HEALTH, SAFETY, ENVIRONMENTAL AND REMEDIATION SITE OPERATIONS REPORT
Williams AFB ST012

Site No.: 9101-11-0001

Period Between 13 January 2018 and 26 January 2018

I. SITE SUBCONTRACTOR SUMMARY

A. Week Ending 19 January 2018

Company	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Amec Foster Wheeler			X	X	X	X	X
MP Environmental							
Yellow Jacket							

B. Week Ending 26 January 2018

Company	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Amec Foster Wheeler			X	X	X	X	X
MP Environmental							
Yellow Jacket							

II. SCHEDULE / SITE ACTIVITIES REVIEW

A. EBR Construction- None

B. Containment System Construction - None

C. Containment System Operation - None

D. Sampling/Monitoring

1. Pumping and bailing to remove NAPL from SEE wells
2. Continued NAPL screening in SEE extraction and injection wells
3. Perimeter well temperature monitoring

E. SVE System Operation/Optimization

- Routine operation
- Operated the thermal oxidizer and flame oxidizer in parallel on the SVE system.

- Condensate tank was emptied at 50 inches of liquid level on 25 January 2018. It is estimated that approximately 1,150 gallons of condensate were transferred to the equalization tank of the on-site treatment system.
- LNAPL pumps arrived on site 16 January 2018 after being serviced by manufacturer.

F. Site Operations - None

III. SVE OPERATING DATA

A. Thermal Oxidizer Destruction Efficiency/Mass Removal Summary

The destruction efficiency and mass removal calculations for the thermal oxidizer are tabulated below. A correction factor was applied to PID readings based on available analytical data and corresponding PID data. This factor is updated each time new analytical data is available and may retroactively alter previously reported data.

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Thermal Oxidizer Operated[d]	Thermal Oxidizer Uptime	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[c,h,i]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)[e,i]	Calculated Destruction Efficiency[g]	Flowrate into Oxidizer (End of Period)[d]	Estimated VOC Mass Removed[f]	Average Daily Removal Rate[h]	Estimated VOC Mass Released to Atmosphere[j]	Average VOC Mass Released to Atmosphere[j]
---	---	days		hrs	%	ppmv	mg/m^3	ppmv	mg/m^3	%	scfm	lbs/period	lbs/day	lbs/period	lbs/day
4/7/2016	4/15/2016	7	SVE	112	63%	560	10,776	4.6	4.2	99.96%	1,396	6,312	847	2	0.33
4/15/2016	4/21/2016	6	SVE	147	100%	342	6,581	1.0	0.9	99.99%	1,571	5,692	929	0.8	0.13
4/21/2016	4/29/2016	8	SVE	188	99%	296	5,696	2.6	2.4	99.96%	1,396	5,600	711	2.3	0.29
4/29/2016	5/5/2016	6	SVE	130	90%	179	3,445	1.6	1.5	99.96%	1,396	2,342	390	1.0	0.16
5/5/2016	5/20/2016	15	SVE	323	90%	394	7,582	0.5	0.5	99.99%	1,047	9,605	640	0.6	0.04
5/20/2016	5/26/2016	6	SVE	146	100%	699	14,913	42.2	38	99.74%	698	5,693	936	14.6	2.40
5/26/2016	6/2/2016	7	SVE	166	99%	340	7,254	62.2	56	99.22%	698	3,149	450	24.5	3.50
6/2/2016	6/10/2016	8	SVE	164	85%	679	10,931	1.2	1.1	99.99%	1,309	8,791	1,099	0.9	0.11
6/10/2016	6/17/2016	7	SVE	167	99%	462	7,438	12.7	12	99.85%	1,047	4,872	696	7.5	1.08
6/17/2016	6/24/2016	7	SVE	165	98%	179	2,882	0.6	0.5	99.98%	1,466	2,611	373	0.5	0.07
6/24/2016	6/27/2016	3	SVE	74	100%	431	8,516	0.0	0.0	>99.99%	1,920	4,533	1,470	0.0	0.00
6/27/2016	6/29/2016	2	SVE	47	100%	N/A	8,516	N/A	0.0	>99.99%	1,152	1,727	882	0.0	0.00
6/29/2016	7/8/2016	9	SVE	215	100%	697	13,772	0.2	0.3	>99.99%	524	5,812	649	0.1	0.01
7/8/2016	7/14/2016	6	SVE	128	89%	1080	23,314	1.3	1.8	99.99%	489	5,467	911	0.4	0.07
7/14/2016	7/22/2016	8	SVE	56	29%	848	18,306	7.6	10	99.94%	698	2,680	335	1.5	0.19
7/22/2016	7/29/2016	7	SVE	163	97%	636	16,947	10.2	14	99.92%	628	6,499	928	5.3	0.76
7/29/2016	8/4/2016	6	SVE	84	58%	681	18,146	1.5	2.1	99.99%	1,466	8,370	1,395	0.9	0.16
8/4/2016	8/11/2016	7	SVE	168	100%	475	17,982	1.2	1.6	99.99%	698	7,899	1,128	0.7	0.10
8/11/2016	8/18/2016	7	SVE	120	71%	476	18,020	1.6	2.2	99.99%	768	6,221	889	0.8	0.11
8/18/2016	8/25/2016	7	SVE	168	100%	285	10,789	2.2	3.0	99.97%	628	4,266	609	1.2	0.17
8/25/2016	9/1/2016	7	SVE	167	99%	498	17,548	1.4	1.9	99.99%	489	5,368	767	0.6	0.08
9/1/2016	9/8/2016	7	SVE	169	100%	986	34,744	3.7	5.1	99.99%	986	21,689	3,080	3.2	0.45
9/8/2016	9/15/2016	7	SVE	145	87%	605	21,319	12.5	1.0	>99.99%	419	4,850	697	0.2	0.03
9/15/2016	9/22/2016	7	SVE	169	100%	454	15,821	18.4	1.4	99.99%	419	4,195	596	0.4	0.05
9/22/2016	9/29/2016	7	SVE	167	99%	475	16,553	18.5	1.4	99.99%	628	6,503	929	0.6	0.08
9/29/2016	10/6/2016	7	SVE	166	99%	805	15,402	1.9	0.1	>99.99%	628	6,015	859	0.1	0.01
10/6/2016	10/13/2016	7	SVE	165	98%	578	11,059	1.1	0.1	>99.99%	489	3,343	478	0.0	0.00
10/13/2016	10/20/2016	7	SVE	136	81%	620	8,440	18.8	1.4	99.98%	477	2,050	293	0.4	0.05
10/20/2016	10/27/2016	7	SVE	170	100%	699	9,516	1.8	0.1	>99.99%	461	2,793	394	0.0	0.01
10/27/2016	11/3/2016	7	SVE	166	100%	631	4,915	0.8	0.1	>99.99%	480	1,466	212	0.0	0.00
11/3/2016	11/10/2016	7	SVE	173	100%	602	4,689	1.2	0.1	>99.99%	425	1,292	179	0.0	0.00

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Thermal Oxidizer Operated[d]	Thermal Oxidizer Uptime	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[e,h,g]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)[e,g]	Calculated Destruction Efficiency[g]	Flowrate into Oxidizer (End of Period)[d]	Estimated VOC Mass Removed[f]	Average Daily Removal Rate[h]	Estimated VOC Mass Released to Atmosphere[h]	Average VOC Mass Released to Atmosphere[h]
11/10/2016	11/18/2016	8	SVE	160	86%	911	9,000	9.6	0.7	99.99%	422	2,278	292	0.2	0.02
11/18/2016	11/23/2016	5	SVE	55	46%	387	3,605	1.2	0.1	>99.99%	601	446	89	0.0	0.00
11/23/2016	12/1/2016	8	SVE	88	46%	581	5,413	6.0	0.5	99.99%	553	987	123	0.1	0.01
12/1/2016	12/9/2016	8	SVE	135	70%	97	2,576	4.7	0.4	99.99%	511	666	83	0.1	0.01
12/9/2016	12/15/2016	6	SVE	88	61%	440	3,408	4.6	0.5	99.99%	509	572	95	0.1	0.01
12/15/2016	12/22/2016	7	SVE	76	45%	386	2,989	1.6	0.2	99.99%	501	426	61	0.0	0.00
12/22/2016	1/5/2017	14	SVE	332	99%	381	2,951	1.7	0.2	99.99%	422	1,548	111	0.1	0.01
1/5/2017	1/12/2017	7	SVE	165	98%	413	1,972	5.2	0.5	99.97%	457	557	80	0.1	0.02
1/12/2017	1/19/2017	7	ACE	168	100%	124	592	9.0	0.9	99.85%	486	181	26	0.3	0.04
1/19/2017	1/26/2017	7	SVE	166	99%	281	1,252	2.3	0.2	99.98%	468	365	52	0.1	0.01
1/26/2017	2/2/2017	7	SVE	167	99%	716	3,190	1.9	0.2	99.99%	490	979	140	0.1	0.01
2/2/2017	2/9/2017	7	SVE	168	100%	492	2,174	2.0	0.2	99.99%	483	660	94	0.1	0.01
2/9/2017	2/16/2017	7	SVE	168	100%	379	1,675	2.1	0.2	99.99%	461	486	69	0.1	0.01
2/16/2017	2/23/2017	7	SVE	170	100%	485	2,167	2.2	0.2	99.99%	460	635	90	0.1	0.01
2/23/2017	3/2/2017	7	SVE	167	100%	137	612	2.8	0.3	99.96%	475	182	26	0.1	0.01
3/2/2017	3/10/2017	8	SVE	187	97%	903	3,514	2.8	0.3	99.99%	438	1,078	135	0.1	0.01
3/10/2017	3/16/2017	6	SVE	144	100%	876	3,409	0.8	0.3	99.99%	436	802	134	0.1	0.01
3/16/2017	3/23/2017	7	SVE	153	91%	747	9,733	0.7	0.2	>99.99%	446	2,489	356	0.1	0.01
3/23/2017	3/30/2017	7	SVE	166	99%	357	4,652	1.0	0.3	99.99%	466	1,348	193	0.1	0.01
3/30/2017	4/6/2017	7	SVE	168	100%	241	3,199	5.4	1.8	99.95%	463	933	133	0.5	0.07
4/6/2017	4/13/2017	7	SVE	161	96%	692	9,186	0.8	0.3	>99.99%	548	3,037	434	0.1	0.01
4/13/2017	4/20/2017	7	SVE	161	96%	692	9,186	0.8	0.3	>99.99%	548	3,037	434	0.1	0.01
4/20/2017	4/27/2017	7	SVE	0	0%	0	0	0.0	0.0	---	0	0	0	0.0	0.00
4/27/2017	5/4/2017	7	SVE	70	42%	593	7,872	3.0	1.0	99.99%	548	1,132	162	0.1	0.02
5/4/2017	5/11/2017	7	SVE	167	99%	663	9,153	1.2	0.4	>99.99%	440	2,517	360	0.1	0.02
5/11/2017	5/17/2017	6	SVE	143	99%	485	6,696	4.3	1.4	99.98%	525	1,885	314	0.4	0.07
5/17/2017	5/25/2017	8	SVE	189	98%	555	2,464	2.5	0.8	99.97%	439	766	96	0.3	0.03
5/25/2017	6/1/2017	7	SVE	169	100%	566	2,358	2.8	0.9	99.96%	439	655	93	0.3	0.04
6/1/2017	6/8/2017	7	SVE	168	100%	599	2,496	4.5	1.2	99.95%	497	780	111	0.4	0.05
6/8/2017	6/15/2017	7	SVE	172	100%	467	2,193	1.2	0.3	99.99%	503	710	99	0.1	0.01
6/15/2017	6/21/2017	6	SVE	138	99%	564	2,648	2.3	0.6	99.98%	434	594	102	0.1	0.02
6/21/2017	6/29/2017	8	SVE	194	100%	441	2,317	0.9	0.2	99.99%	531	894	111	0.1	0.01
6/29/2017	7/6/2017	7	SVE	166	100%	556	2,921	0.8	0.2	99.99%	421	765	111	0.1	0.01
7/6/2017	7/13/2017	7	SVE	170	100%	453	2,687	0.2	0.1	>99.99%	420	719	101	0.0	0.00
7/13/2017	7/20/2017	7	SVE	151	91%	650	3,774	0.0	0.0	>99.99%	412	880	127	0.0	0.00
7/20/2017	8/3/2017	14	SVE	106	32%	450	2,487	1.4	0.4	99.99%	419	414	30	0.1	0.00
8/3/2017	8/10/2017	7	SVE	130	77%	403	2,227	4.8	1.3	99.94%	424	460	66	0.3	0.04
8/10/2017	8/17/2017	7	SVE	168	100%	511	2,769	30.1	7.8	99.72%	412	718	103	2.0	0.29
8/17/2017	8/24/2017	7	SVE	168	100%	634	3,333	31.0	8.1	99.76%	406	852	122	2.1	0.30
8/24/2017	8/31/2017	7	SVE	169	100%	497	2,733	18.0	4.7	99.83%	401	690	99	1.2	0.17
8/31/2017	9/7/2017	7	SVE	166	99%	449	2,469	5.9	1.5	99.94%	407	625	89	0.4	0.06
9/7/2017	9/14/2017	7	SVE	168	100%	646	3,552	42.4	11.1	99.69%	404	903	129	2.8	0.40

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Thermal Oxidizer Operated[d]	Thermal Oxidizer Uptime	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[c,h,j]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)[e,f]	Calculated Destruction Efficiency[a]	Flowrate into Oxidizer (End of Period)[d]	Estimated VOC Mass Removed[i]	Average Daily Removal Rate[b]	Estimated VOC Mass Released to Atmosphere[b]	Average VOC Mass Released to Atmosphere[b]
9/14/2017	9/21/2017	7	SVE	164	98%	451	2,480	6.6	0.5	99.98%	407	620	89	0.1	0.02
9/21/2017	9/28/2017	7	SVE	168	100%	377	2,135	38.8	2.7	99.87%	405	544	78	0.7	0.10
9/28/2017	10/5/2017	7	SVE	169	100%	418	2,367	3.8	0.3	99.99%	405	603	86	0.1	0.01
10/5/2017	10/12/2017	7	SVE	166	99%	416	2,209	21.9	1.5	99.93%	405	556	79	0.4	0.05
10/12/2017	10/19/2017	7	SVE	160	95%	372	1,975	5.8	0.4	99.98%	416	492	70	0.1	0.01
10/19/2017	10/26/2017	7	SVE	168	100%	489	2,317	18.9	1.3	99.94%	463	675	96	0.4	0.05
10/26/2017	11/2/2017	7	SVE	167	99%	586	2,777	16.1	1.1	99.96%	479	832	119	0.3	0.05
11/2/2017	11/9/2017	7	SVE	170	100%	540	2,670	17.1	1.2	99.96%	395	664	95	0.3	0.04
11/9/2017	11/16/2017	7	SVE	166	99%	457	2,104	0.0	0.0	>99.99%	395	517	74	0.0	0.00
11/16/2017	11/21/2017	5	SVE	122	100%	714	3,287	0.0	0.0	>99.99%	394	582	116	0.0	0.00
11/21/2017	11/30/2017	9	SVE	215	100%	501	2,387	0.1	0.0	>99.99%	456	877	97	0.0	0.00
11/30/2017	12/7/2017	7	SVE	167	99%	347	1,654	0.3	0.0	>99.99%	453	469	67	0.0	0.00
12/7/2017	12/14/2017	7	SVE	167	99%	341	1,704	0.5	0.0	>99.99%	455	485	69	0.0	0.00
12/14/2017	12/21/2017	7	SVE	170	100%	362	1,809	0.4	0.0	>99.99%	453	516	74	0.0	0.00
12/21/2017	12/29/2017	8	SVE	189	98%	372	1,859	1.1	0.1	>99.99%	942	1,240	155	0.1	0.01
12/29/2017	1/4/2018	6	SVE	145	100%	408	2,039	0.1	0.0	>99.99%	470	517	86	0.0	0.00
1/4/2018	1/11/2018	7	SVE	168	100%	386	2,137 *	0.0	0.0	>99.99%	474	637	91	0.0	0.00
1/11/2018	1/18/2018	7	SVE	168	100%	421	2,331 *	0.0	0.0	>99.99%	471	691	99	0.0	0.00
1/18/2018	1/25/2018	7	SVE	171	100%	383	2,120 *	0.0	0.0	>99.99%	470	627	90	0.0	0.00

Notes:

% - percent
hrs - hours
JP-4 - jet petroleum fuel grade four
lbs - pounds
mg/m^3 - milligrams per cubic meter
ppmv - parts per million by volume
scfm - standard cubic feet per minute
TPH - total petroleum hydrocarbons
PID - photoionization detector
SVE - soil vapor compound
VOC - volatile organic compound
ACE - active containment extraction system

* Concentration and associated calculated values may change after receipt of subsequent analytical data.

(a) Calculated destruction efficiencies are calculated using a single sampling event for each week, not using the average influent and effluent results.

(b) Mass and volumes are calculated based on laboratory data for TPH reported as JP-4. As has been the basis for previous calculations at ST012, the average molecular weight of TPH as JP-4 is assumed equivalent to xylene (106.168 grams per mole). The assumed liquid density of the fuel is 6.57 lbs per gallon.

(c) The influent PID correction factor calculation has been revised to reflect a three-value rolling average (the average of the correction factor for the analytical sample collected one event prior, the current event, and one event after). The correction factor for 11 March 2016 has been removed as anomalous during the post-steam operation period based on the subsequent six months of correction factors calculated. The average for the 07 April through 21 April 2016 period incorporates only 25 April and 23 May 2016 correction factors.

(d) To address inconsistencies in influent PID and flow rate measurements, system piping was changed on 13 October 2016. Flow rate measurements prior to this date are reported in acfm, and after this date are reported in scfm.

(e) An incorrect correction factor was used to calculate the Effluent Concentration (Adjusted PID) for the period between 24 June and 8 September 2016. The value has been corrected for that period.

(f) The effluent PID correction factor for the 15 September 2016 sample was anomalous compared to historical values. An average of correction factors from samples before and after this date was used.

(g) During the week of 20 January, the thermal oxidizer was operated on both the SVE and for commissioning the ACE systems. Operating records do not contain enough detail to accurately allocate mass removal between these two sources.

(h) The influent lab sample collected on 11 November 2016 was determined to be anomalous and was removed. A two point average was used between 27 October and 01 December 2016.

(i) The influent valve to receive active containment system air stripper influent was discovered open after PID monitoring for the week of 02 March 2017, providing unexpected dilution air in the thermal oxidizer influent.

(j) PLC failure prior to taking routine measurements caused no data to be recorded after 20 April 2017. VOC data was assumed from the previous week and operating hours were estimated using the thermal oxidizer temperature chart recorder.

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Thermal Oxidizer Operated[j]	Thermal Oxidizer Uptime	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[e,h,k]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)[e,i]	Calculated Destruction Efficiency[a]	Flowrate into Oxidizer (End of Period)[d]	Estimated VOC Mass Removed[b]	Average Daily Removal Rate[b]	Estimated VOC Mass Released to Atmosphere[b]	Average VOC Mass Released to Atmosphere[b]

(k) The influent lab sample collected on 15 September 2017 was determined to be anomalous and was removed. A two point average was used between 31 August and 21 September 2017.

B. Flame Oxidizer Destruction Efficiency/Mass Removal Summary

The destruction efficiency and mass removal calculations for the flame oxidizer are tabulated below. A correction factor was applied to PID readings based on available analytical data and corresponding PID data. This factor is updated each time new analytical data is available and may retroactively alter previously reported data.

