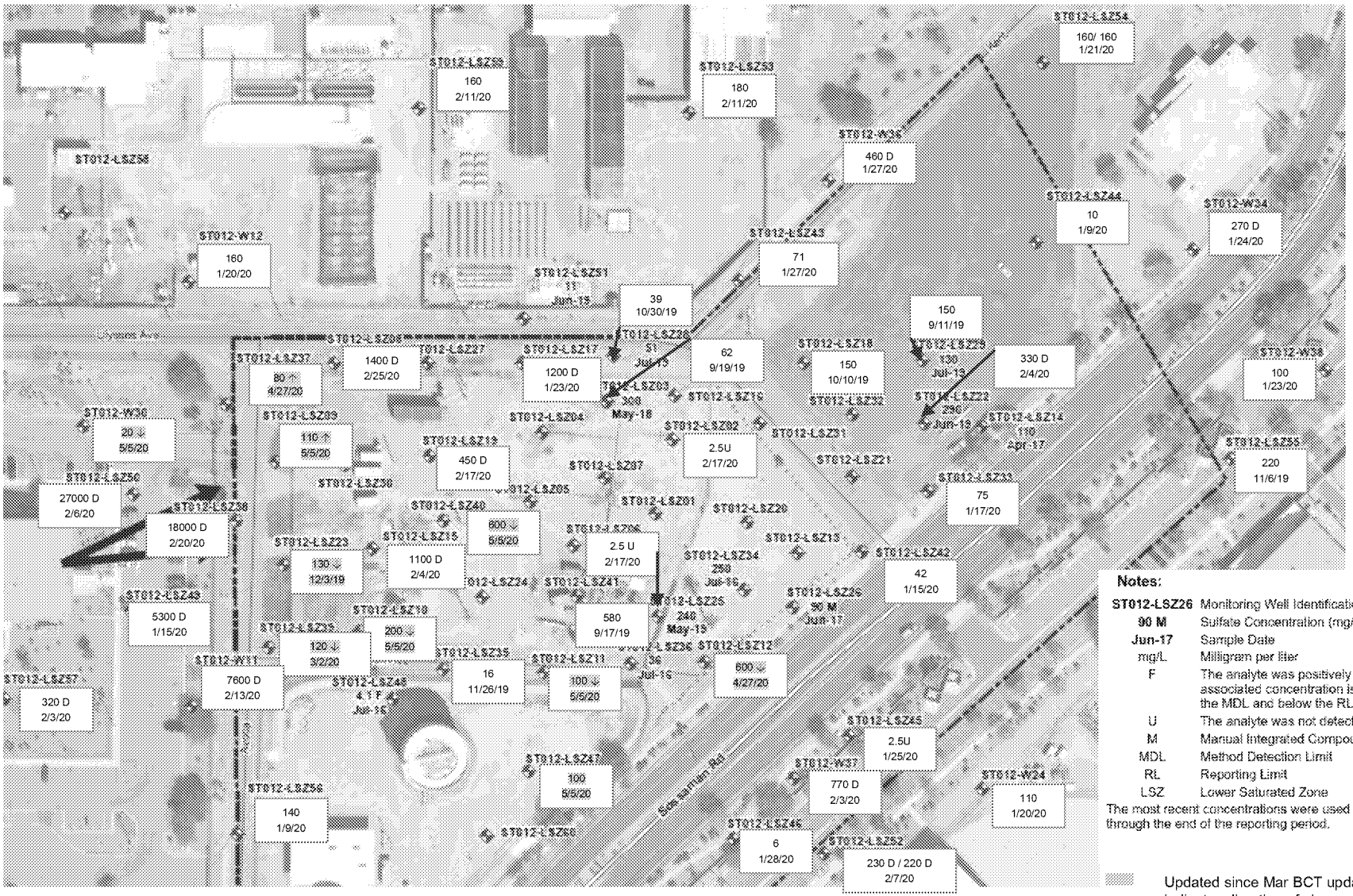
ST012-LSZ26	Monitoring Well Identification
340	Benzene Concentration (µg/L)
<1.0	Not detected at or above the RL
Aug-17	Sample Date
µg/L	Microgram per liter
F	The analyte was positively identified but the associated concentration is an estimation above the MDL and below the RL
J	The analyte was detected; estimated due to quality control criteria
U	The analyte was not detected above the RL
MDL	Method Detection Limit
RL	Reporting Limit
LSZ	Lower Saturated Zone

The most recent concentrations were used at a given location through the end of the reporting period.

