From:	Granger, Michelle
To:	Hauber, Erin M CIV USARMY CENWK (USA); Brink, Bradley J CIV USARMY CENWK (US)
Subject:	FW: Pohatcong OU3 - presence of 1,4-D and TCA, responding to question from NJDEP
Date:	Tuesday, April 30, 2019 9:31:00 AM
Attachments:	1,1,1-TCA in GW in GWETS Influent-Effluent.xlsx 1,4-D in GW in GWETS Influent-Effluent.xlsx

Hi, Erin and Brad-

Please see attached. Let's talk after your review.

Thank you!
Michelle-

-----Original Message-----
From: Bruce Scott Kennington <bkennington@ramboll.com>
Sent: Monday, April 29, 2019 5:36 PM
To: Granger, Michelle <Granger.Michelle@epa.gov>
Cc: Luis Hidalgo (Luis.Hidalgo@riotinto.com) <Luis.Hidalgo@riotinto.com>; Angela DeDolph <adedolph@ramboll.com>; Stan Popelar <SPopelar@ramboll.com>; Scott Tarmann <starmann@ramboll.com>
Subject: RE: Pohatcong OU3 - presence of 1,4-D and TCA, responding to question from NJDEP

Michelle:

Please see the attached files with a summary of the analytical results for 1,4-D and 111-TCA for the GWETS influent and effluent samples for OU1(TCE).

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-----Original Message-----
From: Bruce Scott Kennington
Sent: Monday, April 29, 2019 2:31 PM
To: Granger, Michelle <Granger.Michelle@epa.gov>
Cc: Luis Hidalgo (Luis.Hidalgo@riotinto.com) <Luis.Hidalgo@riotinto.com>; Angela DeDolph <adedolph@ramboll.com>; Stan Popelar <spopelar@ramboll.com>; Scott Tarmann <starmann@ramboll.com>
Subject: RE: Pohatcong OU3 - presence of 1,4-D and TCA, responding to question from NJDEP

Dear Michelle:

On behalf of PPPI and Luis Hidalgo (Project Coordinator OU1(TCE)) the following and attached information is provided.

As neither 1,4-dioxane (1,4-D) nor 1,1,1-trichloroethane (111-TCA) were identified as suspected constituents in the soils of OU3, these compounds were not specifically analyzed for in the soil samples that we collected for OU3 during the Pre-Design Investigation (PDI) performed in the spring/summer 2018 and the Supplemental Soil Borings performed during the Albéa plant shutdown in December 2018. Specifically for 1,4-D, the laboratory equipment was not calibrated for this compound and so we have no way of determining if this compound was or was not present.

The boiling point for 1,4-D is slightly higher than that of the target compound for OU3, trichloroethylene (TCE).

With operation of the ISTR system to heat the thermal treatment zone to 90 deg C or higher, if present, 1,4-D would be volatilized along with TCE. The NJDEP is correct in that if present and captured in the extracted vapors of the ISTR System, 1,4-D in the condensate would not be effectively treated by the liquid phase granular activated carbon during ISTR system operation. However, it is noted that we would analyze samples of the treated condensate prior to introduction into the GWETS, and this analysis would include 1,4-D and 111-TCA. If for some reason 1,4-D was detected in the treated condensate above the discharge permit limits for the GWETS, the disposal of these liquids could be managed by other means (e.g., off-site disposal).

Although we do not have results for 1,4-D or 111-TCA in soils of OU3, we have a considerable amount of data with results of 1,4-D and 111-TCA analysis of groundwater in OU1(TCE) on the former ANC property. In response to your below request, please see the attached with the results of a query of our EQUiS database of analytical results for 1,4-D and 111-TCA for groundwater within OU1(TCE) for wells located on the former ANC property.

Please let us know if there are additional concerns or if you would like to have a call to discuss.