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Flame Oxidizer Operated[d]	Flame Oxidizer Uptime[a]	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[f]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)	Calculated Destruction Efficiency[b]	Flowrate into Oxidizer (End of Period)	Estimated VOC Mass Removed[c]	Average Daily Removal Rate[e]	Estimated VOC Mass Released to Atmosphere[c]	Average VOC Mass Released to Atmosphere[e]
---	---	days		hrs	%	ppmv	mg/m^3	ppmv	mg/m^3	%	scfm	lbs/period	lbs/day	lbs/period	lbs/day
8/4/2016	8/11/2016	7	SVE	107	64%	509	13,710	17.1	1.1	99.99%	768	4,219	603	0.3	0.05
8/11/2016	8/18/2016	7	SVE	91	54%	428	11,528	16.4	1.1	99.99%	768	3,018	431	0.3	0.04
8/18/2016	8/25/2016	7	SVE	78	46%	483	13,009	8.9	0.6	>99.99%	838	3,184	455	0.1	0.02
8/25/2016	9/1/2016	7	SVE	112	67%	433	10,103	5.6	0.4	>99.99%	768	3,256	465	0.1	0.02
9/1/2016	9/8/2016	7	SVE	102	61%	414	9,660	7.2	0.5	>99.99%	942	3,477	497	0.2	0.02
9/8/2016	9/15/2016	7	SVE	140	83%	868	20,253	13.6	0.9	>99.99%	1,047	11,121	1,589	0.5	0.07
9/15/2016	9/22/2016	7	SVE	149	89%	499	10,431	13.1	1.2	99.99%	1,047	6,096	871	0.7	0.10
9/22/2016	9/29/2016	7	SVE	158	94%	682	14,256	3.9	0.3	>99.99%	1,222	10,311	1,473	0.2	0.04
9/29/2016	10/6/2016	7	SVE	119	71%	834	11,860	3.1	0.3	>99.99%	977	5,166	738	0.1	0.02
10/6/2016	10/13/2016	7	SVE	167	99%	593	8,433	2.4	0.2	>99.99%	1,012	5,339	763	0.1	0.02
10/13/2016	10/20/2016	7	SVE	117	70%	331	3,364	13.7	1.2	99.96%	597	880	126	0.3	0.05
10/20/2016	10/27/2016	7	SVE	170	100%	379	3,852	1.4	0.1	>99.99%	550	1,350	191	0.0	0.01
10/27/2016	11/3/2016	7	SVE	100	60%	444	7,478	0.5	0.04	>99.99%	546	1,530	221	0.0	0.00
11/3/2016	11/10/2016	7	SVE	174	100%	877	14,770	2.0	0.2	>99.99%	538	5,177	714	0.1	0.01
11/10/2016	11/18/2016	8	SVE	190	100%	816	13,134	27.0	2.4	99.98%	535	5,004	632	0.9	0.11
11/18/2016	11/23/2016	5	SVE	116	100%	582	8,001	1.3	0.1	>99.99%	535	1,861	385	0.0	0.01
11/23/2016	12/1/2016	8	SVE	190	99%	661	9,087	33.3	2.9	99.97%	538	3,481	435	1.1	0.14
12/1/2016	12/9/2016	8	SVE	193	100%	1,146	15,754	70.8	6.2	99.96%	538	6,131	762	2.4	0.30
12/9/2016	12/15/2016	6	SVE	142	99%	1,211	7,007	205.0	2.0	99.97%	538	2,006	337	0.6	0.10
12/15/2016	12/22/2016	7	SVE	166	99%	1,100	6,365	2.3	0.02	>99.99%	521	2,061	294	0.0	0.00
12/22/2016	1/5/2017	14	SVE	332	99%	1,109	6,417	2.1	0.02	>99.99%	518	4,132	295	0.0	0.00
1/5/2017	1/12/2017	7	SVE	164	98%	987	5,711	8.2	0.08	>99.99%	518	1,817	260	0.0	0.00
1/12/2017	1/19/2017	7	SVE	169	100%	954	4,434	6.1	0.06	>99.99%	544	1,528	217	0.0	0.00
1/19/2017	1/26/2017	7	SVE	168	100%	1,152	5,877	8.3	0.08	>99.99%	524	1,936	277	0.0	0.00
1/26/2017	2/2/2017	7	SVE	166	99%	1,203	6,137	0.8	0.01	>99.99%	520	1,983	283	0.0	0.00
2/2/2017	2/9/2017	7	SVE	169	100%	1,001	5,106	0.9	0.01	>99.99%	516	1,659	237	0.0	0.00
2/9/2017	2/16/2017	7	SVE	167	99%	971	4,953	0.8	0.01	>99.99%	522	1,617	231	0.0	0.00
2/16/2017	2/23/2017	7	SVE	170	100%	1,037	4,425	0.8	0.01	>99.99%	520	1,449	207	0.0	0.00
2/23/2017	3/2/2017	7	SVE	167	99%	1,108	4,728	1.1	0.01	>99.99%	534	1,580	226	0.0	0.00
3/2/2017	3/10/2017	8	SVE	188	98%	1,008	3,445	1.9	0.31	99.99%	486	1,180	147	0.1	0.01
3/10/2017	3/16/2017	6	SVE	144	100%	945	3,229	1.3	0.21	99.99%	485	845	141	0.1	0.01
3/16/2017	3/23/2017	7	SVE	170	100%	1,173	3,467	0.2	0.03	>99.99%	490	1,070	153	0.0	0.00
3/23/2017	3/30/2017	7	SVE	165	98%	1,072	3,169	0.0	0.00	>99.99%	586	1,147	164	0.0	0.00
3/30/2017	4/6/2017	7	SVE	169	100%	852	2,347	0.5	0.08	>99.99%	583	861	123	0.0	0.00
4/6/2017	4/13/2017	7	SVE	161	96%	936	2,578	0.6	0.10	>99.99%	565	879	126	0.0	0.00

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Flame Oxidizer Operated[d]	Flame Oxidizer Uptime[a]	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[f]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)	Calculated Destruction Efficiency[b]	Flowrate into Oxidizer (End of Period)	Estimated VOC Mass Removed[c]	Average Daily Removal Rate[e]	Estimated VOC Mass Released to Atmosphere[c]	Average VOC Mass Released to Atmosphere[e]
4/13/2017	4/20/2017	7	SVE	170	100%	353	972	0.8	0.13	99.99%	636	389	56	0.1	0.01
4/20/2017	4/27/2017	7	SVE	166	99%	958	2,639	0.9	0.14	99.99%	501	822	117	0.0	0.01
4/27/2017	5/4/2017	7	SVE	166	99%	695	2,322	0.8	0.13	99.99%	568	820	117	0.0	0.01
5/4/2017	5/11/2017	7	SVE	166	99%	814	2,719	0.3	0.05	>99.99%	566	958	137	0.0	0.00
5/11/2017	5/17/2017	6	SVE	144	100%	841	3,198	0.3	0.05	>99.99%	566	977	163	0.0	0.00
5/17/2017	5/25/2017	8	SVE	189	98%	673	2,559	0.8	0.13	99.99%	585	1,060	132	0.1	0.01
5/25/2017	6/1/2017	7	SVE	169	100%	676	2,905	0.2	0.03	>99.99%	566	1,035	148	0.0	0.00
6/1/2017	6/8/2017	7	SVE	167	99%	729	3,132	3.1	0.50	99.98%	568	1,113	159	0.2	0.03
6/8/2017	6/15/2017	7	SVE	172	100%	575	2,876	1.5	0.24	99.99%	649	1,175	168	0.1	0.01
6/15/2017	6/21/2017	6	SVE	139	97%	667	3,336	0.7	0.11	>99.99%	634	1,101	183	0.0	0.01
6/21/2017	6/29/2017	8	SVE	194	100%	540	2,574	1.1	0.18	99.99%	619	1,146	143	0.1	0.01
6/29/2017	7/6/2017	7	SVE	166	99%	625	2,979	0.4	0.06	>99.99%	548	1,015	145	0.0	0.00
7/6/2017	7/13/2017	7	SVE	169	100%	513	2,476	1.3	0.21	99.99%	548	854	122	0.1	0.01
7/13/2017	7/20/2017	7	SVE	168	100%	911	4,960	0.0	0.00	>99.99%	529	1,651	236	0.0	0.00
7/20/2017	8/3/2017	14	SVE	143	43%	823	4,803	1.3	0.21	>99.99%	461	1,186	85	0.1	0.00
8/3/2017	8/10/2017	7	SVE	77	46%	738	4,307	13.4	2.15	99.95%	771	958	137	0.5	0.07
8/10/2017	8/17/2017	7	SVE	169	100%	832	5,730	44.3	7.12	99.88%	682	2,460	351	3.1	0.44
8/17/2017	8/24/2017	7	SVE	167	99%	1,000	6,837	27.0	4.34	99.94%	674	2,882	412	1.8	0.26
8/24/2017	8/31/2017	7	SVE	170	100%	790	5,401	17.7	2.84	99.95%	674	2,290	327	1.2	0.17
8/31/2017	9/7/2017	7	SVE	100	60%	775	4,430	6.7	1.08	99.98%	700	1,162	166	0.3	0.04
9/7/2017	9/14/2017	7	SVE	233	100%	979	4,922	41.7	6.70	99.86%	696	2,156	308	2.9	0.42
9/14/2017	9/21/2017	7	SVE	143	85%	636	3,698	6.1	0.98	99.97%	696	1,379	197	0.4	0.05
9/21/2017	9/28/2017	7	SVE	168	100%	586	4,049	13.3	2.14	99.95%	696	1,773	253	0.9	0.13
9/28/2017	10/5/2017	7	SVE	168	100%	661	4,567	5.7	0.48	99.99%	696	2,000	286	0.2	0.03
10/5/2017	10/12/2017	7	SVE	167	99%	699	4,788	28.0	2.34	99.95%	698	2,091	299	1.0	0.15
10/12/2017	10/19/2017	7	SVE	166	99%	610	4,178	5.9	0.49	99.99%	713	1,853	265	0.2	0.03
10/19/2017	10/26/2017	7	SVE	168	100%	610	4,373	10.7	0.89	99.98%	720	1,981	283	0.4	0.06
10/26/2017	11/2/2017	7	SVE	168	100%	654	4,688	10.8	0.90	99.98%	721	2,127	304	0.4	0.06
11/2/2017	11/9/2017	7	SVE	169	100%	390	3,060	10.7	0.89	99.97%	719	1,385	198	0.4	0.06
11/9/2017	11/16/2017	7	SVE	166	99%	675	5,296	0.0	0.00	>99.99%	718	2,364	338	0.0	0.00
11/16/2017	11/21/2017	5	SVE	122	100%	601	4,715	0.0	0.00	>99.99%	719	1,524	305	0.0	0.00
11/21/2017	11/30/2017	9	SVE	225	100%	576	4,985	0.0	0.00	>99.99%	714	2,880	320	0.0	0.00
11/30/2017	12/7/2017	7	SVE	157	93%	332	2,873	1.1	0.09	>99.99%	712	1,203	172	0.0	0.01
12/7/2017	12/14/2017	7	SVE	169	100%	352	2,759	0.7	0.06	>99.99%	712	1,236	177	0.0	0.00
12/14/2017	12/29/2017 [g]	15	SVE	255	71%	421	3,300	0.4	0.03	>99.99%	712	2,244	150	0.0	0.00
12/29/2017	1/4/2018	6	SVE	124	86%	437	3,425	0.0	0.00	>99.99%	704	1,120	187	0.0	0.00
1/4/2018	1/11/2018	7	SVE	168	100%	477	3,739 *	0.0	0.00	>99.99%	707	1,663	238	0.0	0.00
1/11/2018	1/18/2018	7	SVE	168	100%	515	4,036 *	0.0	0.00	>99.99%	705	1,791	256	0.0	0.00
1/18/2018	1/25/2018	7	SVE	171	100%	475	3,723 *	0.0	0.00	>99.99%	705	1,652	236	0.0	0.00

Notes:
% - percent
hrs - hours
scfm - standard cubic feet per minute
TPH - total petroleum hydrocarbons

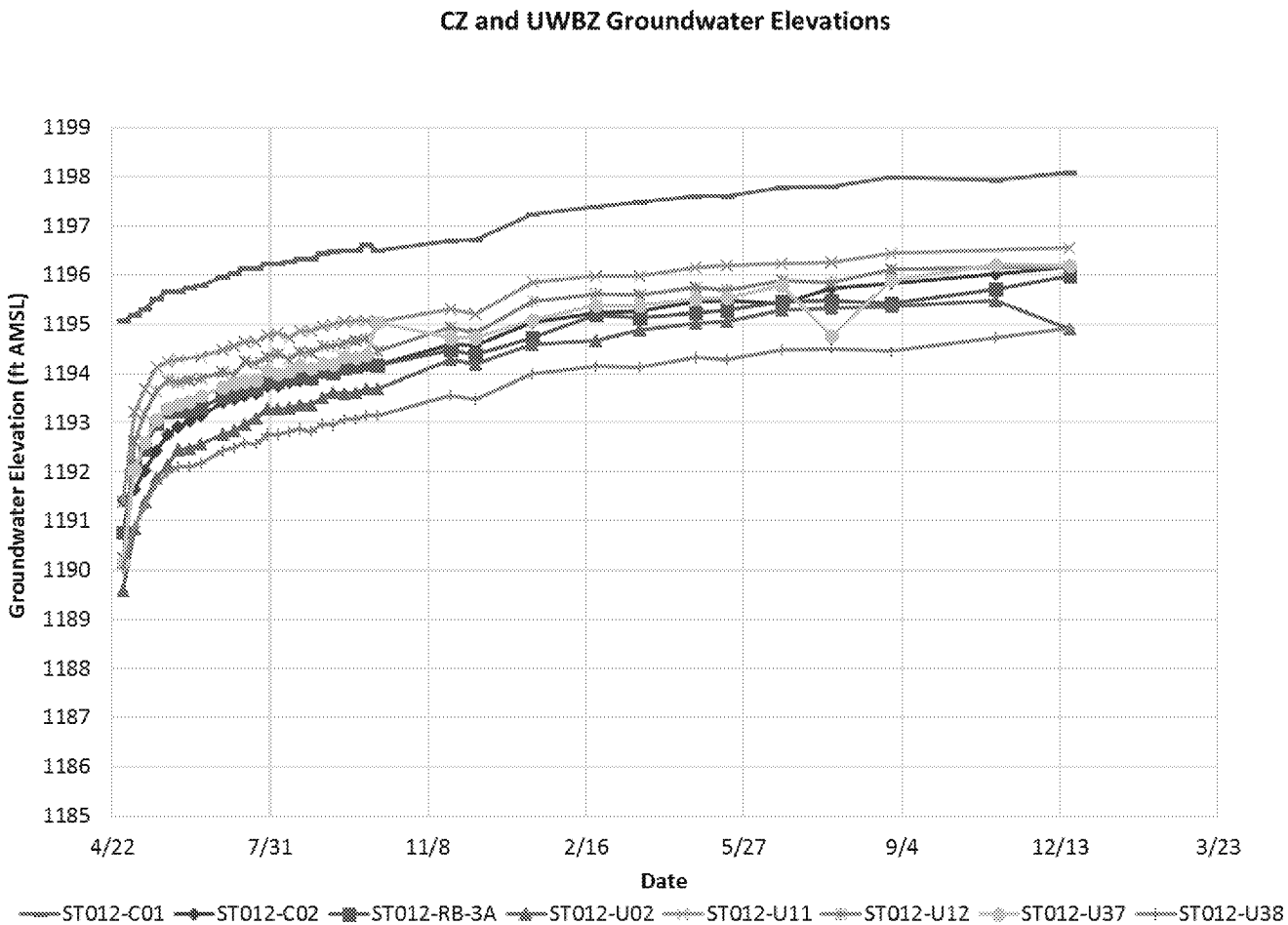
Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Flame Oxidizer Operated[d]	Flame Oxidizer Uptime[a]	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[f]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)	Calculated Destruction Efficiency[b]	Flowrate into Oxidizer (End of Period)	Estimated VOC Mass Removed[c]	Average Daily Removal Rate[c]	Estimated VOC Mass Released to Atmosphere[c]	Average VOC Mass Released to Atmosphere[c]

JP-4 - jet petroleum fuel grade four
lbs - pounds
mg/m^3 - milligrams per cubic meter
ppmv - parts per million by volume
PID - photoionization detector
SVE - soil vapor compound
VOC - volatile organic compound
ACE - active containment extraction system

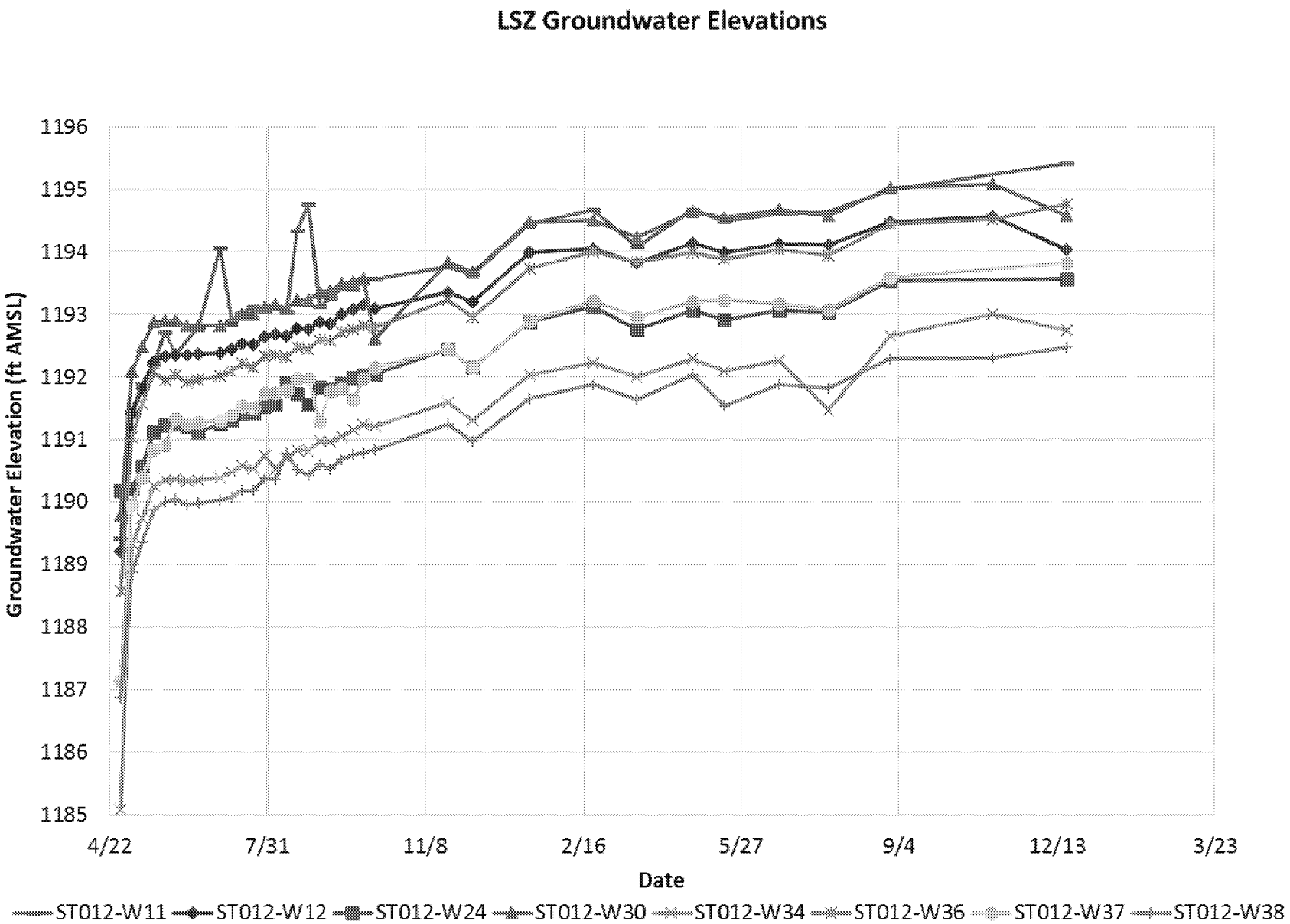
* Concentration and associated calculated values may change after receipt of subsequent analytical data.
(a) Discrepancies in runtime clocks for the flame oxidizer have been observed since restart. The system is being observed and diagnosed. The primary blower hours are currently used to calculate uptime.
(b) Calculated destruction efficiencies are calculated using a single sampling event for each week, not using the average influent and effluent results.
(c) Mass and volumes are calculated based on laboratory data for TPH reported as JP-4. As has been the basis for previous calculations at ST012, the average molecular weight of TPH as JP-4 is assumed equivalent to xylene (106.168 grams per mole). The assumed liquid density of the fuel is 6.57 lbs per gallon.
(d) An error in hour recording caused an anomaly in hours that the flame oxidizer operated for the weeks ending 25 August and 2 September 2017. The operation hours were estimated based on the flame oxidizer temperature chart recorder.
(e) To address inconsistencies in influent PID and flow rate measurements, system piping was changed on 13 October 2016. Flow rate measurements prior to this date are reported in acfm, and after this date are reported in scfm.
(f) The influent PID correction factor calculation has been revised to reflect a three-value rolling average (the average of the correction factor for the analytical sample collected one event prior, the current event, and one event after).
(g) Data is not available for flame oxidizer for the week ending 29 December due to prolonged system shutdown because of a PLC malfunction.