Updated since Mar BCT update (arrow indicates direction of change from previous result)

D Sample was diluted

Site ST012 Sulfate (mg/L) in LSZ for Q1-Q2 2020

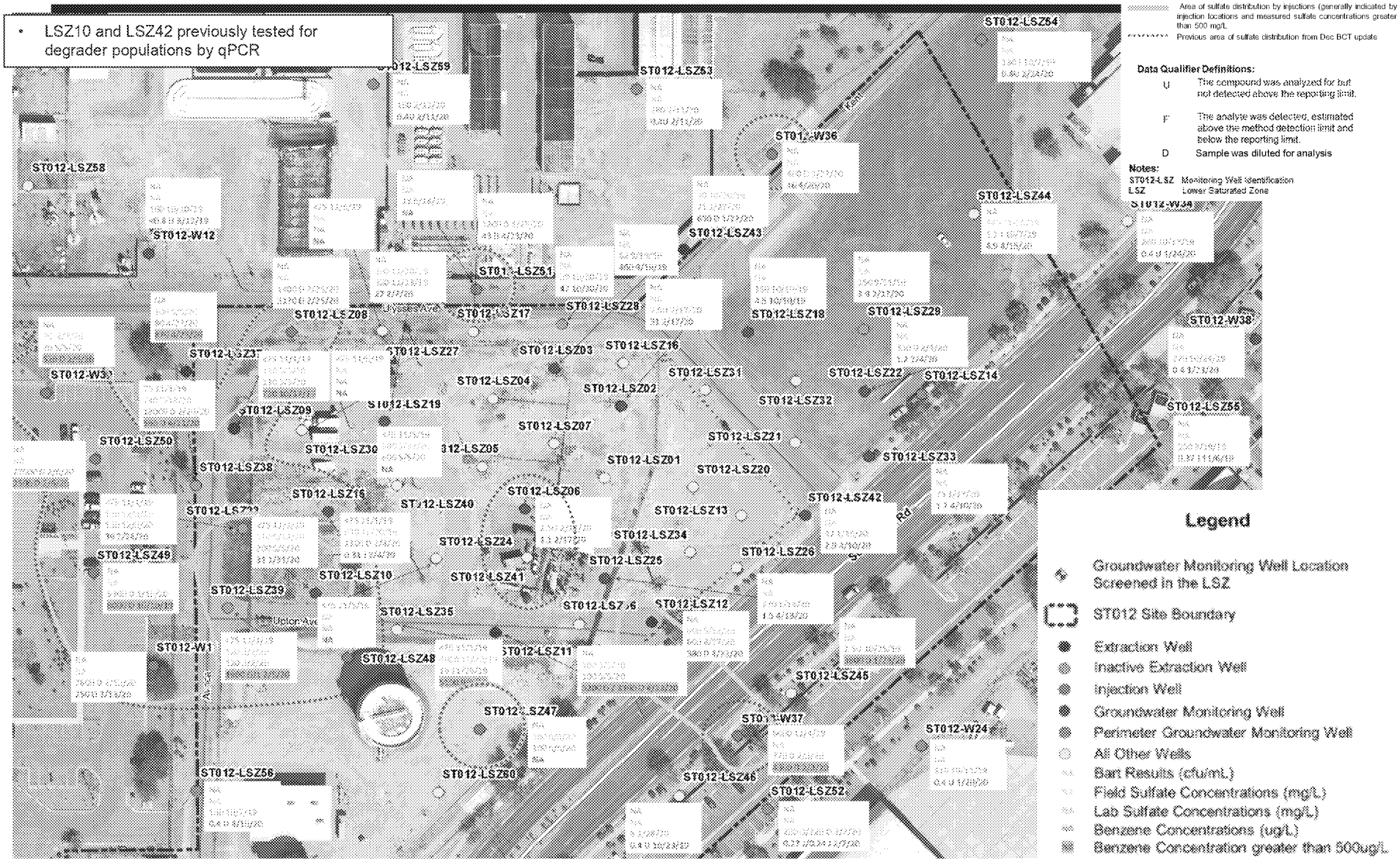


D Sample was diluted

Updated since Mar BCT update (arrow indicates direction of change from previous result)