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-----Original Message-----
From: Granger, Michelle <Granger.Michelle@epa.gov>
Sent: Monday, April 29, 2019 9:24 AM
To: Bruce Scott Kennington <bkennington@ramboll.com>
Subject: Pohatcong OU3 - presence of 1,4-D and TCA, responding to question from NJDEP

Hi, Bruce-

EPA and USACE had a call with NJDEP on Monday, April 15th to brief them on the OU3 in situ thermal remediation design. During our call, they asked about the presence of 1,4-dioxane and indicator compound 1,1,1-trichloroethane specifically in OU3. Their concern is that we'd recover 1,4-dioxane during thermal treatment, the condensate (~4 gpm) would be routed through the above ground thermal treatment system and GET system which may not effectively remove 1,4-D. Reinjection of water impacted with 1,4-dioxane could result in redistribution.

I understand that Ramboll has been analyzing for 1,4-dioxane in the OU1 monitoring wells and treatment system.

In response to NJDEP's question that arose during the 90% RD, could Ramboll provide to EPA a query of all detections of 1,4-dioxane and 1,1,1-trichloroethane from samples collected at monitoring wells, extraction wells, and the groundwater treatment system as well as a brief summary (e.g., handful of bullets) of observations?

Thank you!
Michelle-

oethane Concentrations in GWETS Influent
ohatcong Valley Groundwater Contaminatio

	Influent	Effluent
	SP200	SP620
2/17/16	< 1.0	< 1.0
3/23/16	< 1.0	< 1.0
3/25/16	< 1.0	< 1.0
3/26/16	< 1.0	< 1.0
3/27/16	< 1.0	< 1.0
3/28/16	< 1.0	< 1.0
3/29/16	< 1.0	< 1.0
3/30/16	< 1.0	< 1.0
3/31/16	< 1.0	< 1.0
4/7/16	< 1.0	< 1.0
4/12/16	< 1.0	< 1.0
4/19/16	< 1.0	< 1.0
4/26/16	< 1.0	< 1.0
5/19/16	< 1.0	< 1.0
6/21/16	< 1.0	< 1.0
7/14/16	< 1.0	< 1.0
8/9/16	< 1.0	< 1.0
9/19/16	< 1.0	< 1.0
10/19/16	< 1.0	< 1.0
11/14/16	< 1.0	< 1.0
12/12/16	< 1.0	< 1.0
2/21/17	< 1.0	< 1.0
3/30/17	< 1.0	< 1.0
4/13/17	< 1.0	< 1.0
6/1/17	< 1.0	< 1.0
6/29/17	< 1.0	< 1.0
7/19/17	< 1.0	< 1.0
8/3/17	< 1.0	< 1.0
9/29/17	< 1.0	< 1.0
10/10/17	< 1.0	< 1.0
11/15/17	< 1.0	< 1.0
12/14/17	< 1.0	< 1.0
1/18/18	< 1.0	< 1.0
2/15/18	< 1.0	< 1.0
3/22/18	< 1.0	< 1.0
4/19/18	< 1.0	< 1.0
5/24/18	< 1.0	< 1.0
6/14/18	< 1.0	< 1.0
7/19/18	< 1.0	< 1.0
8/16/18	< 1.0	< 1.0
9/13/18	< 1.0	< 1.0
10/24/18	< 1.0	< 1.0
12/13/18	< 1.0	< 1.0
1/17/19	< 1.0	< 1.0
2/14/19	< 1.0	< 1.0
3/29/19	< 1.0	< 1.0

Notes:
Concentrations of 1,1,1-trichloroethane shown i
Detected concentrations shown in bold text