IV. GROUNDWATER ELEVATION MONITORING

Groundwater elevations monitored since the shutdown of the final extraction phase of SEE (29 April 2016). Starting with the week ending 07 October 2016, groundwater elevation monitoring will be performed monthly at all perimeter monitoring locations, except ST012-W11 and ST012-W37, which will be monitored weekly based on continued LNAPL recovery.

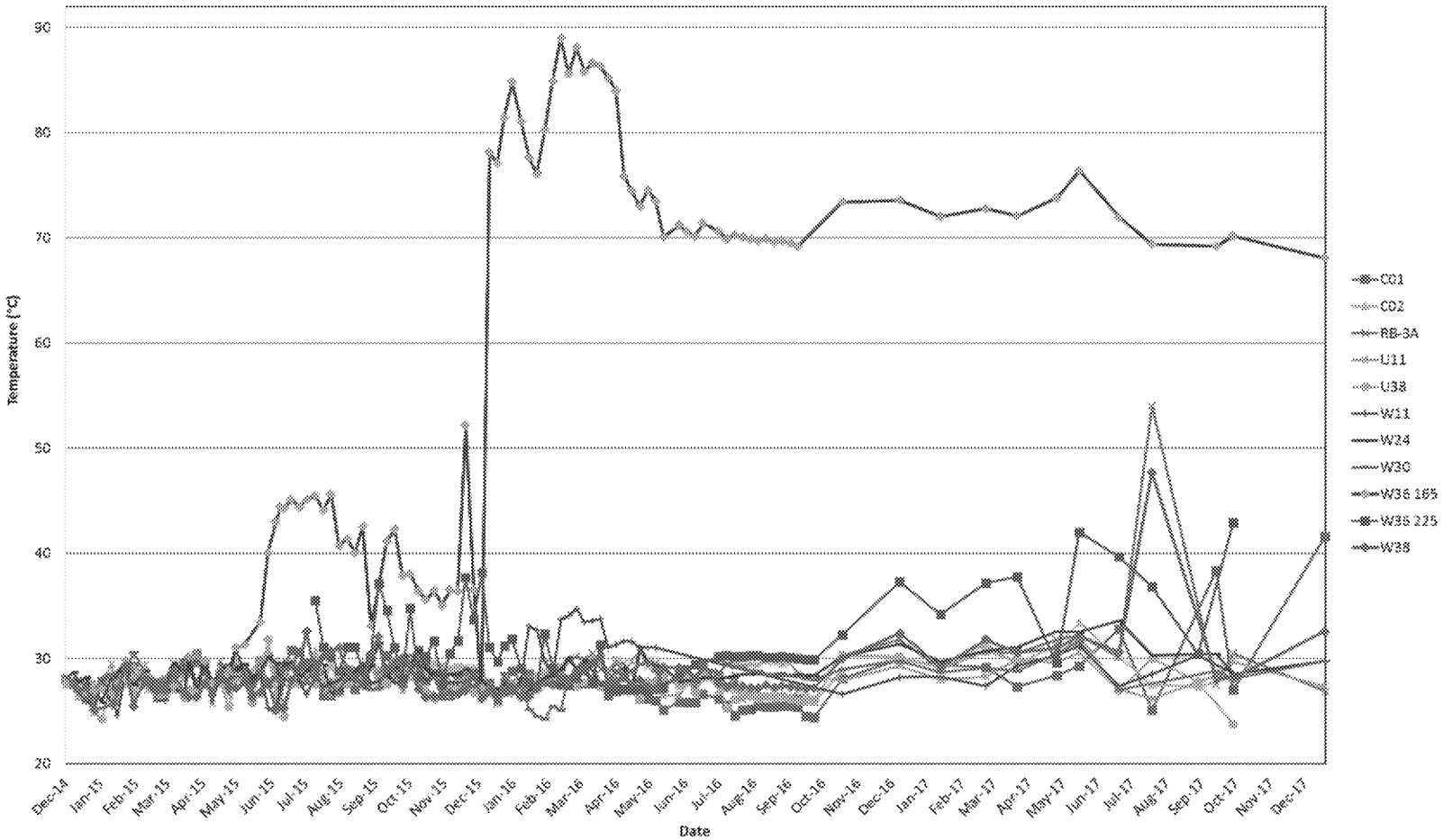


Note: Increased groundwater elevation in ST012-W11 on 19 August and 26 August 2016 are suspected to be influenced by LNAPL in the monitoring well caused by malfunctioning measuring equipment.


LSZ Groundwater Elevations
Groundwater Elevation (ft AMSL)
1196
1195
1194
1193
1192
1191
1190
1189
1188
1187
1186
1185
4/22
7/31
11/8
2/16
5/27
9/4
12/13
3/23
Date
ST012-W11
ST012-W12
ST012-W24
ST012-W30
ST012-W34
ST012-W36
ST012-W37
ST012-W38

V. SUBSURFACE TEMPERATURE MONITORING

A. Perimeter Monitoring Well Temperatures



Notes:

1. Thermocouples are measured at approximate depths as follows (in feet below top of casing): C01=162; C02=168; RB-3A=161; U11=180; U38=164; W24=230; W30=231; W36=225; W11=228; and W38=228.
2. Existing permanent thermocouples were removed for maintenance on 30 September 2016. Readings after 30 September 2016 have been taken with a portable manually placed thermocouple.
3. Seven thermocouple readings on 29 August 2017 appeared to be erroneous as they changed by more than 10 °C and are not included above. Additional temperature data was collected on 14 September 2017 for these seven thermocouples for corrected data included above.

VI. SEE TEMPERATURE MONITORING POINTS

This section will be updated periodically with new temperature monitoring point (TMP) data.

Depth (ft BTOC)	TMP01 (°F)											TMP02 (°F)											TMP04[(b)] (°F)											Boiling Point (°F)[(c)]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	
100	117	124	124	128	135	138	128	140	136	80	79	95	92	89	92	92	89	92	93	91	102	95	47	120	124	119	126	123	124	116	117	120	130	213
120	94	86	---	---	---	---	---	---	179	184	173	89	92	91	91	92	91	95	95	93	84	97	63	152	152	145	150	149	146	139	140	140	143	213
130												90	93	92	92	94	92	94	96	94	88	97												213
140	208	207	204	210	210	222	208	228	225	215	200	93	93	93	93	95	95	95	99	96	92	104	79	174	172	165	167	166	160	151	153	150	147	213
145												92	95	94	94	96	96	98	101	98	96	107												213
150	221	222	218	225	218	229	220	216	231	223	[illegible]	96	96	95	97	98	98	100	103	100	99	111	78	167	169	165	167	163	156	150	153	145	141	214
155												96	97	96	99	99	99	104	105	102	102	114												220
160	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	230	97	98	97	100	100	101	103	106	104	104	113	79	173	174	170	172	168	164	153	156	153	155	226
165												---	97	---	102	101	102	105	106	105	105	113												231
170	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84	[illegible]	99	101	100	102	103	105	106	108	107	107	116	90	190	192	189	191	188	187	178	178	172	169	236
175												101	103	102	105	106	108	109	111	109	110	116												241
180	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80	[illegible]	103	107	105	108	109	107	112	114	112	113	122	103	211	213	210	210	206	206	197	195	189	180	246
185												107	110	109	112	113	113	117	118	116	118	126												250
190												113	114	105	116	117	118	120	122	119	122	130	108	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	216	218	209	206	255
195	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	---	[illegible]	77	---	116	118	117	120	120	119	124	126	124	127	135												259
200												---	119	---	123	124	127	129	130	128	133	138	128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	206	208	200	213	262
205												123	125	125	128	129	130	134	136	135	141	146												266
210												127	128	131	136	137	137	142	146	145	151	157	129	[illegible]	213	220	218	201	205	213	212	92	210	269
215												132	136	138	145	146	147	153	155	155	161	166												272
220												133	139	144	149	153	154	162	164	163	169	172	132	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	212	185	212	209	275
225												138	146	152	161	162	164	170	172	171	176	180												277
230												141	149	156	164	166	167	174	175	173	179	182	173	[illegible]	--	[illegible]	----	[illegible]	[illegible]	---	---	---	103	280
235												132	141	145	152	153	155	162	163	162	170	173												282
242												118	126	128	132	138	138	147	148	147	158	162												284

Depth (ft BTOC)	TMP05 (°F)											TMP06 (°F)											TMP07 (°F)											Boiling Point (°F) [2]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	
100	116	119	125	127	125	124	127	125	138	130	139	111	116	120	124	121	129	125	114	128	121	130												213
120	152	153	157	163	161	159	166	161	175	167	177												99	100	96	74	103	83	83	96	103	109	---	213
130																																		213
140	195	197	199	204	200	197	201	198	210	198	206	205	207	210	214	208	211	210	195	211	198	206	104	108	105	113	111	120	130	126	126	131	131	213
145																																		213
150												211	214	217	221	214	220	216	203	217	205	215	111	114	114	125	124	126	135	135	137	142	146	214
155																																		220
160	37	33	--	---	----	----	----	----	231	220	226												123	126	130	135	133	135	148	146	145	---	152	226
165																																		231
170												210	212	217	225	220	226	224	212	228	227	231	144	147	147	154	154	154	161	164	162	160	163	236
175																																		241
180												212	213	220	----	----	----	---	---	212	91	221	176	178	176	181	185	174	149	175	181	176	176	246
185																																		250
190																							222	218	216	218	219	210	213	213	223	199	192	255
195																																		259
200																							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	234	---	240	228	210	206	262
205																																		266
210																							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	241	207	[illegible]	233	216	210	269
215																																		272
220																							[illegible]	[illegible]	[illegible]	336	336	226	---	---	229	212	207	275
225																																		277
230																							[illegible]	229	227	229	[illegible]	[illegible]	235	---	234	202	197	280
235																																		282
242												225	221	216	220	208	200	196	175	177	152	149	213	197	193	190	----	-----	----	---	186	92	90	284

Depth (ft BTOC)	TMP08 (°F)											TMP10 (°F)											TMP11 (°F)											Boiling Point (°F) [2]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	
100	88	99	96	99	96	101	98	94	93	98	102	90	92	92	89	91	---	----	----	---	---		94	109	106	101	107	110	112	117	114	111	118	213
120	89	99	97	97	95	99	97	94	100	99	103	111	111	113	113	114	118	114	114	116	114	124	129	139	142	142	143	143	145	147	146	138	142	213
130	90	97	98	98	98	103	98	94	100	100	104	130	125	125	124	124	126	123	124	123	118	126	160	162	164	164	162	162	166	170	164	154	156	213
140	92	95	97	100	99	100	99	95	101	101	105	134	131	130	130	131	131	130	131	131	95	131	177	178	178	180	176	178	177	180	178	154	167	213
145	89	90	87	91	90	96	95	91	96	104	108												177	181	182	183	180	183	182	187	182	166	168	213
150	97	100	96	105	10	104	101	101	108	107	110												183	187	183	184	180	180	182	184	182	168	169	214
155	99	105	104	107	103	109	106	103	109	111	113	113	108	112	115	116	107	117	118	119	112	121	181	177	179	178	177	178	178	182	177	168	167	220
160	105	109	110	119	110	116	114	110	116	119	120	109	106	111	---	----	---	----	----	----		----	176	175	176	179	176	179	178	181	178	168	171	226
165	112	113	116	111	117	122	113	116	123	126	127	109	106	113	116	118	120	119	123	124	123	129	167	171	172	174	173	176	173	182	177	169	172	231
170	114	124	125	129	126	132	132	124	132	131	132	106	110	114	116	117	121	122	123	125	125	129	164	169	173	176	174	179	175	182	181	170	177	236
175	130	133	135	136	133	134	133	131	140	139	139	122	100	--	--	----	---	----	----	129	123	128	161	166	171	176	172	178	178	184	181	170	179	241
180	137	148	147	147	149	147	140	136	145	147	144	120	113	117	116	117	120	126	124	124	120	----	164	168	172	177	175	179	181	185	181	171	182	246
185	137	147	146	147	148	151	150	140	145	143	141	136	132	135	135	135	138	----	----	142	137	139	174	174	177	183	175	190	189	193	190	173	186	250
190	144	147	142	148	145	149	145	140	145	141	139	150	139	138	136	138	143	142	141	141	138	141	193	194	196	200	197	200	200	207	202	183	194	255
195	143	147	148	151	149	150	147	142	146	144	140	157	151	151	147	149	151	146	149	147	NA	----	207	207	208	212	208	211	210	214	208	190	198	259
200	114	119	121	123	123	127	126	124	128	129	131	171	48	--	---	----	---	----	----	159	150	148	217	223	225	224	219	222	220	230	214	197	203	262
205	138	152	150	153	151	154	148	149	152	145	144	184	176	174	171	170	171	166	165	163	159	162	[illegible]	233	235	233	229	227	225	236	230	202	206	266
210	149	151	147	151	148	151	145	146	150	142	141	181	174	169	166	164	165	158	157	156	142	152	[illegible]	244	247	236	231	233	226	238	232	198	203	269
215	148	147	149	148	148	149	148	145	147	94	141	179	174	167	166	164	164	163	162	164	149	152	[illegible]	244	246	236	234	232	219	232	215	198	198	272
220	145	147	144	147	143	149	140	141	144	141	140	174	166	172	171	167	163	162	163	161	149	152	217	224	221	226	215	218	213	212	207	186	191	275
225	141	150	148	149	147	149	143	141	146	142	140	166	171	172	173	170	174	167	140	169	106	160	213	206	206	206	201	204	198	200	194	177	179	277
230	141	148	148	148	147	149	148	143	146	142	140	145	170	163	166	161	156	155	155	155	138	143	192	186	186	190	184	186	181	184	180	165	168	280
235	144	148	148	149	146	147	144	142	145	143	140	129	132	134	139	136	137	135	134	135	132	136	162	168	170	170	169	172	168	172	164	149	156	282
242	138	146	147	149	148	150	147	142	145	143	140	134	122	134	141	138	134	138	139	144	144	151	142	141	151	152	152	156	152	157	146	136	147	284

Depth (ft BTOC)	TMP13[b] (°F)											TMP16 (°F)											Boiling Point (°F)[c]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	O-17	J-18	
100	130	153	135	136	135	130	134	132	134	131	136	115	115	124	123	128	128	126	126	128	124	136	213
120												145	157	159	160	160	162	156	156	157	151	159	213
130	186	186	186	184	182	180	181	178	178	171	172	165	180	181	180	178	178	174	174	172	164	170	213
140												174	199	193	196	194	194	188	188	187	175	179	213
145	205	204	205	202	199	196	196	193	193	183	182	187	201	197	199	196	197	191	191	189	177	182	213
150												178	200	199	199	197	197	192	191	189	179	181	214
155	209	209	208	207	204	200	200	197	198	185	184	181	199	196	197	192	193	191	187	185	175	178	220
160												187	191	195	194	191	193	188	187	186	175	179	226
165	224	224	224	222	218	215	217	211	213	200	197	187	196	204	200	199	199	198	196	193	182	186	231
170												192	204	209	211	207	211	208	205	203	191	194	236
175	233	235	235	232	229	227	226	222	225	212	208	197	214	213	216	212	212	210	208	207	196	200	241
180												196	218	218	221	216	218	213	213	211	203	205	246
185	242	245	247	243	241	238	231	235	239	225	223	205	226	228	229	225	227	221	219	221	208	209	250
190												205	238	239	242	237	240	233	233	232	218	217	255
195	254	257	257	256	253	249	247	247	249	235	232	217	248	248	248	242	239	233	234	235	222	222	259
200												232	256	255	250	249	249	246	242	241	225	225	262
205	261	264	263	261	257	254	253	249	250	237	233	241	264	259	252	254	256	251	240	246	225	224	266
210												230	258	253	250	246	248	240	239	238	221	221	269
215	260	259	257	255	250	247	245	239	236	227	232	240	249	249	246	240	240	234	231	232	216	213	272
220												227	236	235	232	225	227	224	221	221	204	203	275
225	242	240	--	---	----	----	---	---	234	211	206	206	219	215	214	210	212	208	203	202	189	188	277
230												175	195	199	196	192	191	188	183	185	176	177	280
235	202	203	203	203	201	200	202	196	198	192	188	161	174	177	175	171	171	168	----	169	158	161	282
242												130	157	156	157	156	160	155	155	157	145	150	284

100°F 175°F 250°F

ft BTOC - feet below top of casing

°F – degrees Fahrenheit

NR - not recorded due to instrumentation malfunction

[a] During SEE operations, TMP04 became non-functional as of June 2015. Data collected from this TMP will be closely monitored for erroneous readings.

[b] During SEE operations, TMP13 was compromised in March and July of 2015. Select sensors were repaired, however, readings from this TMP are very close to boiling and are considered suspect.

[c] Estimated boiling points by elevation are based on an assumed groundwater elevation of 149 ft below ground surface.

VII. LNAPL MONITORING

A. Perimeter LNAPL Thickness (ft)

Starting with the week ending 07 October 2016, groundwater elevation monitoring is performed monthly at all perimeter monitoring locations, except ST012-W11 and ST012-W37, which are monitored weekly based on continued LNAPL recovery.

Monitoring Well	1/5/2018			1/12/2018			1/19/2018			1/26/2018		
	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed
CZ												
ST012-C01	---	---	---	---	---	---	---	---	---	---	---	---
ST012-C02	---	---	---	---	---	---	---	---	---	---	---	---
UWBZ												
ST012-U02	---	---	---	---	---	---	---	---	---	---	---	---
ST012-U11	---	---	---	---	---	---	---	---	---	---	---	---
ST012-U12	---	---	---	---	---	---	---	---	---	---	---	---
ST012-U37	---	---	---	---	---	---	---	---	---	---	---	---
ST012-U38	---	---	---	---	---	---	---	---	---	---	---	---
ST012-RB-3A	---	---	---	---	---	---	---	---	---	---	---	---
LSZ												
ST012-W11	2.37	0.55	1.00	1.78	0.53	1.50	0.88	0.88	0.00	1.08	1.08	0.00
ST012-W12	---	---	---	---	---	---	---	---	---	---	---	---
ST012-W24	---	---	---	---	---	---	---	---	---	---	---	---
ST012-W30	---	---	---	---	---	---	---	---	---	---	---	---
ST012-W34	---	---	---	---	---	---	---	---	---	---	---	---
ST012-W36	---	---	---	---	---	---	---	---	---	---	---	---
ST012-W37	3.00	1.06	2.00	2.31	0.72	1.50	1.57	1.57	0.00	1.83	0.42	1.50
ST012-W38	---	---	---	---	---	---	---	---	---	---	---	---

Note: In the 12 January 2018 site operations report, LNAPL data for ST012-W37 on 1/5/2018 and 1/12/2018 was erroneously reported for well ST012-W38.