EBR Treatment Areas in LSZ for Q1-Q2 2020

- LSZ10 and LSZ42 previously tested for degrader populations by qPCR



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Site ST012 Biological Testing

- First set of BioTraps® pulled out from UWBZ26, UWBZ27, LSZ38, and LSZ39 on 30 Mar 2020
  - Both sets came out, second set was immediately redeployed
- Second set of BioTraps® pulled out from UWBZ26, UWBZ27, LSZ38, and LSZ39 on 20 Apr 2020
- Anticipated receipt of results early Jun (SIP and QuantArray Petro)

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Pilot Study Injection/Extraction Update

Site ST012 Extraction System Performance

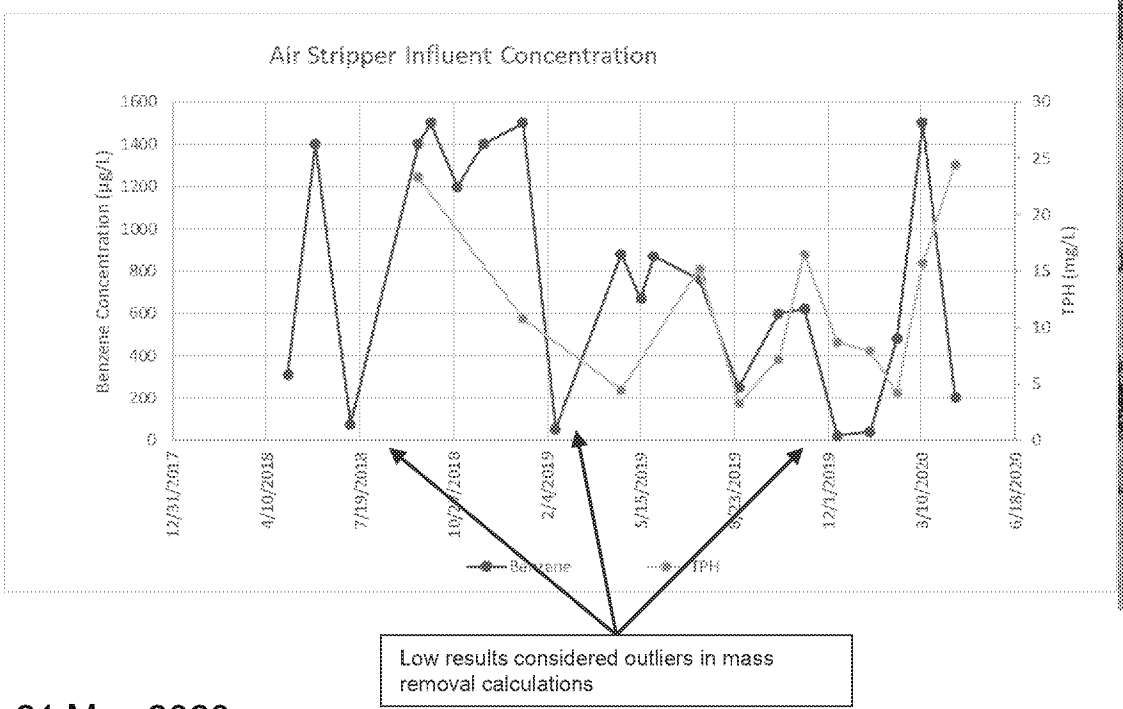
Extraction Well	Calculated Average Extraction Rate in Period gpm	Maximum Temperature Since May 2018 °F	Most Recent Temperature °F	Cumulative Extraction Since May 2018 gallons	Note
ST012-CZ07	6.1	175	139	5,276,797	
ST012-CZ18	Off	136	126	3,019,867	Extraction stopped due to sulfate presence (Oct 2019)
ST012-CZ19	NA		103		Eliminated as an extraction well by FVM#7
ST012-CZ21	0.0	150	115	452,498	Totalizer reading suspect. Pump shut down due to low concentrations.
ST012-CZ23	0.0	114	102	750,386	Motor replaced
CZ Subtotal				9,499,549	
ST012-UWBZ21	18.6	170	162	638,328	Submersible installed but only runs for a few minutes/day (high temp)
ST012-UWBZ22	8.20	146	60	482,265	Pnuematic plugged, runs intermittently
ST012-UWBZ25	8.9	168	155	707,212	
ST012-UWBZ26	Off	133	114	2,408,709	Extraction stopped due to sulfate presence (Sep 2019)
ST012-UWBZ27	Off	128	94	130,011	Extraction stopped due to sulfate presence (May 2019)
ST012-UWBZ30	Off	172	128	2,527,610	Submersible installed
UWBZ Subototal*				8,162,568	
ST012-LSZ09	Off	140	130	2,748,461	Extraction stopped due to sulfate presence (Oct 2019)
ST012-LSZ11	14.9	141	96	4,877,722	
ST012-LSZ12	5.9	130	100	3,089,114	
ST012-LSZ23	Off	113	94	3,638,934	Extraction stopped due to sulfate presence (Aug 2019)
ST012-LSZ28	---	162	165	23,131	Intermittent pumping for warm makeup water.
ST012-LSZ29	NA	>170		17	Eliminated as an extraction well by FVM#7
ST012-LSZ37	NA	132	90	6,706,323	Extraction stopped to avoid pulling sulfate from BioTrap locations
ST012-LSZ38	Off	160	90	941,898	Extraction stopped due to sulfate presence (Aug 2019)
ST012-LSZ39	Off	92	78	1,250,933	Extraction stopped due to sulfate presence (May 2019)
ST012-LSZ43	4.1	150	150	1,385,690	
ST012-UWBZ28/LSZ51	NA	146	128	2,536,868	Extraction stopped (Aug 2019), changed to injection end of subphase 2
W36	NA	81	81	386,615	Only used for make up water for sulfate mixing
LSZ Subtotal*				25,930,657	
Total of Wells	66.7			43,979,389	
Treatment System	38.3			35,981,390	