FACILITY_	FACILITY_	SYS_LOC_	LOC_NAME	SAMPLE_II	SYS_SAMP	SAMPLE_N	SAMPLE_D	SAMPLEDA	SAMPLETIN
10137	Alcan	SP200	SP200	2323431	INF-SP200	INF-SP200	2/17/2016	17 Feb 201	13:30
10137	Alcan	SP620	SP620	2323422	EFF-SP620	EFF-SP620	2/17/2016	17 Feb 201	13:30
10137	Alcan	SP620	SP620	2323425	EFF-SP620	EFF-SP620	2/17/2016	17 Feb 201	13:30
10137	Alcan	SP200	SP200	2323434	INF-SP200	INF-SP200	2/17/2016	17 Feb 201	15:00
10137	Alcan	SP620	SP620	2323426	EFF-SP620	EFF-SP620	2/17/2016	17 Feb 201	15:00
10137	Alcan	SP200	SP200	2323463	INF-SP200	INF-SP200	2/17/2016	17 Feb 201	17:00
10137	Alcan	SP620	SP620	2323460	EFF-SP620	EFF-SP620	2/17/2016	17 Feb 201	17:00
10137	Alcan	SP620	SP620	2458298	EFF-SP620	EFF-SP620	3/23/2016	23 Mar 201	15:05
10137	Alcan	SP620	SP620	2458297	EFF-SP620	EFF-SP620	3/23/2016	23 Mar 201	15:05
10137	Alcan	SP620	SP620	2458299	EFF-SP620	EFF-SP620	3/23/2016	23 Mar 201	15:05
10137	Alcan	SP200	SP200	2458304	INF-SP200	INF-SP200	3/23/2016	23 Mar 201	15:25
10137	Alcan	SP620	SP620	2458319	EFF-SP620	EFF-SP620	3/25/2016	25 Mar 201	12:55
10137	Alcan	SP200	SP200	2458321	INF-SP200	INF-SP200	3/25/2016	25 Mar 201	13:00
10137	Alcan	SP620	SP620	2458435	EFF-SP62B	EFF-SP620	3/26/2016	26 Mar 201	09:00
10137	Alcan	SP200	SP200	2458437	INF-SP200	INF-SP200	3/26/2016	26 Mar 201	09:05
10137	Alcan	SP620	SP620	2458466	EFF-SP620	EFF-SP620	3/27/2016	27 Mar 201	11:45
10137	Alcan	SP200	SP200	2458470	INF-SP200	INF-SP200	3/27/2016	27 Mar 201	12:00
10137	Alcan	SP620	SP620	2458485	EFF-SP620	EFF-SP620	3/28/2016	28 Mar 201	09:45
10137	Alcan	SP200	SP200	2458596	INF-SP200	INF-SP200	3/28/2016	28 Mar 201	10:00
10137	Alcan	SP620	SP620	2458609	EFF-SP620	EFF-SP620	3/29/2016	29 Mar 201	06:10
10137	Alcan	SP200	SP200	2458610	INF-SP200	INF-SP200	3/29/2016	29 Mar 201	06:20
10137	Alcan	SP620	SP620	2458628	EFF-SP620	EFF-SP620	3/30/2016	30 Mar 201	11:45
10137	Alcan	SP200	SP200	2458629	INF-SP200	INF-SP200	3/30/2016	30 Mar 201	12:00