B. LNAPL Monitoring and Removal

The table included with this report as Attachment 1 summarizes the removal and monitoring performed at LNAPL screened wells.

VIII. WASTE GENERATION AND RECYCLING

No site-derived waste or recyclable material was removed this week.

IX. TWO WEEK LOOK AHEAD

A. EBR Construction – None

B. Containment System Construction - None

C. Containment System Operation - None

D. Sampling/Monitoring Activities

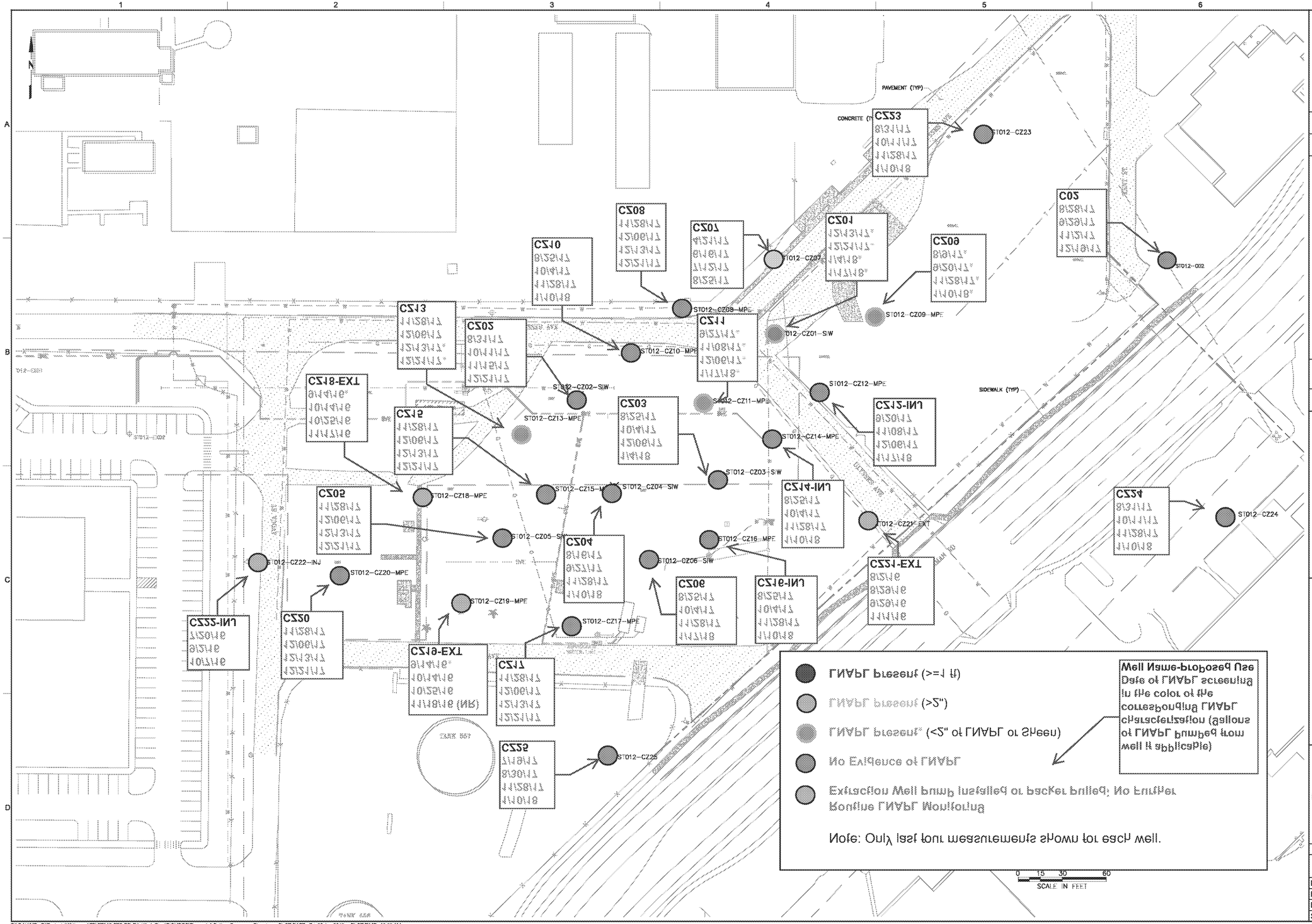
1. Pumping and bailing to remove NAPL from SEE wells
2. Continued NAPL screening in SEE extraction and injection wells

E. SVE System Operation/Optimization

1. Continue operation of thermal oxidizer and flame oxidizer with SVE system
2. Continue to evaluate thermal and flame oxidizers for potential shutdown of flame oxidizer

X. ATTACHMENTS

1. LNAPL Screening Figures based on table in Attachment 2
2. LNAPL Monitoring and Removal Table



LNAPL Present (>=1 ft)

LNAPL Present (>5")

LNAPL Present (<5" of LNAPL or Sheen)

No Evidence of LNAPL

Extraction Well Pump Installed or Packer Installed; No Further Monitoring

Well Name-Proposed Use
Date of LNAPL screening
In the color of the corresponding LNAPL characterization (gallons of LNAPL pumped from well if applicable)

Note: Only last four measurements shown for each well.

NO.	DATE	DR	REVISION	CHK	APVD	BY	APVD
DSGN							

REMEDIAL DESIGN/ REMEDIAL ACTION
WORK PLAN
ST012-FORMER WILLIAMS AIR FORCE BASE
MESA, ARIZONA

DRAWING STATUS
CONSTRUCTION RFP DRAWINGS

amec foster wheeler
Environment & Infrastructure, Inc.
511 Congress Street, Suite 200
Portland, ME 04112
(207) 775 - 5401

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE
PROJ 9101-11-0001
DWG
SHEET OF 15

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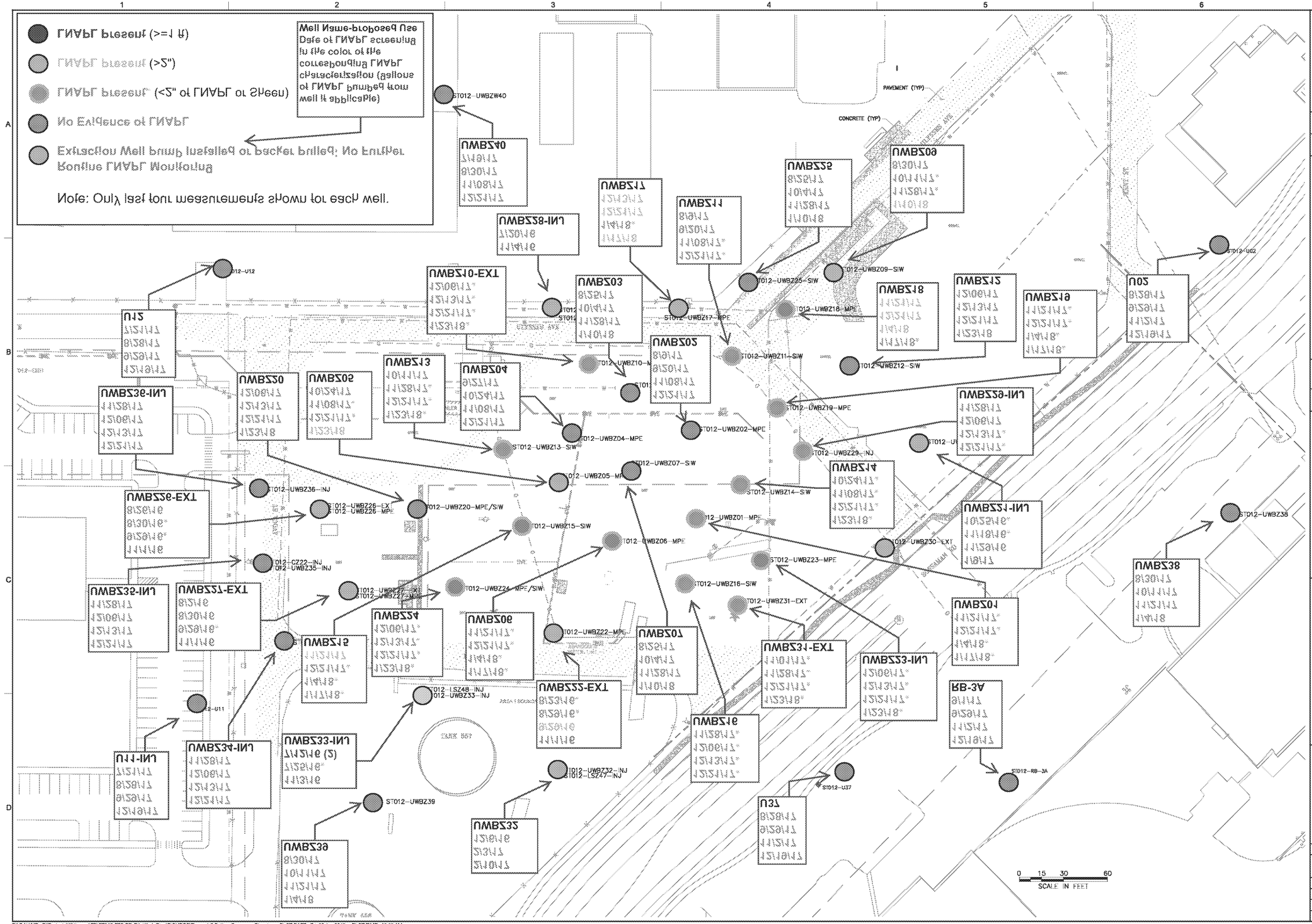
FILE NAME: Z:\Projects\Williams AFB\ST012 FFS-RD-RA Work Plan\FIGURES\Figure 1.1 Drilling Sequence Plan.dwg PLOT DATE: Fri, 06 Jan 2017 PLOT TIME: 10:55 AM



NO.	DATE	DR	REVISION	CHK	APVD	BY	APVD
DSGN							

REMEDIAL DESIGN/ REMEDIAL ACTION
WORK PLAN
ST012-FORMER WILLIAMS AIR FORCE BASE
MESA, ARIZONA

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CONSTRUCTION RFP DRAWINGS

amec foster wheeler
Environment & Infrastructure, Inc.
511 Congress Street, Suite 200
Portland, ME 04112
(207) 775 - 5401

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0 1"

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FILE NAME: Z:\Projects\Williams AFB\ST012 FFS-RD-RA-Work Plan\FIGURES\Figure 1.2 Drilling Sequence Plan.dwg PLOT DATE: Fri, 06 Jan 2017 PLOT TIME: 10:55 AM

LNAPL Present (>=1 ft)

LNAPL Present (>2")

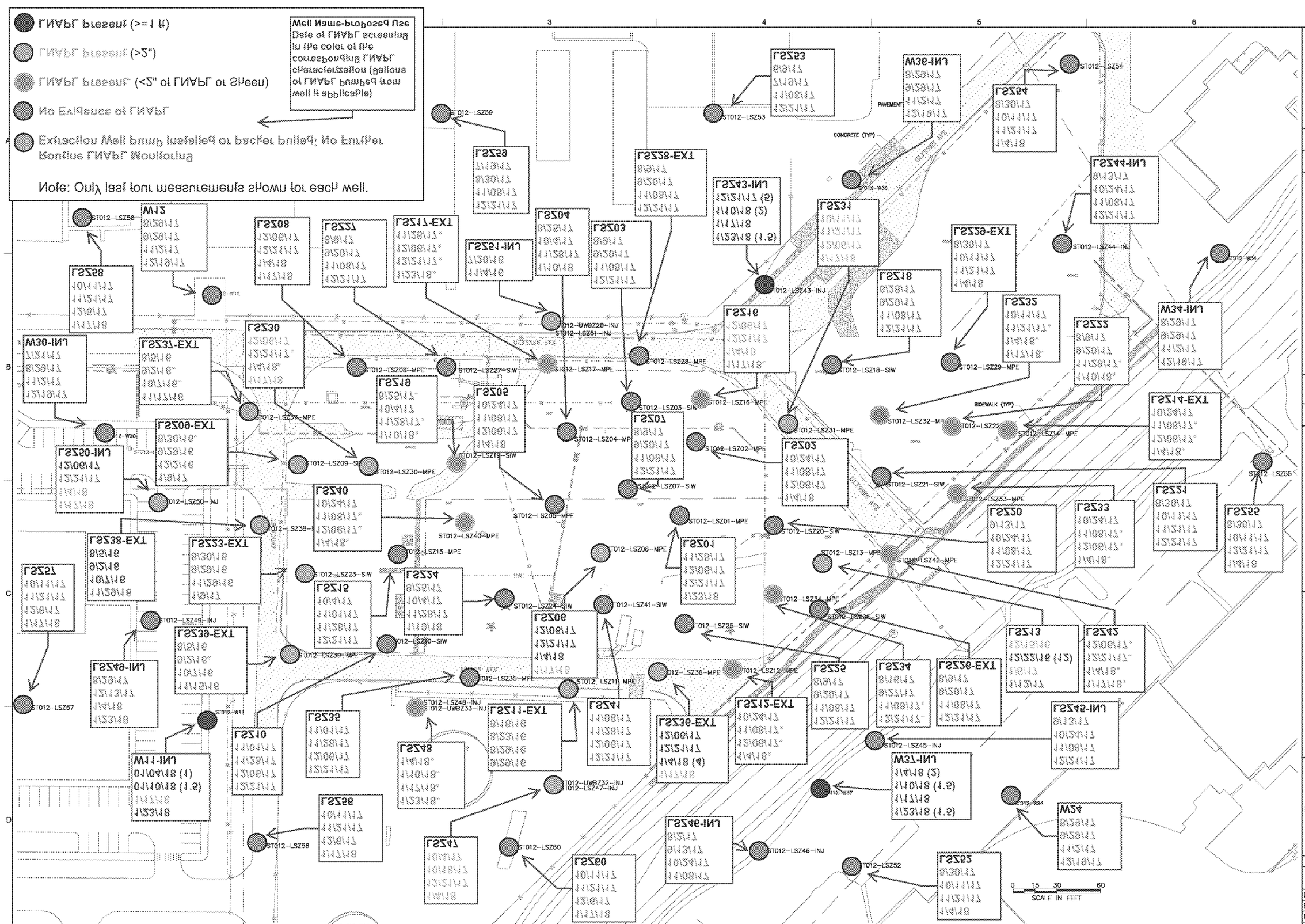
LNAPL Present (<2" of LNAPL or Sheen)

No Evidence of LNAPL

Extraction Well Pump Installed or Bailer Used; No Evidence Conclusive LNAPL Monitoring

Well Name-Proposed Use
Date of LNAPL screening
In the color of the corresponding LNAPL classification (gallons of LNAPL pumped from well if applicable)

Note: Only last four measurements shown for each well.



NO.	DATE	REVISION	BY	APVD
DSGN	DR	CHK	APVD	

REMEDIAL DESIGN/ REMEDIAL ACTION
WORK PLAN
ST012-FORMER WILLIAMS AIR FORCE BASE
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DATE	
PROJ	9101-11-0001
DWG	
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FILE NAME: Z:\Projects\Williams AFB\ST012 FFS-RD-RA-Work-Plan\FIGURES\Figure 1.3 Drilling Sequence Plan.dwg PLOT DATE: Thu, 12 Jan 2017 PLOT TIME: 1:40 PM

Attachment 2. LNAPL Monitoring and Removal

The following table summarizes the removal and monitoring performed at LNAPL screened wells. LNAPL monitoring of wells was prioritized based on expected future usage of each well as part of EBR. Subsequent LNAPL monitoring/removal frequency was prioritized based on the amount of LNAPL, the observed LNAPL recharge, and the temperature of each well. LNAPL monitoring and removal was initially conducted weekly at wells with LNAPL and the frequency has been reduced in some locations depending on whether LNAPL returns after pumping/bailing.

Dual screened wells (UWBZ28/LSZ51, UWBZ32/LSZ47, and UWBZ33/LSZ48, and CZ22/UWBZ35) are not routinely checked for LNAPL due to the packers installed between the two screen intervals and the associated air line and injection piping. Periodically, when collecting groundwater samples or doing maintenance work on the packers, LNAPL measurements have been collected. If LNAPL is observed while packers are temporarily removed, LNAPL is assumed to originate from the screened interval(s) that had positive dye test results in soil during well installation.

Any additional wells that are monitored in future weeks will be included on this table:

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
CZ01	7/19/2016	N	Y	NM	146 (2)	0.3 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	147 (2)	0.06 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.17 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	11/16/2016	N	Y	---	145 (2)	0.20 (1)	N	Y	---	---	---	0
	11/18/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/29/2016	N	Y	NM	145 (2)	0.17 (1)	N	Y	---	---	---	0
	12/13/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	145 (2)	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	NM	145 (2)	0.02 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	145 (2)	0.17 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	NM	144 (2)	0.03 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	NM	144 (2)	0.13 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	NM	144 (2)	0.13 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	NM	145 (2)	0.04 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	NM	145 (2)	0.02 (1)	N	Y	---	---	---	0
	6/16/2017	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	6/28/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	7/12/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	7/27/2017	N	Sheen	NM	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/9/2017	N	Y	NM	145 (2)	Sheen	N	Y	---	---	---	0
	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	9/27/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	10/11/2017	N	N	---	145 (2)	---	N	Y	---	---	---	0
	10/24/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/1/2017	N	Y	143 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	146 (2)	NM	0.03 (1)	N	Y	---	---	---	0
	12/13/2017	N	Y	146 (2)	NM	0.05 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	1/17/2018	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	7/12/2016	N	N	---	144 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.25 (1)	N	Y	---	---	---	0
	8/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.25 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/16/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	11/18/2016	N	N	---	149 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/13/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/15/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/19/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/31/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/11/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/15/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ02	12/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/11/2016	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ03	1/4/2018	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	4/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/26/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/5/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ04	1/10/2018	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	12/6/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ05	12/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/11/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
CZ06	1/17/2018	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/13/2016	N	Y	NM	142 (2)	0.04 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	143.5 (2)	144 (2)	0.50 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	144 (2)	0.01 (1)	N	Y	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	6/16/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ07	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/13/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/12/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	5/26/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/5/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ08	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/22/2016	N	Y	NR	NR	0.13 (1)	N	Y	---	---	---	0
	7/18/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	---	146 (2)	0.08 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	145 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/17/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/28/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/9/2017	N	Y	146 (2)	146 (2)	Sheen	N	Y	---	---	---	0
	9/20/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	146 (2)	NM	0.10 (1)	N	Y	---	---	---	0
CZ09	1/10/2018	N	Y	147 (2)	NM	0.15 (1)	N	Y	---	---	---	0
	6/23/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	7/27/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ10	1/10/2018	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/23/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	7/7/2016	N	Sheen	---	NM	---	N	Sheen	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/20/2017	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	4/12/2017	N	Y	146 (2)	146 (2)	0.13 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/5/2017	N	Sheen	148 (2)	NM	Sheen	N	Y	---	---	---	0
	8/16/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/27/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
CZ11	1/17/2018	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	5/13/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/7/2016	N	Y	149	NM	NM	Y	N	NR	NR	NR	1
	6/23/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	N	NM	156	NM	N	N	---	---	---	0
	7/13/2016	N	Y	143 (2)	150 (2)	7 (1)	N	Y	---	---	---	0
	7/19/2016	N	Sheen	---	146 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	---	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	Sheen	---	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/17/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	146 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
CZ12	1/17/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/29/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	5/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/2/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
CZ13	12/21/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	5/22/2016	N	N	---	---	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/7/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	NR	3
	6/22/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	Sheen	152 (2)	152 (2)	Sheen	N	Sheen	---	---	---	0
	7/7/2016	N	Sheen	---	NM	---	N	Sheen	---	---	---	0
	7/11/2016	N	Sheen	142 (2)	142 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	Y	146 (2)	148 (2)	2	N	Y	---	---	---	0
	2/13/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	4/21/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	6/2/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ14	1/10/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/22/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ15	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/7/2016	N	Y	151 (2)	NM	NM	Y	N	151 (2)	NR	NR	1
	6/22/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	N	---	152 (2)	---	N	N	---	---	---	0
	7/11/2016	N	N	---	141 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ16	1/10/2018	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/7/2016	N	NM	NM	149 (2)	NM	N	NM	---	---	---	0
	11/22/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ17	12/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/31/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/15/2016	N	N	NM	149 (2)	NM	N	N	---	---	---	0
	6/22/2016	N	Y	NM	NM	0.13	N	Y	---	---	---	0
	6/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2016	N	Y	---	144 (2)	0.02 (1)	N	Y	---	---	---	0
	7/28/2016	N	Y	---	148 (2)	0.01	N	Y	---	---	---	0
	8/3/2016	N	Y	---	148 (2)	0.01	N	Y	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.01	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.01	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	147 (2)	0.01	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.02	N	Y	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ18	11/9/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/31/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/22/2016	N	N	---	NM	---	N	N	---	---	---	0
	6/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/12/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	7/28/2016	N	Y	NM	147 (2)	0.01	N	Y	---	---	---	0
	8/3/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/15/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/23/2016	N	Y	NM	149 (2)	0.01	N	Y	---	---	---	0
	8/30/2016	---	---	---	---	---	---	---	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.01	N	Y	---	---	---	0
	10/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2016	N	Y	NM	148 (2)	1.5	Y	Y	NR	NR	NR	2 (10)
CZ19	11/9/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	146 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	4/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ20	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/20/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ21*	11/9/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	7/20/2016	N	N	---	---	---	N	N	---	---	---	0
	9/2/2016(5)	Y	N	---	143.64	---	N	N	---	---	---	0
	9/2/2016(6)	Y	N	---	143.58	---	N	N	---	---	---	0
	10/7/2016(5)	Y	N	---	143.06	---	N	N	---	---	---	0
	10/7/2016(6)	Y	N	---	143.06	---	N	N	---	---	---	0
	11/4/2016(7)	Y	Y	142.98	143.64	0.66	N	N	---	---	---	0
	12/8/2016(6)	Y	N	---	144.69	---	N	N	---	---	---	0
	1/13/2017(6)	Y	N	---	144.69	---	N	N	---	---	---	0
	2/24/2017(6)	Y	N	---	142.74	---	N	N	---	---	---	0
	3/22/2017(6)	Y	N	---	143.12	---	N	N	---	---	---	0
	4/26/2017(6)	Y	N	---	142.15	---	N	N	---	---	---	0
	5/16/2017(6)	Y	N	---	143.00	---	N	N	---	---	---	0
	6/20/2017(6)	Y	N	---	142.87	---	N	N	---	---	---	0
	7/12/2017(6)	Y	N	---	141.91	---	N	N	---	---	---	0
	11/1/2017(6)	Y	N	---	142.48	---	N	N	---	---	---	0
	11/28/2017(6)	Y	N	---	141.52	---	N	N	---	---	---	0
	12/6/2017(6)	Y	N	---	141.37	---	N	N	---	---	---	0
	12/13/2017(6)	Y	N	---	141.37	---	N	N	---	---	---	0
CZ22/ UWBZ35*	12/21/2017(6)	Y	N	---	141.46	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	145.98	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	145.46	---	N	N	---	---	---	0
	3/14/2017	Y	N	---	145.49	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	145.20	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	144.96	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	145.03	---	N	N	---	---	---	0
	8/31/2017	Y	N	---	144.75	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	144.68	---	N	N	---	---	---	0
	11/28/2017	Y	N	---	144.61	---	N	N	---	---	---	0
CZ23*	1/10/2018	Y	N	---	144.65	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	147.22	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	146.67	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	146.53	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	146.37	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	146.30	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	146.17	---	N	N	---	---	---	0
	8/31/2017	Y	N	---	147.88	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	145.80	---	N	N	---	---	---	0
	11/28/2017	Y	N	---	145.72	---	N	N	---	---	---	0
CZ24*	1/10/2018	Y	N	---	145.76	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	143.57	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	143.22	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	143.24	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	142.90	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	142.75	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	142.37	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	142.41	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	142.40	---	N	N	---	---	---	0
	11/28/2017	Y	N	---	142.26	---	N	N	---	---	---	0
CZ25*	1/10/2018	Y	N	---	142.27	---	N	N	---	---	---	0
	11/22/2016	N	Y	145 (2)	148 (2)	3 (1)	Y	Y	147 (2)	148 (2)	1 (1)	20