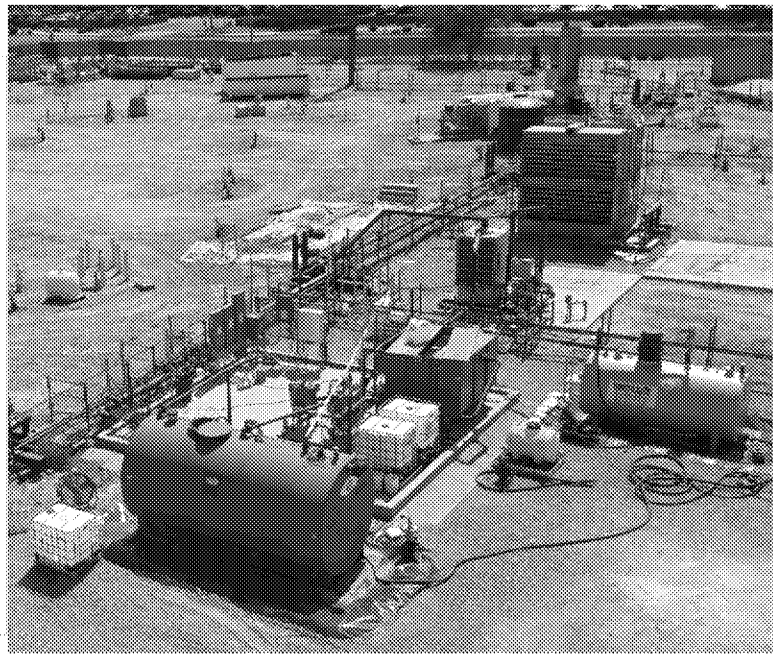
Data is preliminary

* Includes 1/2 of ST012-UWBZ28/LSZ51

Site ST012 Extraction System Performance

- No LNAPL has been recovered since extraction started up
- Extraction pumps UWBZ21 and UWBZ22 pumping intermittently
- CZ18, CZ21, UWBZ26, UWBZ27, UWBZ30, LSZ09, LSZ23, LSZ29, LSZ37, LSZ38, and LSZ39 turned off due to sulfate presence and SIP testing
- Benzene air stripper influent decreased to 200 µg/L for April sample (May not yet available). TPH concentration increased.