10137	Alcan	SP620	SP620	2467801	EFF-SP620	EFF-SP620	3/31/2016	31 Mar 201	09:30
10137	Alcan	SP200	SP200	2467802	INF-SP200	INF-SP200	3/31/2016	31 Mar 201	09:45
10137	Alcan	SP620	SP620	2488250	EFF-SP620	EFF-SP620	4/7/2016	07 Apr 201	08:15
10137	Alcan	SP200	SP200	2488251	INF-SP200	INF-SP200	4/7/2016	07 Apr 201	08:30
10137	Alcan	SP620	SP620	2488266	EFF-SP620	EFF-SP620	4/12/2016	12 Apr 201	08:45
10137	Alcan	SP200	SP200	2488270	INF-SP200	INF-SP200	4/12/2016	12 Apr 201	09:00
10137	Alcan	SP620	SP620	2591919	EFF-SP620	EFF-SP620	4/19/2016	19 Apr 201	08:05
10137	Alcan	SP200	SP200	2591922	INF-SP200	INF-SP200	4/19/2016	19 Apr 201	08:20
10137	Alcan	SP620	SP620	2522952	EFF-SP620	EFF-SP620	4/26/2016	26 Apr 201	08:30
10137	Alcan	SP200	SP200	2522953	INF-SP200	INF-SP200	4/26/2016	26 Apr 201	08:45
10137	Alcan	SP200	SP200	2593270	INF-SP200	INF-SP200	5/19/2016	19 May 20	12:00
10137	Alcan	SP620	SP620	2593267	EFF-SP620	EFF-SP620	5/19/2016	19 May 20	12:28
10137	Alcan	SP620	SP620	2655779	EFF-SP620	EFF-SP620	6/21/2016	21 Jun 201	12:30
10137	Alcan	SP200	SP200	2655780	INF-SP200	INF-SP200	6/21/2016	21 Jun 201	12:45
10137	Alcan	SP620	SP620	2757680	EFF-SP620	EFF-SP620	7/14/2016	14 Jul 201	08:30
10137	Alcan	SP620	SP620	2757679	EFF-SP620	EFF-SP620	7/14/2016	14 Jul 201	08:30
10137	Alcan	SP200	SP200	2757682	INF-SP200	INF-SP200	7/14/2016	14 Jul 201	08:45
10137	Alcan	SP620	SP620	2819720	EFF-SP620	EFF-SP620	8/9/2016	09 Aug 20	09:00
10137	Alcan	SP200	SP200	2819723	INF-SP200	INF-SP200	8/9/2016	09 Aug 20	09:30
10137	Alcan	SP620	SP620	2907119	EFF-SP620	EFF-SP620	9/19/2016	19 Sep 201	00:00
10137	Alcan	SP200	SP200	2907122	INF-SP200	INF-SP200	9/19/2016	19 Sep 201	08:45
10137	Alcan	SP200	SP200	3001665	INF SP200	INF-SP200	######	19 Oct 201	10:30
10137	Alcan	SP620	SP620	3001664	ENF SP620	EFF-SP620	######	19 Oct 201	10:45
10137	Alcan	SP620	SP620	3054362	EFF-SP620	EFF-SP620	######	14 Nov 20	09:00
10137	Alcan	SP200	SP200	3054363	INF-SP200	INF-SP200	######	14 Nov 20	09:30