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	12/8/2016	N	Y	146.6 (2)	148 (2)	1.4 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	NM	148 (2)	0.6 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	148 (2)	0.7 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	NM	148 (2)	1.1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	147 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	149 (2)	NM	>3 (1)	Y	Y	NA	151	Sheen	5
	2/10/2017	N	Y	148 (2)	150.5 (2)	2.5 (1)	N	Y	---	---	---	0
	2/14/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	<1	10
	2/17/2017	N	Y	148 (2)	149 (2)	1 (1)	N	Y	---	---	---	0
	2/23/2017	N	Y	148 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	0.25 (1)	10
	2/24/2017	N	Y	148 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	147 (2)	NM	0.38 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/9/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	6/23/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/5/2017	N	N	148 (2)	NM	---	N	N	---	---	---	0
	7/19/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/2/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/31/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/11/2017	N	N	146 (2)	NM	0.08 (1)	N	N	---	---	---	0
	10/24/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Y	146 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	147 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
UWBZ01	1/17/2018	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	142 (2)	169 (2)	27 (1)	Y	N	NR	NR	0	25
	7/27/2016	N	Y	NM	149 (2)	0.25 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/26/2016	N	N	---	152 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	9/14/2016	N	N	---	151 (2)	---	N	N	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/17/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
UWBZ02	12/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
UWBZ03	1/10/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	144 (2)	155 (2)	11 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	144 (2)	149 (2)	5 (1)	Y	Y	NR	147 (2)	0.5 (1)	35
	12/1/2016	N	Y	146 (2)	152 (2)	6 (1)	Y	Y	NR	149 (2)	0.8 (1)	22
	12/8/2016	N	Y	147.2 (2)	149 (2)	1.8 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	147 (2)	0.6 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	147 (2)	0.8 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	NM	147 (2)	1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	4/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/5/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/2/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
UWBZ04	1/3/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	145 (2)	154 (2)	9 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	144 (2)	149 (2)	5 (1)	Y	Y	NR	147	0.3	30
	12/1/2016	N	Y	146 (2)	151 (2)	5 (1)	Y	Y	NR	148	0.4	30
	12/8/2016	N	Y	146.5 (2)	148 (2)	1.5 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	146.4 (2)	148 (2)	1.6 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	146.1 (2)	148 (2)	1.9 (1)	Y	Sheen	NR	147	Sheen	20
	1/6/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/9/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	NR	148 (2)	Sheen	4 (10)
	2/10/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	148 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	3/3/2017	N	Y	147 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	3/8/2017	N	N	147 (2)	NM	---	N	Y	---	---	---	0
	3/15/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/2/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/31/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	9/27/2017	N	N	148 (2)	NM	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	10/24/2017	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	147 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.16 (1)	N	Y	---	---	---	0
UWBZ05	1/23/2018	N	Y	147 (2)	NM	0.18 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	138 (2)	153 (2)	15 (1)	N	Y	---	---	---	0
	11/3/2016	N	Y	138 (2)	153 (2)	15 (1)	Y	Y	NR	148 (2)	<0.01 (1)	25
	11/22/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Y	139 (2)	153 (2)	14 (1)	Y	Y	NR	148 (2)	0.6 (1)	25
	12/8/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/16/2016	N	Y	144 (2)	147 (2)	3 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	143.5 (2)	147 (2)	3.5 (1)	Y	Y	NR	147 (2)	0.08 (1)	30
	1/6/2017	N	Y	145.9 (2)	147 (2)	1.1 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	146 (2)	147 (2)	1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/10/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	2/13/2017	N	Y	150 (2)	150.5 (2)	0.5 (1)	Y	Y	NR	153 (2)	Sheen	4
	2/17/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/8/117	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	3/29/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.67 (1)	N	Y	---	---	---	0
	4/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/23/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	7/5/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	149 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	8/16/2017	N	Y	147 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	8/31/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	9/13/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	148 (2)	NM	0.58 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	147 (2)	NM	0.10 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	147 (2)	NM	0.10 (1)	N	Y	---	---	---	0
UWBZ06	1/17/2018	N	Y	147 (2)	NM	0.10 (1)	N	Y	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	149 (2)	---	N	N	---	`	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
UWBZ07	1/10/2018	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/19/2016	N	Y	---	144 (2)	0.4 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	---	145 (2)	0.33 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/2/2016	N	Y	---	145 (2)	0.01 (1)	N	Y	---	---	---	0
	8/12/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	8/26/2016	N	Y	NM	150 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	150 (2)	0.5 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	151 (2)	0.01 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.13 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	1.83 (1)	N	Y	---	---	---	0
	10/31/2016	N	Y	145 (2)	147 (2)	2 (1)	Y	Y	NR	147 (2)	<0.01 (1)	5
	11/16/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	145 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	144 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	143 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	6/16/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/30/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/11/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
UWBZ09	1/10/2018	N	Y	145 (2)	NM	0.18 (1)	N	Y	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/3/2016	N	Y	143	NM	NM	Y	N	NR	NR	NR	13
	6/23/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	Y	151 (2)	151 (2)	0.08 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	142 (2)	152 (2)	10 (1)	N	Y	---	---	---	0
	7/13/2016	N	Y	NR	NR	NR	Y	N	NR	NR	0	18
	7/27/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/13/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.4 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	149 (2)	NM	0.17 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	147 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	146 (2)	NM	1 (1)	N	Y	---	---	---	0
	4/17/2017	N	Y	147 (2)	NM	1 (1)	Y	Y	148 (2)	148 (2)	Sheen	2
	4/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/16/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	9/13/2017	N	Y	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	10/11/2017	N	N	147 (2)	NM	---	N	Y	---	---	---	0
	11/1/2017	N	Y	147 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/13/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
UWBZ10	1/23/2018	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/18/2016	N	Y	142 (2)	158 (2)	16 (1)	N	Y	---	---	---	0
	7/29/2016	N	Y	144 (2)	151 (2)	7 (1)	Y	N	NR	148	0	20
	8/3/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/18/2016	N	Y	146 (2)	147 (2)	1 (1)	Y	Y	147 (2)	147 (2)	0.01 (1)	10
	8/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	12/2/2016	N	Sheen	NM	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Y	NM	147 (2)	0.3 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	144 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	144 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/28/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/9/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
UWBZ11	12/21/2017	N	Sheen	--- (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/19/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Y	NM	145 (2)	0.1 (1)	N	Y	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	8/29/2016	N	Sheen	NM	145 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/25/2016	N	Y	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	11/16/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/29/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/13/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	N	---	143 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/15/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/16/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/19/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
UWBZ12	1/23/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/7/2016	N	Y	NM	NM	<0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	140 (2)	165 (2)	25 (1)	N	Y	---	---	---	0
	7/13/2016	N	Y	NR	NR	NR	Y	N	NR	NR	0	40
	7/27/2016	N	Y	NM	148 (2)	0.4 (1)	N	Y	---	---	---	0
	8/3/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/15/2016	N	Y	---	149 (2)	0.02 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	---	149 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	---	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/17/2016	N	Y	---	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/29/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/17/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	149 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	148 (2)	NM	0.03 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	150 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/19/2017	N	Sheen	148 (2)	NM	Sheen	N	Sheen	---	---	---	0
	8/16/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/13/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/11/2017	N	N	148 (2)	NM	---	N	N	---	---	---	0
	11/28/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
UWBZ13	1/23/2018	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/17/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	Y	147 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	3/3/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	6/16/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	8/16/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	9/20/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
UWBZ14	1/23/2018	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	140 (2)	170 (2)	30 (1)	N	Y	---	---	---	0
	7/18/2016	N	Y	140 (2)	150 (2)	10 (1)	Y	N	NR	147 (2)	0	55
	7/27/2016	N	Y	147 (2)	152 (2)	5 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.6 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.17 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	147 (2)	152 (2)	5	N	Y	---	---	---	0
	9/8/2016	N	Y	147 (2)	152 (2)	5	Y	Y	---	145	0.4	25
	9/14/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	10/4/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	148 (2)	152 (2)	4 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	146 (2)	0.67 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	148 (2)	152 (2)	4 (1)	Y	Y	NM	149 (2)	0.04 (2)	10
	11/1/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	11/17/2016	N	Y	NM	147 (2)	0.13 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/13/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/27/2016	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	1/27/2017	N	Y	146 (2)	147 (2)	1.5 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	146 (2)	0.17 (1)	N	Y	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	3/8/2017	N	Y	149 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.1 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/16/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/19/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	149 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	8/16/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/13/2017	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	9/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/11/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	148 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	148 (2)	NM	0.12 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
UWBZ15	1/17/2018	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	143 (2)	0.02 (1)	N	Y	---	---	---	0
	7/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	150 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	148 (2)	0.21 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	1/9/2017	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Y	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	5/17/2017	N	Y	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	6/28/2017	N	Y	---	150 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/28/2017	N	Y	---	147 (2)	0.02 (1)	N	Y	---	---	---	0
	12/6/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Y	---	---	---	0
	12/13/2017	N	Y	---	146 (2)	0.01 (1)	N	Y	---	---	---	0
UWBZ16	12/21/2017	N	Y	---	146 (2)	0.02 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	143 (2)	150 (2)	7 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	143 (2)	150 (2)	7 (1)	Y	N	NR	142	0	36
	8/10/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	9/6/2016	N	Y	145 (2)	149 (2)	4 (1)	N	Y	---	---	---	0
	9/9/2016	N	Y	145 (2)	149 (2)	4 (1)	Y	N	NR	145	0.6	15
	9/14/2016	N	Y	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	9/20/2016	N	Y	NM	146 (2)	0.5 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	146 (2)	0.5 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.83 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.83 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	149 (2)	1.33 (1)	N	Y	---	---	---	0
	11/18/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/8/2016	N	Y	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Y	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/3/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/17/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	144 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	145 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	146 (2)	NM	0.29 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	146 (2)	NM	0.21 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	144	NM	0.01	N	Y	---	---	---	0
	5/12/2017	N	Y	144	NM	1.5	N	Y	---	---	---	0
	5/26/2017	N	Y	146 (2)	NM	0.66 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	143 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	146 (2)	NM	Sheen	N	Sheen	---	---	---	0
	7/19/2017	N	N	146 (2)	NM	---	N	N	---	---	---	0
	8/2/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/17/2017	N	Y	145 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/30/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/13/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	146 (2)	NM	---	N	Y	---	---	---	0
	11/1/2017	N	Y	144 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	146 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	12/13/2017	N	Y	146 (2)	NM	0.2 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	146 (2)	NM	0.16 (1)	N	Y	---	---	---	0
UWBZ17	1/17/2018	N	Y	146 (2)	NM	0.23 (1)	N	Y	---	---	---	0
	6/22/2016	N	Y	NM	NM	3 (1)	N	Y	---	---	---	0
	6/30/2016	N	Y	147 (2)	NM	NM	Y	N	NR	NR	0	20
	7/19/2016	N	Y	NM	145 (2)	0.2 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	145 (2)	0.7 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/12/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	145 (2)	147 (2)	2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	NM	145 (2)	0.13 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.13 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	146 (2)	147 (2)	1 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	146 (2)	147.5 (2)	1.5 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	147 (2)	148.6 (2)	1.6 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	147 (2)	0.21 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/8/2016	N	Sheen	NM	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/23/2016	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	NM	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Y	NM	144 (2)	0.08 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	146 (2)	0.37 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	NM	144 (2)	0.05 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	145 (2)	NM	0.21 (1)	N	Y	---	---	---	0
	4/14/2017	N	Y	145 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	143	NM	0.17 (1)	N	Y	---	---	---	0
	5/12/2017	N	Sheen	143	NM	Sheen	N	Sheen	---	---	---	0
	5/26/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	144 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	143 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	145 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	145 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	8/16/2017	N	Y	144 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/30/2017	N	Y	145 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	9/13/2017	N	Y	145 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	10/11/2017	N	Y	146 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	NM	145 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Y	145 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	145 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	146 (2)	NM	0.24 (1)	N	Y	---	---	---	0
UWBZ18	1/17/2018	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	6/6/2016	N	Y	150 (2)	NM	NM	Y	N	NR	NR	0	1
	6/22/2016	N	Y	NM	NM	3 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	138 (2)	164 (2)	26 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	142 (2)	162 (2)	20 (1)	Y	N	NR	144 (2)	0	28
	7/25/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/16/2016	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	147 (2)	0.17 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/13/2016	N	Y	NM	147 (2)	0.05 (1)	N	Y	---	---	---	0
	12/27/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	145 (2)	NM	0.67 (1)	Y	N	NR	146 (2)	0	5
	4/7/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	147 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	145 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/17/2017	N	Sheen	146 (2)	NM	Sheen	N	Sheen	---	---	---	0
	6/2/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/16/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	6/28/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	7/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/27/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	8/9/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/25/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	9/8/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/18/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	11/21/2017	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	12/21/2017	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	1/4/2018	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
UWBZ19	1/17/2018	N	Y	145 (2)	---	0.02	N	Y	---	---	---	0
	11/7/2016	N	Y	141 (2)	162 (2)	21 (1)	N	Y	---	---	---	0
	11/15/2016	N	Y	146 (2)	147	1 (1)	Y	N	---	146	0	2
	11/22/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/1/2016	N	Y	140 (2)	148	8 (1)	Y	Y	145	147	2	15
	12/8/2016	N	Y	146 (2)	148	2 (1)	Y	Y	147	147	Sheen	5
	12/15/2016	N	Y	146 (2)	148	2 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	145 (2)	148	3 (1)	Y	Y	147	147	0.3	35
	1/6/2017	N	Y	147 (2)	148	1 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	147.2 (2)	148	0.8 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	142 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/2/2017	N	Y	143 (2)	NM	>3 (1)	Y	Y	147 (2)	147 (2)	0	50
	2/3/2017	N	Y	NM	146 (2)	0.06	N	Y	---	---	---	0
	2/10/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/14/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	150 (2)	NM	<1	18
	2/17/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/24/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	148 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	>3 (1)	N	Y	---	---	---	0
	3/13/2017	N	Y	147 (2)	NM	>3 (1)	Y	N	148	NM	NM	8
	3/15/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/29/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/26/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/18/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
UWBZ20	1/23/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	Y	148	NM	NM	Y	N	NR	NR	0	24
	6/23/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	155 (2)	157.5 (2)	2.5 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.08 (1)	N	Y	---	---	---	0
	7/29/2016	N	Y	146 (2)	152 (2)	6 (1)	Y	N	NR	148	0.1	20
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	11/18/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
UWBZ21	1/9/2017(9)	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/8/2016	N	Y	149 (2)	NM	NM	Y	N	NR	NR	0	1
	6/29/2016	N	Y	147 (2)	147.5 (2)	0.5 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	NM	146 (2)	0.04 (1)	N	Y	---	---	---	0
	7/28/2016	N	Y	NM	150 (2)	0.4 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	150 (2)	0.02 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
UWBZ22	11/14/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/18/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/9/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	0	35
	6/29/2016	N	Y	153 (2)	154.5 (2)	1.5 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	142 (2)	148 (2)	6 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	149 (2)	0.8 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	8/10/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/22/2016	N	Y	146 (2)	149 (2)	3 (1)	Y	N	---	148 (2)	0	15
	8/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	---	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	---	150 (2)	0.54 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	12/13/2016	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	146.7 (2)	148 (2)	1.3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/10/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	3/8/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	3/24/2017	N	Y	149 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	148 (2)	NM	Sheen	N	Y	---	---	---	0
	6/28/2017	N	Y	148 (2)	NM	0.04	N	Y	---	---	---	0
	7/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/20/2017	N	Sheen	148 (2)	NM	Sheen	N	Sheen	---	---	---	0
	10/24/2017	N	N	NM	148 (2)	---	N	N	---	---	---	0
	11/1/2017	N	Sheen	147 (2)	NM (2)	Sheen	N	Sheen	---	---	---	0
	11/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/13/2017	N	Sheen	146 (2)	NM	Sheen	N	Sheen	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.01	N	Y	---	---	---	0
UWBZ23	1/23/2018	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	11/7/2016	N	Y	146 (2)	155 (2)	9 (1)	Y	Y	NR	148 (2)	<0.01 (1)	36
	12/1/2016	N	Y	147 (2)	149 (2)	2 (1)	Y	Y	NR	148 (2)	0.2 (1)	10
	12/8/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/12/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Y	---	147 (2)	0.01 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	---	147 (2)	0.04 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	---	146 (2)	0.02 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	---	147 (2)	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	---	147 (2)	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	---	148 (2)	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	---	147 (2)	0.01 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/16/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/28/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/16/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	9/20/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2017	N	Y	145 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/13/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
UWBZ24	1/23/2018	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	7/19/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	6/9/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	10/4/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
UWBZ25	1/10/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/29/2016	N	Y	141.5 (2)	170 (2)	28.5 (1)	N	Y	---	---	---	0
	7/5/2016	Y	Y	140.44	167.05	26.61	Y	Y	142.15	162.85	20.7	10
	7/6/2016	Y	Y	141.96	162.95	20.99	Y	Y	147.34	147.79	0.45	40
	7/12/2016	N	Y	NM	142 (2)	0.17 (1)	N	Y	---	---	---	0
	7/28/2016	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/12/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/16/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	---	148 (2)	0.1 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	---	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	---	147 (2)	0.08 (1)	N	Y	---	---	---	0
UWBZ26	11/30/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/8/2016	N	Y	143 (2)	NM	NM	Y	N	NR	NR	NR	32
	6/29/2016	N	Y	148 (2)	148 (2)	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	N	---	143 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	147	---	N	N	---	---	---	0
	8/2/2016	N	N	---	147	---	N	N	---	---	---	0
	8/30/2016	N	N	---	147	---	N	N	---	---	---	0
	9/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	11/1/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
UWBZ27	11/14/2016(9)	---	---	---	---	---	---	---	---	---	---	0
UWBZ28/	7/20/2016	N	N	NM	NM	---	N	N	---	---	---	0
LSZ51*	11/4/2016(7)	N	Sheen	NM	146 (2)	Sheen	N	Sheen	---	---	---	0
	7/20/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	143 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	142 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	12/13/2017	N	Sheen	---	145 (2)	Sheen	N	Sheen	---	---	---	0
UWBZ29	12/21/2017	N	Sheen	---	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/20/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/3/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	12/8/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	145 (2)	0.04 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	146 (2)	NM	Sheen	N	Sheen	---	---	---	0
	7/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
UWBZ31	1/23/2018	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
UWBZ32/ LSZ47*	7/20/2016	N	N	NM	NM	---	N	N	---	---	---	0
	8/23/2016(6)	N	N	---	146	---	N	N	---	---	---	0
	10/7/2016(6)	Y	N	---	145.35	---	N	N	---	---	---	0
	11/3/2016(7)	Y	Y	145.39	147.50	2.11	N	Y	---	---	---	0
	11/15/2016(7)	Y	Y	144.45	147.52	3.07	N	Y	---	---	---	0
	12/6/2016(6)	Y	Y	136.58	172.98	36.4	N	Y	---	---	---	0
	2/3/2017(6)	Y	Y	135.55	171.56	36.01	N	Y	---	---	---	0
	2/10/2017(7)	Y	Y	143.20	148.00	4.8	Y	Y	144.78	145.5	0.72	8
	2/22/2017(7)	Y	Y	144.53	144.89	0.36	N	Y	---	---	---	0
	2/27/2017(7)	Y	Y	144.42	144.79	0.37	N	Y	---	---	---	0
	3/15/2017(7)	Y	Y	144.56	144.94	0.38	N	Y	---	---	---	0
	3/22/2017(7)	Y	Y	144.40	144.75	0.35	N	Y	---	---	---	0
	4/7/2017(7)	Y	Y	144.39	144.78	0.39	N	Y	---	---	---	0
	4/21/2017(7)	Y	Y	144.13	144.50	0.37	N	Y	---	---	---	0