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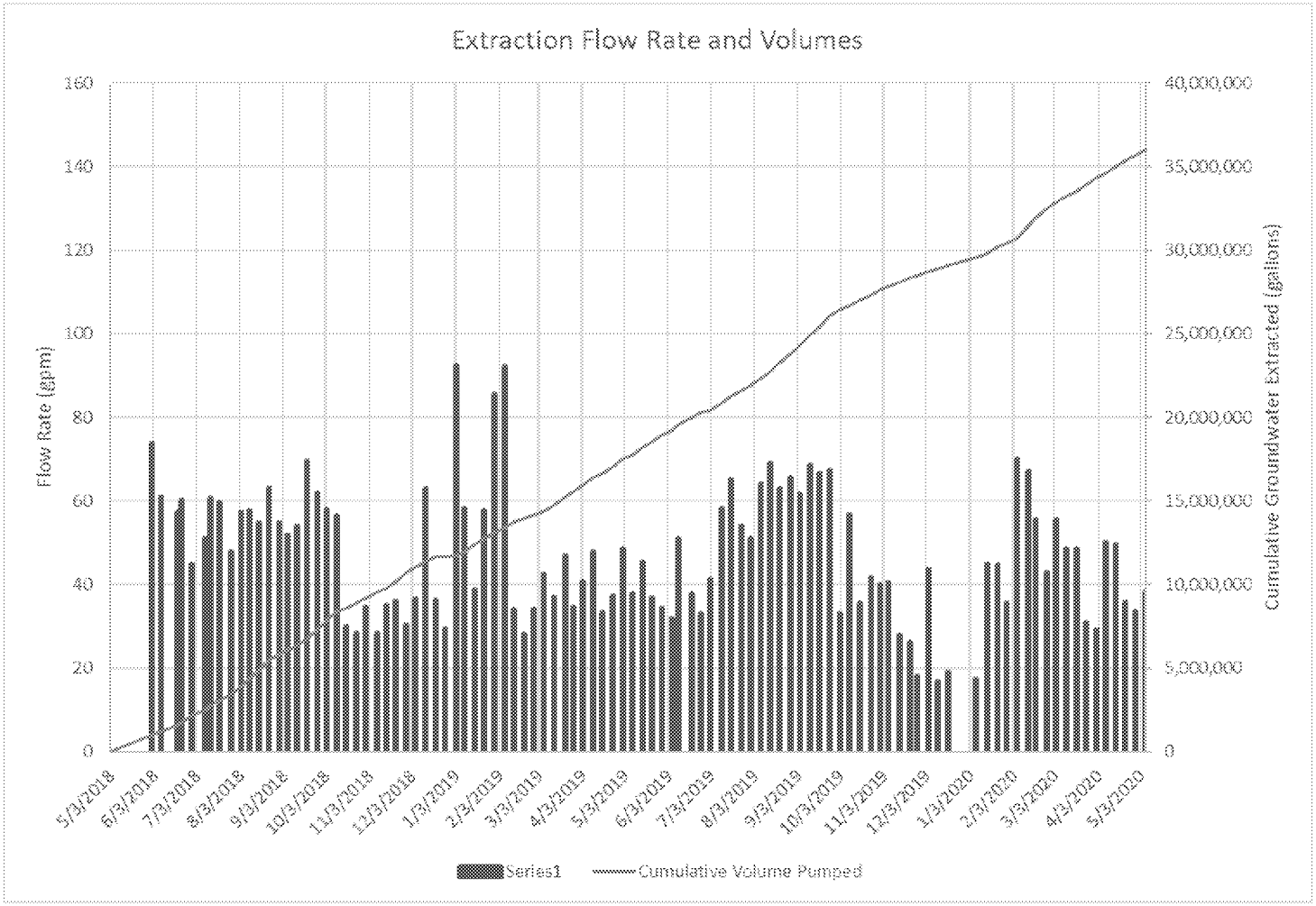
Site ST012 Extraction System Performance