10137	Alcan	SP200	SP200	3575795	INF-SP200	INF-SP200	######	12 Dec 201	10:15
10137	Alcan	SP620	SP620	3575794	EFF-SP620	EFF-SP620	######	12 Dec 201	10:20
10137	Alcan	SP620	SP620	3786827	EFF-SP620	EFF-SP620	2/21/2017	21 Feb 201	08:45
10137	Alcan	SP200	SP200	3786828	INF-SP200	INF-SP200	2/21/2017	21 Feb 201	09:00
10137	Alcan	SP620	SP620	3903185	ENF SP620	EFF-SP620	3/30/2017	30 Mar 201	10:45
10137	Alcan	SP200	SP200	3903187	INF SP200	INF-SP200	3/30/2017	30 Mar 201	10:53
10137	Alcan	SP200	SP200	3932323	INF-SP200	INF-SP200	4/13/2017	13 Apr 201	09:02
10137	Alcan	SP620	SP620	3932320	EFF-SP620	EFF-SP620	4/13/2017	13 Apr 201	09:10
10137	Alcan	SP200	SP200	4084031	INF-SP200	INF-SP200	6/1/2017	01 Jun 201	09:00
10137	Alcan	SP620	SP620	4084030	EFF-SP620	EFF-SP620	6/1/2017	01 Jun 201	09:30
10137	Alcan	SP200	SP200	4132355	INF-SP200	INF-SP200	6/29/2017	29 Jun 201	10:25
10137	Alcan	SP620	SP620	4132354	EFF-SP620	EFF-SP620	6/29/2017	29 Jun 201	10:35
10137	Alcan	SP620	SP620	4165904	EFF-SP620	EFF-SP620	7/19/2017	19 Jul 201	08:58
10137	Alcan	SP200	SP200	4165905	INF-SP200	INF-SP200	7/19/2017	19 Jul 201	09:04
10137	Alcan	SP620	SP620	4224174	EFF-SP620	EFF-SP620	8/3/2017	03 Aug 20	10:19
10137	Alcan	SP200	SP200	4224177	INF-SP200	INF-SP200	8/3/2017	03 Aug 20	10:24
10137	Alcan	SP200	SP200	4338673	INF-SP200	INF-SP200	9/29/2017	29 Sep 201	10:22
10137	Alcan	SP620	SP620	4338672	EFF-SP620	EFF-SP620	9/29/2017	29 Sep 201	10:45
10137	Alcan	SP620	SP620	4374501	EFF-SP620	EFF-SP620	######	10 Oct 201	09:00
10137	Alcan	SP200	SP200	4374504	INF-SP200	INF-SP200	######	10 Oct 201	09:30
10137	Alcan	SP620	SP620	4448709	EFF-SP620	EFF-SP620	######	15 Nov 20	09:00
10137	Alcan	SP200	SP200	4448712	INF-SP200	INF-SP200	######	15 Nov 20	09:10
10137	Alcan	SP620	SP620	4479641	EFF-SP620	EFF-SP620	######	14 Dec 201	09:00
10137	Alcan	SP200	SP200	4479644	INF-SP200	INF-SP200	######	14 Dec 201	09:10
10137	Alcan	SP620	SP620	4570883	EFF-SP620	EFF-SP620	1/18/2018	18 Jan 201	09:00
10137	Alcan	SP200	SP200	4570886	INF-SP200	INF-SP200	1/18/2018	18 Jan 201	09:10
10137	Alcan	SP620	SP620	4688650	EFF-SP620	EFF-SP620	2/15/2018	15 Feb 201	09:00
10137	Alcan	SP200	SP200	4688653	INF-SP200	INF-SP200	2/15/2018	15 Feb 201	09:10
10137	Alcan	SP620	SP620	4805536	DUP-SP62	DUP-SP62	3/22/2018	22 Mar 201	00:00
10137	Alcan	SP620	SP620	4805537	EFF-SP620	EFF-SP620	3/22/2018	22 Mar 201	09:00
10137	Alcan	SP200	SP200	4805538	INF-SP200	INF-SP200	3/22/2018	22 Mar 201	09:10
10137	Alcan	SP620	SP620	4855716	EFF-SP620	EFF-SP620	4/19/2018	19 Apr 201	09:00
10137	Alcan	SP200	SP200	4855717	INF-SP200	INF-SP200	4/19/2018	19 Apr 201	09:10
10137	Alcan	SP620	SP620	4971148	EFF-SP620	EFF-SP620	5/24/2018	24 May 20	09:00
10137	Alcan	SP200	SP200	4971149	INF-SP200	INF-SP200	5/24/2018	24 May 20	09:10
10137	Alcan	SP620	SP620	5100229	EFF-SP620	EFF-SP620	6/14/2018	14 Jun 201	09:00
10137	Alcan	SP200	SP200	5100231	INF-SP200	INF-SP200	6/14/2018	14 Jun 201	09:10
10137	Alcan	SP620	SP620	5278747	EFF-SP620	EFF-SP620	7/19/2018	19 Jul 201	09:00
10137	Alcan	SP200	SP200	5278750	INF-SP200	INF-SP200	7/19/2018	19 Jul 201	09:10
10137	Alcan	SP620	SP620	5337624	EFF-SP620	EFF-SP620	8/16/2018	16 Aug 20	09:00
10137	Alcan	SP200	SP200	5337625	INF-SP200	INF-SP200	8/16/2018	16 Aug 20	09:10
10137	Alcan	SP620	SP620	5396654	EFF-SP620	EFF-SP620	9/13/2018	13 Sep 201	09:00
10137	Alcan	SP200	SP200	5396655	INF-SP200	INF-SP200	9/13/2018	13 Sep 201	09:10
10137	Alcan	SP620	SP620	5552023	EFF-SP620	EFF-SP620	######	24 Oct 201	09:00
10137	Alcan	SP200	SP200	5552026	INF-SP200	INF-SP200	######	24 Oct 201	09:10
10137	Alcan	SP620	SP620	7918140	EFF-SP620	EFF-SP620	######	13 Dec 201	09:00
10137	Alcan	SP200	SP200	7918143	INF-SP200	INF-SP200	######	13 Dec 201	09:10
10137	Alcan	SP620	SP620	7980905	EFF-SP620	EFF-SP620	1/17/2019	17 Jan 201	10:00
10137	Alcan	SP200	SP200	7980909	INF-SP200	INF-SP200	1/17/2019	17 Jan 201	10:10