	4/28/2017(7)	Y	Y	143.98	144.35	0.37	N	Y	---	---	---	0
	5/16/2017(7)	Y	Y	144.20	144.89	0.69	N	Y	---	---	---	0
	6/2/2017(7)	Y	Y	144.00	144.39	0.39	N	Y	---	---	---	0
	6/16/2017(7)	Y	Y	144.14	144.50	0.36	N	Y	---	---	---	0
	6/28/2017(7)	Y	Y	144.24	144.60	0.36	N	Y	---	---	---	0
	7/12/2017(7)	Y	N	---	144.03	---	N	N	---	---	---	0
	7/27/2017(7)	Y	Y	144.00	144.18	0.18	N	Y	---	---	---	0
	8/10/2017(7)	Y	Y	144.07	144.23	0.16	N	Y	---	---	---	0
	8/25/2017(7)	Y	Y	143.28	143.60	0.32	N	Y	---	---	---	0
	9/8/2017(7)	Y	Y	143.26	143.61	0.35	N	Y	---	---	---	0
	9/20/2017(7)	Y	Y	143.18	143.64	0.44	N	Y	---	---	---	0
	10/4/2017(7)	Y	Y	143.20	143.58	0.38	N	Y	---	---	---	0
	10/18/2017(7)	Y	Y	143.28	143.64	0.36	N	Y	---	---	---	0
	12/21/2017(7)	Y	Y	143.75	144.10	0.35	N	Y	---	---	---	0
	1/4/2018(7)	Y	Y	144.42	144.79	0.37	N	Y	---	---	---	0
	7/12/2016(5)	Y	Y	144.9	146.55	1.65	Y	Y	145.22	145.35	0.13	2
	7/25/2016(5)	Y	Sheen	NM	NM	Sheen	Y	Sheen	---	---	---	0
	11/3/2016(7)	Y	Sheen	NM	144.60	Sheen	Y	Sheen	---	---	---	0
	12/8/2016(6)	Y	N	---	144.45	---	N	N	---	---	---	0
	1/10/2017(6)	Y	N	---	144.21	---	N	N	---	---	---	0
	2/3/2017(6)	Y	N	---	143.54	---	N	N	---	---	---	0
	2/27/2017(6)	Y	N	143.49	144.98	0.21 (11)	N	Y	---	---	---	0
	3/22/2017(6)	Y	Y	143.60	145.00	0.20 (11)	N	Y	---	---	---	0
	4/7/2017(6)	Y	Y	143.51	145.05	0.22 (11)	N	Y	---	---	---	0
	4/14/2017(6)	Y	Y	143.35	144.79	0.20 (11)	N	Y	---	---	---	0
	4/21/2017(6)	Y	Y	143.40	144.70	0.18 (11)	N	Y	---	---	---	0
	4/28/2017(6)	Y	Y	143.21	144.68	0.21 (11)	N	Y	---	---	---	0
	5/5/2017(6)	Y	Y	144.51	145.82	0.18 (11)	N	Y	---	---	---	0
	5/16/2017(6)	Y	Y	143.47	144.79	0.19 (11)	N	Y	---	---	---	0
	5/26/2017(6)	Y	Y	143.28	144.98	0.24 (11)	N	Y	---	---	---	0
	6/2/2017(6)	Y	Y	143.15	144.69	0.22 (11)	N	Y	---	---	---	0
	6/9/2017(6)	Y	Y	143.40	144.85	0.20 (11)	N	Y	---	---	---	0
	6/16/2017(6)	Y	Y	143.34	144.80	0.21 (11)	N	Y	---	---	---	0
	6/28/2017(6)	Y	Y	143.70	145.15	0.20 (11)	N	Y	---	---	---	0
	7/5/2017(6)	Y	Y	143.23	144.75	0.21 (11)	N	Y	---	---	---	0
	7/12/2017(6)	Y	Y	144.00	144.50	0.21 (11)	N	Y	---	---	---	0
	7/19/2017(6)	Y	Y	143.25	144.50	0.18 (11)	N	Y	---	---	---	0
	7/27/2017(6)	Y	Y	143.33	144.63	0.18 (11)	N	Y	---	---	---	0
	8/2/2017(6)	Y	Y	143.15	144.50	0.19 (11)	N	Y	---	---	---	0
	8/10/2017(6)	Y	Y	143.20	143.90	0.10 (11)	N	Y	---	---	---	0
	8/16/2017(6)	Y	Y	143.25	143.95	0.10 (11)	N	Y	---	---	---	0
	8/25/2017(6)	Y	Y	143.00	143.80	0.11 (11)	N	Y	---	---	---	0
	8/30/2017(6)	Y	Y	143.16	143.86	0.10 (11)	N	Y	---	---	---	0
	9/8/2017(6)	Y	Y	143.23	143.78	0.08 (11)	N	Y	---	---	---	0
	9/20/2017(6)	Y	Y	143.26	143.78	0.07 (11)	N	Y	---	---	---	0
	9/27/2017(6)	Y	Y	143.20	143.75	0.08 (11)	N	Y	---	---	---	0
	10/4/2017(6)	Y	Y	143.20	143.70	0.07 (11)	N	Y	---	---	---	0
	10/11/2017(6)	Y	N	---	143.20	---	N	N	---	---	---	0
	10/18/2017(6)	Y	N	143.30	143.90	0.08 (11)	N	Y	---	---	---	0
	10/24/2017(6)	Y	N	143.33	143.90	0.08 (11)	N	Y	---	---	---	0
	11/21/2017(6)	Y	Sheen	143.01	143.01	Sheen	N	Sheen	---	---	---	0
	11/28/2017(6)	N	N	---	143.13	---	N	N	---	---	---	0
	12/06/2017(6)	N	Y	143.31	143.92	0.08 (11)	N	N	---	---	---	0
	12/13/2017(6)	N	Y	143.30	143.95	0.09 (11)	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
UWBZ33/ LSZ48*	12/21/2017[6]	N	Y	---	144.08	---	N	N	---	---	---	0
	1/4/2018[6]	N	Y	143.51	144.15	0.09 [11]	N	N	---	---	---	0
	1/10/2018[6]	N	Y	143.57	144.29	0.10 [11]	N	N	---	---	---	0
	1/17/2018[6]	N	Y	143.48	144.17	0.10 [11]	N	N	---	---	---	0
	1/23/2018[6]	N	Y	143.19	143.78	0.08 [11]	N	N	---	---	---	0
UWBZ34	7/20/2016	N	N	---	145 [2]	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	144.49	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	144.55	---	N	N	---	---	---	0
	8/19/2016	Y	N	---	144.42	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	144.38	---	N	N	---	---	---	0
	9/16/2016	Y	N	---	144.27	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	144.26	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	143.80	---	N	N	---	---	---	0
	11/29/2016	N	N	---	142	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	144.03	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	143.48	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	143.13	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	143.19	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	143.05	---	N	N	---	---	---	0
	5/16/2017	Y	N	---	143.06	---	N	N	---	---	---	0
	6/20/2017	Y	N	---	142.93	---	N	N	---	---	---	0
	7/12/2017	Y	N	---	142.90	---	N	N	---	---	---	0
	8/25/2017	Y	N	---	142.68	---	N	N	---	---	---	0
	10/4/2017	Y	N	---	147.65	---	N	N	---	---	---	0
	11/1/2017	N	N	---	143 [2]	---	N	N	---	---	---	0
	11/28/2017	Y	N	---	142.65	---	N	N	---	---	---	0
	12/6/2017	Y	N	---	142.45	---	N	N	---	---	---	0
	12/13/2017	Y	N	---	142.44	---	N	N	---	---	---	0
	12/21/2017	Y	N	---	142.34	---	N	N	---	---	---	0
UWBZ36	7/15/2016	Y	N	---	144.31	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	144.07	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	144.21	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	144.02	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	143.85	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	143.35	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	143.64	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	143.11	---	N	N	---	---	---	0
	2/24/2017	Y	N	---	142.71	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	142.81	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	142.68	---	N	N	---	---	---	0
	5/16/2017	Y	N	---	142.72	---	N	N	---	---	---	0
	6/20/2017	Y	N	---	142.59	---	N	N	---	---	---	0
	7/12/2017	Y	N	---	142.58	---	N	N	---	---	---	0
	8/25/2017	Y	N	---	142.28	---	N	N	---	---	---	0
	10/4/2017	Y	N	---	142.30	---	N	N	---	---	---	0
	11/1/2017	Y	N	---	142.51	---	N	N	---	---	---	0
	11/28/2017	Y	N	---	142.21	---	N	N	---	---	---	0
	12/6/2017	Y	N	---	141.78	---	N	N	---	---	---	0
	12/13/2017	Y	N	---	---	---	N	N	---	---	---	0
	12/21/2017	Y	N	---	142.03	---	N	N	---	---	---	0
UWBZ38*	12/19/2016	Y	N	---	148.22	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	147.32	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	147.39	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	147.10	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	147.20	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	147.11	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	146.70	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	146.65	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	146.12	---	N	N	---	---	---	0
	1/4/2018	Y	N	---	146.37	---	N	N	---	---	---	0
UWBZ39*	12/21/2016	Y	N	---	144.75	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.37	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	144.38	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	144.01	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	144.04	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	143.91	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	144.00	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	143.80	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	143.69	---	N	N	---	---	---	0
	1/4/2018	Y	N	---	143.75	---	N	N	---	---	---	0
	12/23/2016	Y	N	---	144.74	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/3/2017	Y	N	---	144.12	---	N	N	---	---	---	0
	3/9/2017	Y	N	---	144.20	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	143.89	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	144.03	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	143.90	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	143.55	---	N	N	---	---	---	0
	11/8/2017	Y	N	---	143.42	---	N	N	---	---	---	0
UWBZ40*	12/21/2017	Y	N	---	143.45	---	N	N	---	---	---	0
	11/2/2016	N	Y	NM	NM	15 (1)	N	Y	---	---	---	0
	11/16/2016	N	Y	147 (2)	149 (2)	2 (1)	Y	N	---	145 (2)	---	30
	12/2/2016	N	Y	142 (2)	149 (2)	7 (1)	N	Y	---	---	---	0
	12/9/2016	N	Y	146.2 (2)	147 (2)	0.8 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	147.3 (2)	148 (2)	0.7 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	146.8 (2)	149 (2)	2.2 (1)	Y	Y	NR	148 (2)	0.3	20
	1/6/2017	N	Y	147.2 (2)	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	146.9 (2)	148 (2)	1.1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	137 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	140 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	139 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/9/2017	N	Y	141 (2)	NM	>3 (1)	Y	Y	148 (2)	148 (2)	Sheen	50
	2/10/2017	N	Y	147 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/23/2017	N	Y	141 (2)	NM	>3 (1)	Y	Y	146 (2)	146 (2)	Sheen	10
	2/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/3/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	3/8/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/15/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/29/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/28/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	5/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/12/2017	N	Sheen	Sheen	147 (2)	Sheen	N	Sheen	---	---	---	0
	5/17/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/26/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/9/2017	N	N	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/23/2017	N	Sheen	148 (2)	NM	Sheen	N	Sheen	---	---	---	0
	7/5/2017	N	N	---	NM	---	N	N	---	---	---	0
	8/2/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/30/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ01	1/23/2018	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/22/2016	N	Y	134 (2)	149 (2)	15 (1)	Y	Y	NR	147 (2)	0.5 (1)	48
	12/2/2016	N	Y	137 (2)	148 (2)	11 (1)	N	Y	---	---	---	0
	12/9/2016	N	Y	142 (2)	148 (2)	6 (1)	Y	Y	NR	147 (2)	<0.08 (1)	28
	12/16/2016	N	Y	142 (2)	147 (2)	5 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	141.7 (2)	148 (2)	6.3 (1)	Y	Y	NR	147 (2)	0.5 (1)	30
	1/6/2017	N	Y	146.8 (2)	148 (2)	1.2 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	145.8 (2)	147 (2)	1.2 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	144 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/8/2017	N	Y	142 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/13/2017	N	Y	145 (2)	NM	>3 (1)	Y	Y	147 (2)	NM	<1 (1)	25
	2/17/2017	N	Y	146 (2)	NM	0.6 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/28/2017	N	Y	146 (2)	147 (2)	1 (1)	Y	N	148 (2)	NM	0 (1)	7
	3/3/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	145 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Y	---	---	---	0
	3/29/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Y	---	---	---	0
	4/12/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Y	---	---	---	0
	5/17/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/16/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/19/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
LSZ02	1/4/2018	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ03	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	NM	146	0.04 (1)	N	Y	---	---	---	0
	11/22/2016	N	Sheen	148	148	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	3/8/2017	N	N	--	147 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	--	147 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	--	147 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	--	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	--	147 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	--	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	--	147 (2)	---	N	N	---	---	---	0
LSZ04	1/10/2018	N	N	--	147 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	145 (2)	154 (2)	9 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	145 (2)	147 (2)	2 (1)	Y	Y	146 (2)	147.1 (2)	1.1 (1)	10
	12/1/2016	N	Y	NM	147 (2)	0.7 (1)	N	Y	---	---	---	0
	12/8/2016	N	Y	147 (2)	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	147 (2)	0.06 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	145 (2)	1.5 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	145 (2)	0.17 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	147 (2)	149 (2)	2 (1)	N	Y	---	---	---	0
	2/15/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	<1 (1)	13
	2/23/2017	N	Y	141 (2)	NM	>3 (1)	Y	Sheen	146 (2)	NM	Sheen	8
	2/24/2017	N	Y	147 (2)	NM	0.01 (1)	Y	Y	---	---	---	0
	3/8/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	3/24/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/7/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	5/5/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	6/2/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/5/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/2/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/30/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ05	1/4/2018	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/31/2016	N	Y	134 (2)	154 (2)	20 (1)	Y	Y	NR	147 (2)	0.01	70
	11/22/2016	N	Sheen	---	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/27/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/29/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	149 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/16/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	9/13/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	148 (2)	NM	0.66 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	148 (2)	NM	0.4 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	148 (2)	NM	1 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	147 (2)	148 (2)	1.5 (1)	Y	Y	NR	147 (2)	0.1 (1)	2
	12/6/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
LSZ06	1/17/2018	N	Y	147 (2)	NM	0.66 (1)	N	Y	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ07	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	Y	Y	144.66	161.10	16.44	N	Y	---	---	---	0
	11/22/2016	N	Y	146 (2)	147.2 (2)	1.2 (1)	Y	Y	NR	147 (2)	0.2 (1)	4
	12/1/2016	N	N	---	148	---	N	N	---	---	---	0
	12/8/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	147 (2)	<0.08 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	147 (2)	0.05 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	147 (2)	0.07 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	146 (2)	2 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	147 (2)	NM	>3 (1)	Y	Sheen	150 (2)	150 (2)	Sheen	15
	2/17/2017	N	Y	147 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/20/2017	N	Y	141 (2)	NM	>3 (1)	Y	Y	---	150 (2)	0 (1)	25
	3/3/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	3/15/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	3/29/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	4/12/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	4/28/2017	N	N	Sheen	149 (2)	Sheen	N	Sheen	---	---	---	0
	5/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	5/26/2017	N	N	---	150	---	N	N	---	---	---	0
	6/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/5/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/27/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/8/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	10/18/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/4/2018	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ08	1/17/2018	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	152 (2)	152 (2)	<0.08 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	7/27/2016	N	Y	NM	149	0.1	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148	0.1	N	Y	---	---	---	0
	8/12/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ09	1/9/2017(9)	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2016	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	142 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ10	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/1/2016	N	Y	NM	NM	NM	Y	N	NR	NR	0 (1)	10 (4)
	6/29/2016	N	N	---	147	---	N	N	---	---	---	0
	7/7/2016	N	Y	NM	NM	<0.02 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	7/28/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
LSZ11	11/15/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	Y	NM	NM	NM	Y	N	NR	NR	0 (1)	50
	6/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	148 (2)	158 (2)	10 (1)	Y	Y	NR	NR	<0.08 (1)	25
	7/12/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/25/2016	N	Y	---	148	0.2	N	Y	---	---	---	0
	8/2/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	150 (2)	0.02 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/10/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	150 (2)	0.01 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/16/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/16/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Sheen	---	149 (2)	Sheen	N	Sheen	---	---	---	0
	12/6/2017	N	Y	---	149 (2)	0.05 (1)	N	Y	---	---	---	0
LSZ12	1/4/2018	N	Y	149 (2)	NM	0.03 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	142 (2)	151 (2)	9 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	144 (2)	147 (2)	3 (1)	Y	Y	146 (2)	147 (2)	1 (1)	10
	12/1/2016	N	Y	143 (2)	149 (2)	6 (1)	Y	Y	NR	147 (2)	0.8 (1)	15
	12/8/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	146.8 (2)	148 (2)	1.2 (1)	Y	Y	NR	147 (2)	0.3 (1)	12
	1/6/2017	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
LSZ13	1/12/2017(9)	N	Y	147.2 (2)	148 (2)	0.8 (1)	N	Y	---	---	---	0
	5/18/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/13/2016	N	Y	144 (2)	NM	NM	Y	N	NR	NR	0	26
	6/29/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/7/2016	N	Y	145 (2)	166 (2)	21 (1)	Y	Y	148 (2)	NR	NR	35
	7/25/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	149 (2)	0.58 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	149 (2)	0.5 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	NM	150 (2)	0.33 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	149 (2)	0.5 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	149 (2)	0.7 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	NM	149 (2)	0.17 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	148 (2)	0.75 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	150 (2)	0.25 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/10/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	151 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	150	NM	0.04	N	Y	---	---	---	0
	4/12/2017	N	Y	151	NM	0.04	N	Y	---	---	---	0
	5/17/2017	N	Y	151	NM	0.02	N	Y	---	---	---	0
	6/16/2017	N	Y	151	NM	0.01	N	Y	---	---	---	0
	7/19/2017	N	Y	151	NM	0.04	N	Y	---	---	---	0
	8/16/2017	N	N	---	151	---	N	Y	---	---	---	0
	9/20/2017	N	Y	151 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	---	150 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Y	150 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	150 (2)	NM	0.1 (1)	N	Y	---	---	---	0
LSZ14	1/4/2018	N	Y	150 (2)	NM	0.1 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	135 (2)	NM	>35 (1)	N	Y	---	---	---	0
	7/14/2016	N	Y	144 (2)	159 (2)	15 (1)	Y	N	NR	147 (2)	Sheen	100
	7/25/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	N	---	148 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/23/2016	N	N	---	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	147 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/18/2016	N	Y	NM	149 (2)	0.3 (1)	N	Y	---	---	---	0
	12/1/2016	N	Y	NM	148 (2)	0.3 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	12/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
LSZ15	12/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	Y	138 (2)	149 (2)	11 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	139 (2)	148 (2)	9 (1)	Y	Y	146.6 (2)	147 (2)	0.4 (1)	35
	12/1/2016	N	Y	141 (2)	148 (2)	7 (1)	Y	Y	146 (2)	147 (2)	1 (1)	10
	12/8/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.05 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	148 (2)	0.3 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	NM	147 (2)	1.5 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	129 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	132 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	131 (2)	NM	>3 (1)	Y	Y	136 (2)	NR	>3 (1)	22
	2/10/2017	N	Y	133 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/15/2017	N	Y	134 (2)	NM	>3 (1)	Y	Y	142 (2)	NR	>3 (1)	40
	2/16/2017	N	Y	143 (2)	NM	>3 (1)	Y	Y	146 (2)	NR	>3 (1)	23
	2/17/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/20/2017	N	Y	145 (2)	NM	>3 (1)	Y	Sheen	147 (2)	147 (2)	Sheen	36
	2/24/2017	N	Y	146 (2)	146.5 (2)	0.5 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	144 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/29/2017	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	4/28/2017	N	Y	147 (2)	147 (2)	0.01 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	144 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	146 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	147 (2)	NM	Sheen	N	Y	---	---	---	0
	7/19/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/16/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/30/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	9/13/2017	N	Y	147 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	146 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	146 (2)	NM	0.5 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/21/2017	N	Y	146 (2)	NM	0.2 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	146 (2)	NM	0.2 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	146 (2)	NM	0.2 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	146 (2)	NM	0.18 (1)	N	Y	---	---	---	0
LSZ16	1/17/2018	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/2/2016	N	Y	130	NM	NM	Y	N	NR	NR	0 (1)	50 (4)
	6/23/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	150 (2)	150 (2)	0.08 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	7/27/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	148 (2)	0.13 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	149 (2)	0.3 (1)	N	Y	---	---	---	0
	12/1/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.3 (1)	N	Y	---	---	---	0
	12/29/2016	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	1/27/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/30/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	9/27/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	10/24/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	11/1/2017	N	Y	144 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	144 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.03 (1)	N	Y	---	---	---	0
LSZ17	1/23/2018	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	7/18/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/9/2017	---	---	---	---	---	---	---	---	---	---	0
	9/20/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
LSZ18	12/21/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	NM	144 (2)	0.04 (1)	N	Y	---	---	---	0
	7/27/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	10/26/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/24/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/12/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	149 (2)	NM	Sheen	N	Y	---	---	---	0
	7/5/2017	N	Sheen	148 (2)	NM	Sheen	N	Y	---	---	---	0
	7/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/25/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	N	---	---	---	0
	10/4/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
LSZ19	1/10/2018	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/7/2016	N	Sheen	---	NM	---	N	Sheen	---	---	---	0
	7/11/2016	N	Sheen	142 (2)	142 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/18/2016	N	Y	NM	150 (2)	0.25 (1)	N	Y	---	---	---	0
	12/1/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	1/10/2017	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
	2/10/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/5/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/23/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/2/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
LSZ20	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/19/2016	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	8/3/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/8/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/10/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	3/15/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	4/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	6/9/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/19/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/11/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ21	12/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/3/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/12/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	149 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/28/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
LSZ22	1/10/2018	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/20/2016	N	N	---	151	---	N	N	---	---	---	0
	6/29/2016	N	N	---	152	---	N	N	---	---	---	0
	7/7/2016	N	N	---	NM	---	N	N	---	---	---	0
	7/12/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ23	1/9/2017(9)	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/12/2016	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/20/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/12/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2016	N	N	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ24	1/10/2018	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/11/2016	N	Sheen	143 (2)	143 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ25	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/16/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/29/2016	N	N	---	153 (2)	---	N	N	---	---	---	0
	7/11/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ26	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ27	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/3/2016	N	Y	146 (2)	NM	NM	Y	N	NR	NR	0	5
	6/23/2016	N	N	---	NM	---	N	N	---	---	---	0
	6/29/2016	N	N	---	151 (2)	---	N	N	---	---	---	0
	7/12/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/27/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/7/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/17/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/28/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
LSZ28	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/18/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/6/2016	N	Y	142 (2)	NM	NM	Y	Y	NR	NR	NR	3
	6/29/2016	N	Y	152 (2)	152 (2)	<0.01 (1)	N	Y	NR	NR	NR	0
	7/20/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/8/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/15/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	4/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	6/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/19/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/11/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ29	1/4/2018	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	144 (2)	156 (2)	12 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	133 (2)	148 (2)	15 (1)	Y	Y	NR	148 (2)	0.6	25
	12/1/2016	N	Y	145 (2)	151 (2)	6 (1)	Y	Y	NR	148 (2)	0.1 (1)	20
	12/8/2016	N	Y	146 (2)	148 (2)	2 (1)	Y	Y	NR	148 (2)	0.08 (1)	11
	12/15/2016	N	Y	146.5 (2)	148 (2)	1.5 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	145.5 (2)	148 (2)	2.5 (1)	Y	Y	NR	148 (2)	0.2 (1)	20
	1/6/2017	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	147.3 (2)	148 (2)	0.7 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	133 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	133 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/2/2017	N	Y	133 (2)	NM	>3 (1)	Y	N	---	146 (2)	0	110
	2/3/2017	N	Y	147 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/13/2017	N	Y	148 (2)	NM	>3 (1)	Y	Y	147 (2)	NR	0.25 (1)	14