- **Overall Extraction Rates and Cumulative Volume Extracted**



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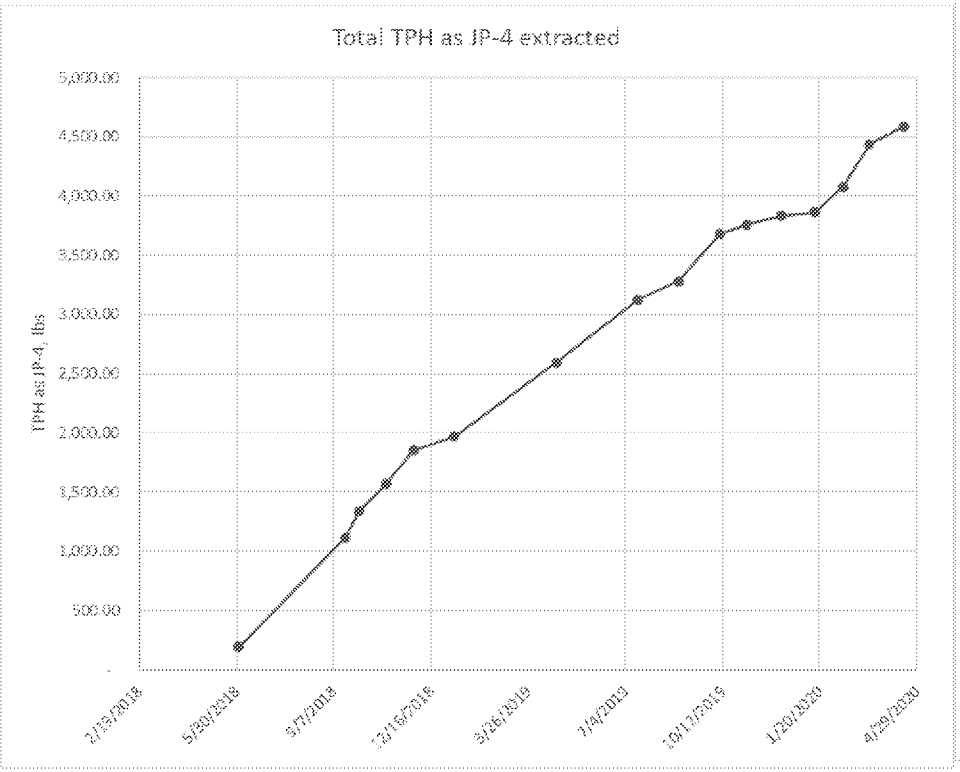
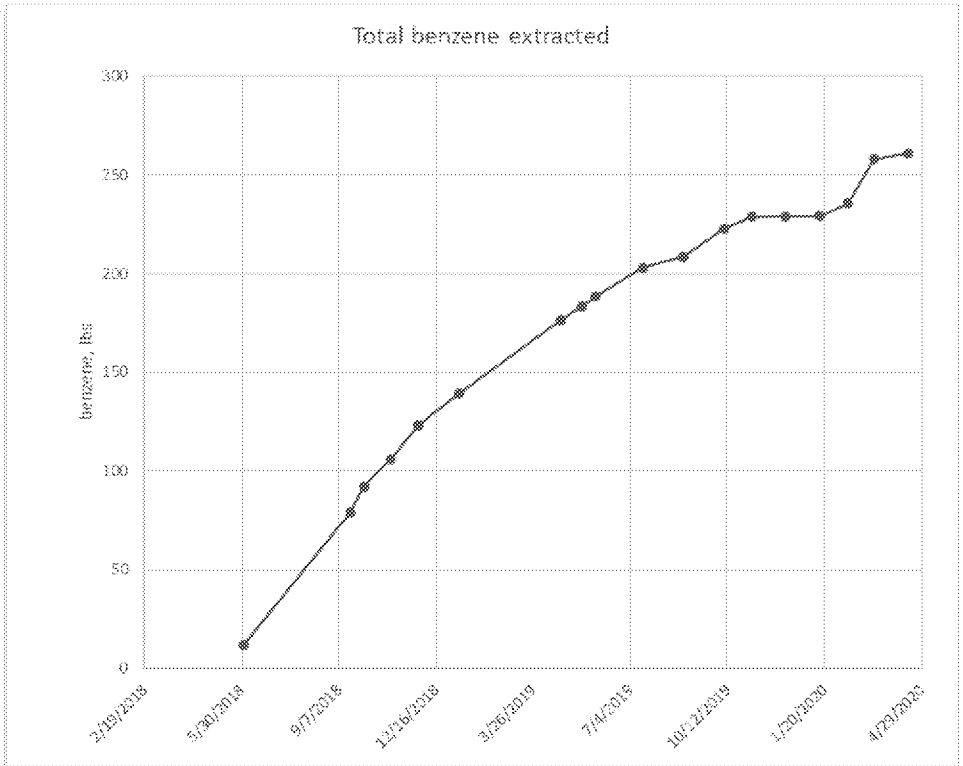
Site ST012 Extraction System Performance