10137	Alcan	SP620	SP620	7980927	EFF-SP620	EFF-SP620	2/14/2019	14 Feb 201	09:00
10137	Alcan	SP200	SP200	7981059	INF-SP200	INF-SP200	2/14/2019	14 Feb 201	09:10
10137	Alcan	SP200	SP200	8091448	INF-SP200	INF-SP200	3/29/2019	29 Mar 201	14:10
10137	Alcan	SP620	SP620	8091447	EFF-SP620	EFF-SP620	3/29/2019	29 Mar 201	14:10

SAMPLE_T	START_DE	END_DEPT	DEPTH_UN	MATRIX_C	TASK_COD	TASK_COD	PARENT_S	FIELD_SDG	ANALYSIS_
N				WTS	GWETS_baseline			460109031	LB
N				WTS	GWETS_Baseline			460109031	LB
FD				WTS	GWETS_Baseline		EFF-SP620	460109031	LB
N				WTS	GWETS_baseline			460109031	LB
N				WTS	GWETS_Baseline			460109031	LB
N				WTS	GWETS_baseline			460109035	LB
N				WTS	GWETS_Baseline			460109035	LB
FD				WTS	GWETS		EFF-SP620	460110952	LB
N				WTS	GWETS			460110952	LB
N				WTS	GWETS			460110952	LB
N				WTS	GWETS			460110952	LB
N				WTS	GWETS			460111063	LB
N				WTS	GWETS			460111063	LB
N				WTS	GWETS			460111090	LB
N				WTS	GWETS			460111090	LB
N				WTS	GWETS			460111146	LB
N				WTS	GWETS			460111146	LB
N				WTS	GWETS			460111150	LB
N				WTS	GWETS			460111150	LB
N				WTS	GWETS			460111191	LB
N				WTS	GWETS			460111191	LB
N				WTS	GWETS			460111246	LB
N				WTS	GWETS			460111246	LB
N				WTS	GWETS			460111321	LB
N				WTS	GWETS			460111321	LB
N				WTS	GWETS			460111670	LB
N				WTS	GWETS			460111670	LB
N				WTS	GWETS			460111998	LB
N				WTS	GWETS			460111998	LB
N				WTS	GWETS			460112416	LB
N				WTS	GWETS			460112416	LB
N				WTS	GWETS			460112776	LB
N				WTS	GWETS			460112776	LB
N				WTS	GWETS			460114026	LB
N				WTS	GWETS			460114099	LB
N				WTS	GWETS			460115769	LB
N				WTS	GWETS			460115769	LB
FD				WTS	GWETS		EFF-SP620	460116979	LB
N				WTS	GWETS			460116979	LB
N				WTS	GWETS			460116979	LB
N				WTS	GWETS			460118361	LB
N				WTS	GWETS			460118361	LB
N				WTS	GWETS			460120434	LB
N				WTS	GWETS			460120434	LB
N				WTS	GWETS			460122281	LB
N				WTS	GWETS			460122281	LB
N				WTS	GWETS			460123779	LB
N				WTS	GWETS			460123779	LB