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/17/2017	N	Y	148 (2)	NM	0.03 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	148 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	148 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	5/17/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	149 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	148 (2)	NM	0.21 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/12/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	149 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	149 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/16/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	8/30/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	9/13/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	148 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	11/1/2017	N	Y	145 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	147 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	147 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	147 (2)	NM	0.16 (1)	N	Y	---	---	---	0
LSZ30	1/17/2018	N	Y	147 (2)	NM	0.17 (1)	N	Y	---	---	---	0
	6/6/2016	N	Y	151 (2)	NM	NM	Y	N	NR	NR	0	20
	7/25/2016	N	Y	NM	145 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/23/2016	N	Y	NM	146 (2)	0.5 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	144 (2)	0.5 (1)	N	Y	---	---	---	0
	1/10/2017	N	Y	NM	144 (2)	0.7 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	144 (2)	0.01 (1)	N	Y	---	---	---	0
	3/15/2017	N	Sheen	143 (2)	143 (2)	Sheen	N	Sheen	---	---	---	0
	4/28/2017	N	Y	145 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	143 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	145 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	8/30/2017	N	N	---	143 (2)	---	N	N	---	---	---	0
	10/11/2017	N	Y	145 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	146 (2)	NM	0.3 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	146 (2)	NM	0.3 (1)	N	Y	---	---	---	0
LSZ31	1/17/2018	N	Y	146 (2)	NM	0.24 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	144.8 (2)	145 (2)	1.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM (2)	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/12/2016	N	Y	NM (2)	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	146 (2)	0.1 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/8/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	1/10/2017	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	146 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/9/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/30/2017	N	Y	147 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	10/11/2017	N	N	148 (2)	NM	---	N	N	---	---	---	0
	11/21/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	N	---	---	---	0
	1/4/2018	N	Y	147 (2)	147 (2)	0.08 (1)	N	Y	---	---	---	0
LSZ32	1/17/2018	N	Y	147 (2)	147 (2)	0.02 (1)	N	Y	---	---	---	0
	11/7/2016	Y	Y	142.22 (2)	170 (2)	>27.8 (1)	N	Y	---	---	---	0
	11/8/2016	Y	Y	142.22 (2)	170 (2)	>27.8 (1)	Y	Y	149.4	149.81	0.41	65
	12/1/2016	N	N	NM	149 (2)	---	N	N	---	---	---	0
	12/8/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/12/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	N	---	152 (2)	---	N	N	---	---	---	0
	2/3/2017	N	Sheen	151 (2)	151 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Sheen	152 (2)	152 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	3/3/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	4/7/2017	N	Sheen	151 (2)	151 (2)	Sheen	N	N	---	---	---	0
	5/12/2017	N	Sheen	151 (2)	151 (2)	Sheen	N	Sheen	---	---	---	0
	6/16/2017	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	7/19/2017	N	Sheen	151 (2)	151 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	9/20/2017	N	N	151 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	10/24/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Sheen	---	149 (2)	Sheen	N	Sheen	---	---	---	0
	12/6/2017	N	Sheen	---	148 (2)	Sheen	N	Sheen	---	---	---	0
LSZ33	1/4/2018	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/17/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	0	38
	6/29/2016	N	Y	152 (2)	152 (2)	<0.08 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM (2)	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/26/2016	N	Y	NM (2)	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM (2)	148 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM (2)	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/16/2016	N	Y	---	150 (2)	0.17 (1)	N	Y	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/24/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/14/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/5/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Y	---	---	---	0
	8/16/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
LSZ34	12/21/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	6/29/2016	N	Y	147 (2)	NM	NM	Y	N	NR	NR	0	65
	7/12/2016	N	Y	140 (2)	168 (2)	28 (1)	N	Y	---	---	---	0
	7/18/2016	N	Y	143 (2)	149 (2)	6 (1)	Y	N	NR	146 (2)	Sheen	35
	7/25/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	150 (2)	0.08 (1)	N	Y	---	---	---	0
	8/12/2016	N	Y	NM	149 (2)	0.06 (1)	N	Y	---	---	---	0
	8/16/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/22/2016	N	Y	146 (2)	149 (2)	3 (1)	Y	N	---	149 (2)	0	10
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.06 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/16/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/24/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	4/7/2017	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	5/17/2017	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	6/28/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/12/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/25/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	10/4/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	11/1/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
LSZ35	12/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/10/2016	N	Y	144 (2)	NM	NM	Y	N	NR	NR	0	86
	6/29/2016	N	Y	152 (2)	152 (2)	0.08 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.06 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	145 (2)	0.04 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	145 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.17 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	148 (2)	151 (2)	3 (1)	N	Y	---	---	---	0
	10/16/2016	N	Y	148 (2)	151 (2)	3 (1)	N	Y	---	---	---	0
	10/21/2016	N	Y	148 (2)	151 (2)	3 (1)	Y	Y	NM	150	Sheen	9
	10/25/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	11/18/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/12/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	150 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	150 (2)	NM	0.17 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	149 (2)	NM	1.17 (1)	N	Y	---	---	---	0
	3/30/2017	N	Y	148 (2)	NM	1.17 (1)	Y	Y	NM	150	0	18
	4/12/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	149 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	149 (2)	NM	Sheen	N	Y	---	---	---	0
	6/9/2017	N	Y	150 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	148 (2)	NM	0.17 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	151 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	150 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/2/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	8/30/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	150 (2)	NM	0.83 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	150 (2)	NM	1.16 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	150 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	150 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	11/1/2017	N	Y	148 (2)	NM	1.3 (1)	N	Y	---	---	---	0
	11/28/2017	N	Y	148 (2)	NM	1.8 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	148 (2)	NM	2 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	148 (2)	NM	2.8 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	148 (2)	NM	3 (1)	N	Y	148 (2)	148.5 (2)	0.5 (1)	4
LSZ36	1/17/2018	N	Y	148 (2)	NM	0.42 (1)	N	Y	---	---	---	0
	5/23/2016	Y	Y	138.40	185.80	47.40	N	Y	---	---	---	0
	5/24/2016	Y	Y	NR	NR	NR	Y	Y	145.09	161.65	16.56	60
	5/25/2016	Y	Y	NR	NR	NR	Y	Y	148.55	149.60	1.05	25
	5/25/2016	Y	Y	148.45	149.51	1.06	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.46	149.5	1.04	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.42	149.54	1.12	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	5/27/2016	Y	Y	148.31	149.5	1.19	N	Y	---	---	---	0
	5/31/2016	Y	Y	148.31	149.49	1.18	N	Y	---	---	---	0
	6/2/2016	Y	Y	NR	NR	NR	Y	Y	149.12	150.11	0.99	17
	6/3/2016	Y	Y	148.66	148.70	0.04	N	Y	---	---	---	0
	7/1/2016	Y	N	---	148.58	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.45	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.29	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.45	---	N	N	---	---	---	0
	9/2/2016	Y	Y	148.11	148.16	0.05	N	Y	---	---	---	0
	10/7/2016	Y	Y	147.86	147.92	0.06	N	Y	---	---	---	0
LSZ37	11/17/2016[9]	---	---	---	---	---	---	---	---	---	---	0
	5/23/2016	Y	Y	145.33	156.19	10.86	N	Y	---	---	---	0
	5/24/2016	Y	Y	NR	NR	NR	Y	Y	148.5	149.58	1.08	15
	5/25/2016	Y	Y	148.55	149.70	1.15	N	Y	---	---	---	0
	5/25/2016	Y	Y	148.47	149.66	1.19	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.51	149.76	1.25	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.42	149.61	1.19	N	Y	---	---	---	0
	5/27/2016	Y	Y	148.34	149.58	1.24	N	Y	---	---	---	0
	5/31/2016	Y	Y	148.33	149.61	1.28	N	Y	---	---	---	0
	6/3/2016	Y	Y	148.41	149.62	1.21	N	Y	---	---	---	0
	7/1/2016	Y	N	---	148.33	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.22	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.02	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.65	---	N	N	---	---	---	0
	9/2/2016	Y	Y	147.87	149.07	1.20	N	Y	---	---	---	0
	10/7/2016	Y	Y	147.62	148.81	1.19	N	Y	---	---	---	0
	11/22/2016	Y	Y	147.30	148.50	1.20	N	Y	---	---	---	0
LSZ38	11/29/2016[9]	---	---	---	---	---	Y	Y	NR	NR	NR	2 [10]
	5/19/2016	Y	Y	NR	NR	NR	N	Y	---	---	---	0
	5/23/2016	Y	Y	135.78	191.02	55.24	N	Y	---	---	---	0
	5/26/2016	Y	Y	135.91	191.2	55.29	N	Y	---	---	---	0
	6/1/2016	Y	Y	135.85	190.8	54.95	Y	Y	150.16	152.45	2.29	80
	6/1/2016	Y	Y	148.49	150.82	2.33	N	Y	---	---	---	0
	6/1/2016	Y	Y	148.71	151.09	2.38	N	Y	---	---	---	0
	6/3/2016	Y	Y	148.71	151.11	2.40	N	Y	---	---	---	0
	7/1/2016	Y	N	---	149.18	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	149.05	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.81	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.83	---	N	N	---	---	---	0
	9/2/2016	Y	Y	148.71	148.78	0.07	N	Y	---	---	---	0
	10/7/2016	Y	N	---	148.50	---	N	N	---	---	---	0
LSZ39	11/15/2016[9]	---	---	---	---	---	---	---	---	---	---	0
	11/8/2016	N	Y	132 [2]	166 [2]	34 [1]	Y	Y	NM	147 [2]	0.08 [1]	95
	11/22/2016	N	Sheen	146 [2]	146 [2]	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	12/15/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	12/29/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	1/27/2017	N	Y	NM	147 [2]	0.5 [1]	N	Y	---	---	---	0
	3/8/2017	N	Y	148 [2]	NM	0.04 [1]	N	Y	---	---	---	0
	4/7/2017	N	Y	147 [2]	NM	0.02 [1]	N	Y	---	---	---	0
	5/12/2017	N	Y	147 [2]	NM	0.01 [1]	N	Y	---	---	---	0
	6/16/2017	N	Y	147 [2]	NM	0.01 [1]	N	Y	---	---	---	0
	7/19/2017	N	Sheen	148 [2]	148 [2]	Sheen	N	Sheen	---	---	---	0
	8/16/2017	N	N	---	148 [2]	---	N	N	---	---	---	0
	9/20/2017	N	N	---	147 [2]	---	N	N	---	---	---	0
	10/24/2017	N	N	---	147 [2]	---	N	N	---	---	---	0
	11/8/2017	N	Sheen	---	148 [2]	Sheen	N	Sheen	---	---	---	0
	12/6/2017	N	Sheen	---	147 [2]	Sheen	N	Sheen	---	---	---	0
LSZ40	1/4/2018	N	Sheen	147 [2]	147 [2]	Sheen	N	Sheen	---	---	---	0
	7/20/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	7/28/2016	N	N	---	150 [2]	---	N	N	---	---	---	0
	8/2/2016	N	N	---	150 [2]	---	N	N	---	---	---	0
	8/16/2016	N	N	---	148 [2]	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 [2]	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 [2]	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 [2]	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 [2]	---	N	N	---	---	---	0
	2/24/2017	N	N	---	149 [2]	---	N	N	---	---	---	0
	4/7/2017	N	N	---	149 [2]	---	N	N	---	---	---	0
	5/17/2017	N	Sheen	---	149 [2]	Sheen	N	Sheen	---	---	---	0
	6/28/2017	N	N	---	150 [2]	---	N	N	---	---	---	0
	8/9/2017	N	N	---	149 [2]	---	N	N	---	---	---	0
	9/20/2017	N	N	---	149 [2]	---	N	N	---	---	---	0
	11/1/2017	N	N	---	145 [2]	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/6/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ41	12/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/19/2016	N	Y	143 (2)	151 (2)	8 (1)	N	Y	---	---	---	0
	7/29/2016	N	Y	143 (2)	149 (2)	6 (1)	Y	Y	NR	148 (2)	0.5 (1)	36
	8/3/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	146 (2)	0.04 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	147 (2)	0.38 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	12/8/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	2/17/2017	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/3/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/14/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	149 (2)	NM	Sheen	N	Y	---	---	---	0
	6/9/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/5/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/19/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	8/2/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/11/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/21/2017	N	Y	147 (2)	NM	0.1 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	147 (2)	NM	0.1 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	1/4/2018	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
LSZ42	1/17/2018	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/20/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	2/24/2017	N	Y	139 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/27/2017	N	Y	139 (2)	NM	>3 (1)	Y	Y	145 (2)	NR	0.08 (1)	22
	3/8/2017	N	Y	145 (2)	146.5 (2)	1.5 (1)	Y	Y	146 (2)	NR	0.02 (1)	5
	3/24/2017	N	Y	141 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	142 (2)	NM	>3 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	3/30/2017	N	Y	143 (2)	NM	>3 (1)	Y	Y	146 (2)	NR	0.08 (1)	5
	4/7/2017	N	Y	143 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	144 (2)	NM	1.5 (1)	N	Y	---	---	---	0
	4/14/2017	N	Y	144 (2)	NM	>3 (1)	Y	Y	144 (2)	NR	1 (1)	7
	4/17/2017	N	Y	144 (2)	NM	0.5 (1)	Y	Y	146	NR	0.17	5
	4/21/2017	N	Y	144 (2)	NM	>3 (1)	Y	Sheen	144	144	Sheen	12
	4/28/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	144 (2)	NM	>3 (1)	N	Y	---	---	---	0
	5/8/2017	N	Y	144 (2)	NM	>3 (1)	Y	N	---	145	---	8
	5/17/2017	N	Y	145 (2)	NM	1 (1)	N	Y	---	---	---	0
	5/26/2017	N	Y	148 (2)	NM	0.125 (1)	N	Y	---	---	---	0
	6/2/2017	N	Y	143 (2)	NM	2.5 (1)	N	Y	---	---	---	0
	6/5/2017	N	Y	145 (2)	NM	>3 (1)	Y	Y	147	147	Sheen	5
	6/9/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	6/13/2017	N	Y	144 (2)	NM	0.67 (1)	Y	Y	146	---	0.02	6
	6/16/2017	N	Y	144 (2)	NM	0.17 (1)	N	Y	---	---	---	0
	6/23/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	6/28/2017	N	Y	146 (2)	NM	>3 (1)	Y	N	---	147	---	5
	7/5/2017	N	Y	147 (2)	NM	>2 (1)	Y	Y	148 (2)	NM	>2 (1)	5
	7/12/2017	N	Y	145 (2)	NM	>1 (1)	Y	Y	147	NM	Sheen	5
	7/19/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	7/27/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	8/2/2017	N	Y	145 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	0.06 (1)	10
	8/9/2017	N	Y	146 (2)	NM	0.75 (1)	N	Y	---	---	---	0
	8/16/2017	N	Y	145 (2)	NM	>3 (1)	Y	Y	146	NM	0.3	8
	8/25/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	8/30/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	145 (2)	NM	>3 (1)	0
	9/8/2017	N	Y	145 (2)	NM	>3 (1)	Y	N	---	147	---	15
	9/13/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	9/20/2017	N	Y	146 (2)	NM	0.66 (1)	N	Y	---	---	---	0
	9/27/2017	N	Y	146 (2)	NM	>3 (1)	Y	N	---	147	---	11
	10/4/2017	N	Y	145 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	10/11/2017	N	Y	148 (2)	NM	0.16 (1)	N	Y	---	---	---	0
	10/18/2017	N	Y	146 (2)	NM	2 (1)	N	Y	---	---	---	0
	10/24/2017	N	Y	145 (2)	NM	2 (1)	N	Y	---	---	---	0
	11/8/2017	N	Y	146 (2)	NM	2 (1)	N	Y	---	---	---	0
	11/21/2017	N	Y	144 (2)	146 (2)	2 (1)	Y	Y	146 (2)	NM	0.13 (1)	3
	11/28/2017	N	Y	145 (2)	147 (2)	2 (1)	N	Y	---	---	---	0
	12/6/2017	N	Y	145 (2)	147 (2)	1.5 (1)	N	Y	---	---	---	0
	12/13/2017	N	Y	145 (2)	146.5 (2)	1.5 (1)	N	Y	---	---	---	0
	12/21/2017	N	Y	145 (2)	146.5 (2)	6 (1)	Y	Y	---	---	0.4 (1)	5
	1/10/2018	N	Y	145 (2)	147 (2)	2 (1)	Y	Y	145 (2)	NM	0.5 (1)	2
	1/17/2018	N	Y	143 (2)	NM	1.3 (1)	N	Y	---	---	---	0
LSZ43*	1/23/2018	N	Y	143 (2)	145 (2)	2 (1)	Y	Y	143 (2)	143.5 (2)	0.5 (1)	1.5
	7/8/2016	Y	N	---	144.70	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	150.33	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	150.12	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	150.15	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	150.14	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	149.70	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	149.25	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	149.57	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	148.80	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	148.65	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	148.84	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	148.04	---	N	N	---	---	---	0
	5/16/2017	Y	N	---	148.72	---	N	N	---	---	---	0
	6/20/2017	Y	N	---	148.57	---	N	N	---	---	---	0
	8/2/2017	Y	N	---	148.35	---	N	N	---	---	---	0
	9/13/2017	Y	N	---	147.98	---	N	N	---	---	---	0
	10/24/2017	Y	N	---	147.95	---	N	N	---	---	---	0
	11/8/2017	Y	N	---	147.86	---	N	N	---	---	---	0
LSZ44*	12/21/2017	Y	N	---	147.64	---	N	N	---	---	---	0
	6/27/2016	Y	N	---	151.61	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	148.94	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	7/11/2016	Y	N	---	145.00	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.89	---	N	N	---	---	---	0
	7/22/2016	Y	N	---	148.65	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.73	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	148.46	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	148.27	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	147.81	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	148.16	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	147.45	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	147.27	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	147.50	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	147.26	---	N	N	---	---	---	0
	5/16/2017	Y	N	---	147.39	---	N	N	---	---	---	0
	6/20/2017	Y	N	---	147.23	---	N	N	---	---	---	0
	8/2/2017	Y	N	---	147.10	---	N	N	---	---	---	0
	9/13/2017	Y	N	---	146.80	---	N	N	---	---	---	0
	10/24/2017	Y	N	---	147.70	---	N	N	---	---	---	0
	11/8/2017	Y	N	---	146.59	---	N	N	---	---	---	0
LSZ45*	12/21/2017	Y	N	---	146.56	---	N	N	---	---	---	0
	6/27/2016	Y	N	---	148.05	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	147.95	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	147.87	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	147.71	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	147.73	---	N	N	---	---	---	0
	9/2/2016	Y	Y	147.47	147.48	0.01	N	Y	---	---	---	0
	10/7/2016	Y	N	---	147.27	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	146.85	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	147.21	---	N	N	---	---	---	0
	1/10/2017	Y	N	---	147.18	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	146.44	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	146.27	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	146.50	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	146.26	---	N	N	---	---	---	0
	5/16/2017	Y	N	---	146.39	---	N	N	---	---	---	0
	6/20/2017	Y	N	---	146.23	---	N	N	---	---	---	0
	8/2/2017	Y	N	---	146.10	---	N	N	---	---	---	0
	9/13/2017	Y	N	---	145.80	---	N	N	---	---	---	0
	10/24/2017	Y	N	---	145.70	---	N	N	---	---	---	0
LSZ46*	11/8/2017	Y	N	---	146.59	---	N	N	---	---	---	0
	6/14/2016	Y	N	---	145.67	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	145.93	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	145.85	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	145.74	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	145.69	---	N	N	---	---	---	0
	9/2/2016	Y	Y	145.50	145.51	0.01	N	Y	---	---	---	0
	9/30/2016	Y	N	---	145.37	---	N	N	---	---	---	0
	11/30/2016	Y	N	---	144.27	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	145.30	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	144.40	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	144.34	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	144.46	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	144.23	---	N	N	---	---	---	0
	5/16/2017	Y	N	---	144.79	---	N	N	---	---	---	0
	6/20/2017	Y	N	---	144.29	---	N	N	---	---	---	0
	8/29/2017	Y	N	---	143.85	---	N	N	---	---	---	0
	12/13/2017	Y	N	---	144.36	---	N	N	---	---	---	0
	1/4/2018	Y	N	---	143.25	---	N	N	---	---	---	0
LSZ49*	1/23/2018	Y	N	---	143.31	---	N	N	---	---	---	0
	6/14/2016	Y	N	---	145.26	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	144.70	---	N	N	---	---	---	0
	7/15/2016	Y	Y	144.60	146.82	2.22	N	Y	---	---	---	0
	7/29/2016	Y	Y	144.48	146.69	2.21	N	Y	---	---	---	0
	8/5/2016	Y	N	---	144.42	---	N	N	---	---	---	0
	8/12/2016	Y	Y	144.42	146.62	2.20	N	Y	---	---	---	0
	8/19/2016	Y	Y	144.46	146.56	2.10	N	Y	---	---	---	0
	8/26/2016	Y	N	---	144.36	---	N	N	---	---	---	0
	9/2/2016	Y	Y	144.20	146.44	2.24	Y	N	---	147.00	0	5
	9/9/2016	Y	Y	144.78	144.81	0.03	N	Y	---	---	---	0
	9/16/2016	Y	N	---	144.69	---	N	N	---	---	---	0
	9/23/2016	Y	Y	144.60	144.68	0.08	N	Y	---	---	---	0
	9/30/2016	Y	N	---	144.55	---	N	N	---	---	---	0
	10/7/2016	Y	Y	144.57	144.62	0.05	N	Y	---	---	---	0
	10/21/2016	Y	Y	144.49	144.54	0.05	N	Y	---	---	---	0
	10/28/2016	Y	Y	144.21	144.27	0.06	N	Y	---	---	---	0
	11/30/2016	Y	Sheen	144.15	144.15	Sheen	N	Sheen	---	---	---	0
	12/8/2016	Y	N	---	144.45	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	12/15/2016	Y	N	---	144.23	---	N	N	---	---	---	0
	12/29/2016	Y	N	---	144.39	---	N	N	---	---	---	0
	1/13/2017	Y	Y	143.69	143.89	0.20	N	Y	---	---	---	0
	1/26/2017	Y	N	---	143.85	---	N	N	---	---	---	0
	2/10/2017	Y	Y	143.24	143.77	0.53	N	Y	---	---	---	0
	2/22/2017	Y	Y	143.38	144.50	1.12	N	Y	---	---	---	0
	2/28/2017	Y	Y	143.38	144.16	0.78	Y	Y	---	144.36	---	5
	3/15/2017	Y	Y	143.64	144.11	0.47	N	Y	---	---	---	0
	3/22/2017	Y	Y	143.46	144.15	0.69	N	Y	---	---	---	0
	4/10/2017	Y	Y	143.30	144.50	1.20	N	Y	---	---	---	0
	4/14/2017	Y	Y	143.05	144.45	1.40	Y	Y	144.95	144.97	0.02	5
	4/26/2017	Y	Y	143.22	143.95	0.73	N	Y	---	---	---	0
	5/12/2017	Y	Y	143.13	144.39	1.26	N	Y	---	---	---	0
	5/16/2017	Y	Y	143.20	144.62	1.42	N	Y	---	---	---	0
	6/2/2017	Y	Y	142.80	145.14	2.34	N	Y	---	---	---	0
	6/15/2017	Y	Y	142.71	147.81	5.10	Y	Y	---	144.00	0.00	23
	6/20/2017	Y	Y	143.39	143.51	0.12	N	Y	---	---	---	0
	7/5/2017	Y	Y	143.26	144.43	1.17	N	Y	---	---	---	0
	7/27/2017	Y	Y	142.40	146.33	3.93	Y	N	---	144.00	0.00	5
	8/2/2017	Y	N	---	143.38	---	N	N	---	---	---	0
	8/16/2017	Y	Y	141.03	149.40	8.37	Y	Y	143.75	144.25	0.50	10
	8/30/2017	Y	Y	142.40	143.60	0.80	N	Y	---	---	---	0
	9/13/2017	Y	Y	142.60	144.10	1.50	N	Y	---	---	---	0
	9/27/2017	Y	Y	142.45	144.85	2.40	N	Y	---	---	---	0
	10/11/2017	Y	Y	142.20	145.50	3.30	Y	Y	144.45	144.50	0.05	5
	10/24/2017	Y	Y	---	---	---	---	---	---	---	---	0
	11/8/2017	Y	Y	142.20	145.26	3.06	N	Y	---	---	---	0
	11/21/2017	Y	Y	142.01	145.88	3.87	Y	Y	146.58	147.08	0.50	3
	12/6/2017	Y	Y	142.02	143.56	1.54	N	Y	---	---	---	0
	12/21/2017	Y	Y	---	143.73	---	N	N	---	---	---	0
	1/4/2018	Y	Y	142.50	143.04	0.54	N	N	---	---	---	0
LSZ50*	1/17/2018	Y	Y	142.64	143.11	0.47	N	N	---	---	---	0
	7/8/2016	Y	N	---	149.00	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.89	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.71	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.74	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	148.50	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	148.26	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	148.01	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	148.15	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	147.16	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	147.30	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	147.33	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	147.28	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	147.45	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	147.79	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	146.70	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	146.70	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	146.62	---	N	N	---	---	---	0
LSZ52*	1/4/2018	Y	N	---	147.60	---	N	N	---	---	---	0
	12/22/2016	Y	N	---	147.51	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	147.41	---	N	N	---	---	---	0
	3/10/2017	Y	N	---	147.13	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	146.64	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	147.04	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	146.66	---	N	N	---	---	---	0
	11/8/2017	Y	N	---	146.16	---	N	N	---	---	---	0
LSZ53*	12/21/2017	Y	N	---	146.17	---	N	N	---	---	---	0
	12/20/2016	Y	N	---	149.52	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	148.43	---	N	N	---	---	---	0
	3/13/2017	Y	N	---	148.80	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	148.45	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	148.75	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	148.70	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	148.70	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	148.03	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	148.05	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/21/2017	Y	N	---	147.89	---	N	N	---	---	---	0
LSZ54*	1/4/2018	Y	N	---	147.68	---	N	N	---	---	---	0
	12/19/2016	Y	N	---	150.63	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	149.86	---	N	N	---	---	---	0
	3/14/2017	Y	N	---	150.29	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	149.84	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	150.07	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	150.03	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	149.30	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	149.35	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	149.38	---	N	N	---	---	---	0
LSZ55*	1/4/2018	Y	N	---	149.03	---	N	N	---	---	---	0
	12/21/2016	Y	N	---	145.35	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.41	---	N	N	---	---	---	0
	3/9/2017	Y	N	---	144.84	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	144.39	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	144.62	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	144.56	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	144.00	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	144.12	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	143.85	---	N	N	---	---	---	0
	12/6/2017	Y	N	---	143.76	---	N	N	---	---	---	0
LSZ56*	1/17/2018	Y	N	---	144.88	---	N	N	---	---	---	0
	12/23/2016	Y	N	---	145.25	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.35	---	N	N	---	---	---	0
	3/13/2017	Y	N	---	144.84	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	144.40	---	N	N	---	---	---	0
	6/16/2017	Y	N	---	144.60	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	144.46	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	144.50	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	143.90	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	143.74	---	N	N	---	---	---	0
	12/6/2017	Y	N	---	143.72	---	N	N	---	---	---	0
LSZ57*	1/17/2018	Y	N	---	144.08	---	N	N	---	---	---	0
	12/22/2016	Y	N	---	143.91	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	143.09	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	143.41	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	143.00	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	143.25	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	143.13	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	147.45	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	142.60	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	142.54	---	N	N	---	---	---	0
	12/6/2017	Y	N	---	142.50	---	N	N	---	---	---	0
LSZ58*	1/17/2018	Y	N	---	143.15	---	N	N	---	---	---	0
	12/23/2016	Y	N	---	146.04	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	145.22	---	N	N	---	---	---	0
	3/9/2017	Y	N	---	145.46	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	145.12	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	145.38	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	145.13	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	144.75	---	N	N	---	---	---	0
	11/8/2017	Y	N	---	144.63	---	N	N	---	---	---	0
LSZ59*	12/21/2017	Y	N	---	144.61	---	N	N	---	---	---	0
	12/21/2016	Y	N	---	146.45	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	145.54	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	146.11	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	145.59	---	N	N	---	---	---	0
	6/9/2017	Y	N	---	145.82	---	N	N	---	---	---	0
	7/19/2017	Y	N	---	145.65	---	N	N	---	---	---	0
	8/30/2017	Y	N	---	145.71	---	N	N	---	---	---	0
	10/11/2017	Y	N	---	145.30	---	N	N	---	---	---	0
	11/21/2017	Y	N	---	145.24	---	N	N	---	---	---	0
	12/6/2017	Y	N	---	145.21	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
LSZ60*	1/17/2018	Y	N	---	145.36	---	N	N	---	---	---	0

NM = Not measured due to temperature interference. NR = Not recorded.
--- = No NAPL present. Measurement not performed. '* = Newly installed well.

Notes:

(1) LNAPL estimated using PTFE bailer, not interface probe.
(2) Depth measured using a bailer.
(3) Depth measured using a tagline.
(4) LNAPL recovered included water.
(5) Dual screened well location monitored for LNAPL in the upper interval only.
(6) Dual screened well location monitored for LNAPL in the lower interval only.
(7) Dual screened well location was monitored after packer was pulled from well.
(8) Depth to water couldn't be determined via interface probe due to water temperatures exceeding probe limits at the depth recorded.
(9) Extraction well pump installed for active containment system. Regular monitoring and removal of LNAPL ceases at this well due to access issues.
(10) Actual LNAPL removal volume was not reported for this event. Volume removed is estimated to be the volume of LNAPL in the well casing at the time of removal (based on approximate thickness of LNAPL reported prior to LNAPL removal).
(11) NAPL thickness measured in a 1.5" pipe. An estimated thickness for a 4" pipe has been provided based on measured thickness in the 1.5" pipe and applying an area ratio.

W11 and W37 data included only for charting. Do not print as part of Attachment 1. (Incorrect data in 30 September LNAPL table)