- **Estimated Mass Removal by Extraction**





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Site ST012 Sulfate Field Screening

Date	Sulfate Concentration (mg/L)														
	CZ02	CZ03	CZ05	CZ10	CZ13	CZ16	CZ18	CZ07	CZ20	CZ21	UWBZ15	UWBZ17	UWBZ21	UWBZ22	UWBZ24
10/29/2019	90	80	80	100	100	110	80	70	80	100	120	---	90	80	0
11/5/2019	90	---	---	---	---	---	100	---	60	70	---	---	100	---	0
11/12/2019	---	---	---	---	---	---	--	80	---	100	110	---	---	130	---
11/20/2019	120	140	20	240	0	210	650	3000	380	OFF	100	---	20	0	700
11/26/2019	140	---	---	---	---	---	30	---	10	Off	---	---	Off	---	450
12/3/2019	---	---	---	---	---	---	--	100	---	off	130	---	---	10	---
12/10/2019	120	---	---	---	---	---	140	---	110	off	---	---	40	---	100
12/17/2019	---	---	---	---	---	---	--	100	140	off	140	---	---	40	---
1/8/2020	130	---	---	---	---	---	145	---	140	off	---	140	50	---	100
1/14/2020	---	---	---	---	---	---	--	130	---	off	20	---	---	Error00	---
1/21/2020	340	---	---	---	---	---	20	---	80	off	---	180	100	---	80
1/27/2020	---	---	---	---	---	---	--	120	---	off	50	---	---	100	---
2/4/2020	400	---	---	---	---	---	90	---	120	off	---	210	140	---	80
2/11/2020	---	---	---	---	---	---	--	100	---	Off	70	---	---	60	---
2/18/2020	300	---	---	---	---	---	80	---	100	off	---	100	100	---	1350
2/25/2020	---	---	---	---	---	---	--	60	---	off	130	50	---	30	---
3/2/2020	300	---	---	---	---	---	70	---	80	off	---	60	80	---	1200
3/10/2020	---	---	---	---	---	---	--	50	---	off	100	50	---	50	---
3/17/2020	250	---	---	---	---	---	60	---	50	off	---	20	40	---	800
3/24/2020	---	---	---	---	---	---	--	60	---	off	80	30	---	40	---
4/1/2020	220	---	---	---	---	---	40	---	40	off	---	10	20	---	400
4/7/2020	---	---	---	---	---	---	--	10	---	off	140	50	---	20	---
4/14/2020	60	---	---	---	---	---	0	---	40	off	---	70	90	---	40
4/22/2020	---	---	---	---	---	---	--	10	---	Off	130	80	---	30	---
4/27/2020	80	---	---	---	---	---	10	---	30	off	---	90	50	---	40
5/5/2020	---	---	---	---	---	---	--	10	---	Off	100	90	---	40	---
5/12/2020	70	---	---	---	---	---	0	---	10	off	---	70	20	---	30
5/19/2020	---	---	---	---	---	---	--		---	Off			---		---

CZ07 — Screening location is an extraction location

CZ20 — Screening location is a monitoring well

CZ18, CZ21, extraction shut down.