N	WTS	GWETS		460125223	LB
N	WTS	GWETS		460125223	LB
N	WTS	GWETS		460128753	LB
N	WTS	GWETS		460128753	LB
N	WTS	GWETS		460130741	LB
N	WTS	GWETS		460130741	LB
N	WTS	GWETS		460131532	LB
N	WTS	GWETS		460131532	LB
N	WTS	GWETS		460134430	LB
N	WTS	GWETS		460134430	LB
N	WTS	GWETS		460136308	LB
N	WTS	GWETS		460136308	LB
N	WTS	GWETS		460137643	LB
N	WTS	GWETS		460137643	LB
N	WTS	GWETS		460138493	LB
N	WTS	GWETS		460138493	LB
N	WTS	GWETS		460142012	LB
N	WTS	GWETS		460142012	LB
N	WTS	GWETS		460142675	LB
N	WTS	GWETS		460142675	LB
N	WTS	GWETS		460145185	LB
N	WTS	GWETS		460145185	LB
N	WTS	GWETS		460147083	LB
N	WTS	GWETS		460147083	LB
N	WTS	GWETS		460148750	LB
N	WTS	GWETS		460148750	LB
N	WTS	GWETS		460150389	LB
N	WTS	GWETS		460150389	LB
FD	WTS	GWETS	EFF-SP620	460152482	LB
N	WTS	GWETS		460152482	LB
N	WTS	GWETS		460152482	LB
N	WTS	GWETS		460154401	LB
N	WTS	GWETS		460154401	LB
N	WTS	GWETS		460156955	LB
N	WTS	GWETS		460156955	LB
N	WTS	GWETS		460158368	LB
N	WTS	GWETS		460158368	LB
N	WTS	GWETS		460160911	LB
N	WTS	GWETS		460160911	LB
N	WTS	GWETS		460162776	LB
N	WTS	GWETS		460162776	LB
N	WTS	GWETS		460164605	LB
N	WTS	GWETS		460164605	LB
N	WTS	GWETS		460167635	LB
N	WTS	GWETS		460167635	LB
N	WTS	GWETS		460171407	LB
N	WTS	GWETS		460171407	LB
N	WTS	GWETS		460173677	LB
N	WTS	GWETS		460173677	LB