Suspect field screening results in October and November not included

Site ST012 Sulfate Field Screening

Date	Sulfate Concentration (mg/L)																			
	UWBZ26	UWBZ27	UWBZ28/LSZ51	UWBZ30	LSZ09	LSZ10	LSZ11	LSZ12	LSZ15	LSZ19	LSZ23	LSZ35	LSZ37	LSZ38	LSZ39	LSZ40	LSZ43	LSZ44	LSZ47	W30
10/29/2019	100	100	off	100	70	80	90	90	70	90	70	100	80	90	100	80	90	80	0	100
11/5/2019	110	---	off	70	90	90	---	70	---	---	90	---	230	60	80	60	---	---	---	---
11/12/2019	100	90	---	80	90	100		---	---	---	90	---	150	70	---	70	---	---	0	100
11/20/2019	600	480	OFF	OFF	790	470	120	2000	630	300	720	4000	400	2000	900	230	OFF	540	0	300
11/26/2019	500	---	off	off	650	350	---	600	---	---	off	---	530	460	---	90	---	---	---	100
12/3/2019	ERROR	350	---	off	320	370	360	---	---	---	130	---	60	1060	---	200	---	---	0	-
12/10/2019	off	---	off	off	700	350	---	470	---	---	off	---	100	800	460	570	---	---	---	
12/17/2019	off	300	---	off	310	370	200	---	---	---	off	---	120	750	---	550	---	---	0	130
1/8/2020	off	---	off	off	300	410	---	350	---	---	off	---	100	770	450	520	---	---	---	160
1/14/2020	off	40	---	off	80	330	370	---	---	---	off	---	20	450	---	124	---	---	0	
1/21/2020	off	---	off	off	30	340	---	460	---	---	z	---	70	320	230	680	---	---	---	---
1/27/2020	off	40	---	260	1000	310	3530	---	---	---	off	---	---	210	---	660	---	---	500	200
2/4/2020	off	---	off	---	400	300	---	360	---	---	off	---	420	370	200	150	---	---	---	---
2/11/2020	injecting	50	---	400	30	40	420	0	---	---	off	---	---	300	---	680	---	---	0	180
2/18/2020	off	---	off	----	50	80	---	220	---	---	off	---	430	240	160	500	---	---	---	---
2/25/2020	BioTrap	100	---	440	40	240	440	---	---	---	off	---	---	Bio Trap	---	700	---	---	0	80
3/2/2020	off	---	off	---	40	250	---	200	---	---	off	---	400	Bio Trap	120	600	---	---	---	---
3/10/2020	BioTrap	biotrap	---	380	50	---	300	---	---	---	off	---	---	Bio Trap	---	490	---	---	0	70
3/17/2020	off	---	off	off	---	200	---	200	---	---	off	---	300	Bio Trap	Biotrap	430	---	---	---	---
3/24/2020	BIOTrap	BioTrap	---	360	50	---	200	---	---	---	off	---	---	Bio Trap	---	450	---	---	0	70
4/1/2020	off	---	off	off	---	120	---	150	---	---	off	---	200	Bio Trap	Biotrap	350	---	---	---	---
4/7/2020	BIOTrap	BioTrap	---	620	140	---	120	---	---	---	off	---	---	Bio Trap	---	200	---	---	0	20
4/14/2020	off	---	off	off	---	180	---	680	---	---	off	---	60	Bio Trap	Biotrap	760	---	---	---	---
4/22/2020	BIOTrap	BioTrap	---	590	120	210	130	---	---	---	off	---	---	Bio Trap	---	690	---	---	0	20
4/27/2020	off	---	off	off	---	200	---	600	---	---	off	---	80	Bio Trap	Biotrap	650	---	---	---	---
5/5/2020	BIOTrap	BioTrap	---	600	110	200	100	---	---	---	off	---	---	Bio Trap	---	600	---	---	100	10
5/12/2020	off	---	off	off	---	170	---	600	---	---	off	---	100	Bio Trap	Biotrap	580	---	---	---	---
5/19/2020	BIOTrap	BioTrap	---					---	---	---	off	---	---	Bio Trap	---		---	---		

CZ07 — Screening location is an extraction location

CZ20 — Screening location is a monitoring well

UWBZ26, UWBZ27, UWBZ30, UWBZ28/LSZ51, LSZ09, LSZ23, LSZ37, LSZ38 and LSZ39 extraction shut down.
Suspect field screening results in October and November not included
Concentration in UWBZ30 shut down – post shut down samples collected
LSZ12 sulfate increased (consider for shut down)

Site ST012 Path Forward May-Jun 2020

- Continue SVE
- Continue pump repairs if necessary
- Pilot Study Implementation
  - Continue extraction and treatment
  - Receive 30 Mar 2020 BioTraps® SIP and QuantArray Petro results ~ early Jun 2020
  - Receive 20 Apr 2020 BioTraps® SIP and QuantArray Petro results ~ early Jun 2020
  - Preparation of Pilot Study Implementation Report
  - Continue with sulfate screening and quarterly sampling

Air Force Civil Engineer Center

2020 BCT MEETINGS/CONFERENCE CALLS SCHEDULE DELIVERABLE TRACKING

BCT Conference Call

21 May 2020

BCT GENERAL UPDATE AND ACTION ITEMS

BCT Conference Call

21 May 2020