N	WTS	GWETS	460175377	LB
N	WTS	GWETS	460175377	LB
N	WTS	GWETS	460178492	LB
N	WTS	GWETS	460178492	LB

LAB_SAMP	LAB_MATR	LAB_NAME	ANALYTIC_	ANALYSIS_	COLUMN_N	FRACTION	TEST_TYPE	PREP_MET	LEACHATE_
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-10903	WG	TAED	SW8260	2/22/2016	NA	T	Initial	SW5030	
460-11095	WG	TAED	SW8260	3/25/2016	NA	T	Initial	SW5030	
460-11095	WG	TAED	SW8260	3/25/2016	NA	T	Initial	SW5030	
460-11095	WG	TAED	SW8260	3/25/2016	NA	T	Initial	SW5030	
460-11095	WG	TAED	SW8260	3/25/2016	NA	T	Initial	SW5030	
460-11106	WG	TAED	SW8260	3/26/2016	NA	T	Initial	SW5030	
460-11106	WG	TAED	SW8260	3/26/2016	NA	T	Initial	SW5030	
460-11109	WG	TAED	SW8260	3/28/2016	NA	T	Initial	SW5030	
460-11109	WG	TAED	SW8260	3/28/2016	NA	T	Initial	SW5030	
460-11114	WG	TAED	SW8260	3/28/2016	NA	T	Initial	SW5030	
460-11114	WG	TAED	SW8260	3/29/2016	NA	T	Initial	SW5030	
460-11115	WG	TAED	SW8260	3/29/2016	NA	T	Initial	SW5030	
460-11115	WG	TAED	SW8260	3/29/2016	NA	T	Initial	SW5030	
460-11119	WG	TAED	SW8260	3/30/2016	NA	T	Initial	SW5030	
460-11119	WG	TAED	SW8260	3/30/2016	NA	T	Initial	SW5030	
460-11124	WG	TAED	SW8260	3/31/2016	NA	T	Initial	SW5030	
460-11124	WG	TAED	SW8260	3/31/2016	NA	T	Initial	SW5030	
460-11132	WG	TAED	SW8260	4/1/2016	NA	T	Initial	SW5030	
460-11132	WG	TAED	SW8260	4/1/2016	NA	T	Initial	SW5030	
460-11167	WG	TAED	SW8260	4/8/2016	NA	T	Initial	SW5030	
460-11167	WG	TAED	SW8260	4/8/2016	NA	T	Initial	SW5030	
460-11199	WG	TAED	SW8260	4/13/2016	NA	T	Initial	SW5030	
460-11199	WG	TAED	SW8260	4/13/2016	NA	T	Initial	SW5030	
460-11241	WG	TAED	SW8260	4/20/2016	NA	T	Initial	SW5030	
460-11241	WG	TAED	SW8260	4/20/2016	NA	T	Initial	SW5030	
460-11277	WG	TAED	SW8260	4/27/2016	NA	T	Initial	SW5030	
460-11277	WG	TAED	SW8260	4/27/2016	NA	T	Initial	SW5030	
460-11402	WG	TAED	SW8260	5/24/2016	NA	T	Initial	SW5030	
460-11402	WG	TAED	SW8260	5/24/2016	NA	T	Initial	SW5030	
460-11576	WG	TAED	SW8260	6/23/2016	NA	T	Initial	SW5030	
460-11576	WG	TAED	SW8260	6/23/2016	NA	T	Initial	SW5030	
460-11697	WG	TAED	SW8260	7/19/2016	NA	T	Initial	SW5030	
460-11697	WG	TAED	SW8260	7/19/2016	NA	T	Initial	SW5030	
460-11697	WG	TAED	SW8260	7/19/2016	NA	T	Initial	SW5030	
460-11836	W	TAED	SW8260	8/12/2016	NA	T	Initial	SW5030	
460-11836	WG	TAED	SW8260	8/13/2016	NA	T	Initial	SW5030	
460-12043	W	TAED	SW8260	9/20/2016	NA	T	Initial	SW5030	
460-12043	W	TAED	SW8260	9/20/2016	NA	T	Initial	SW5030	
460-12228	W	TAED	SW8260	######	NA	T	Initial	SW5030	
460-12228	W	TAED	SW8260	######	NA	T	Initial	SW5030	
460-12377	WGWS	TAED	SW8260	######	NA	T	Initial	SW5030	
460-12377	WGWS	TAED	SW8260	######	NA	T	Initial	SW5030	

460-12522 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-12522 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-12875 W	TAED	SW8260	2/23/2017	NA	T	Initial	SW5030
460-12875 W	TAED	SW8260	2/23/2017	NA	T	Initial	SW5030
460-13074 W	TAED	SW8260	4/6/2017	NA	T	Initial	SW5030
460-13074 W	TAED	SW8260	4/6/2017	NA	T	Initial	SW5030
460-13153 W	TAED	SW8260	4/17/2017	NA	T	Initial	SW5030
460-13153 W	TAED	SW8260	4/17/2017	NA	T	Initial	SW5030
460-13443 W	TAED	SW8260	6/7/2017	NA	T	Initial	SW5030
460-13443 W	TAED	SW8260	6/7/2017	NA	T	Initial	SW5030
460-13630 WG	TAED	SW8260	7/5/2017	NA	T	Initial	SW5030
460-13630 WG	TAED	SW8260	7/5/2017	NA	T	Initial	SW5030
460-13764 W	TAED	SW8260	7/26/2017	NA	T	Initial	SW5030
460-13764 W	TAED	SW8260	7/26/2017	NA	T	Initial	SW5030
460-13849 W	TAED	SW8260	8/5/2017	NA	T	Initial	SW5030
460-13849 W	TAED	SW8260	8/5/2017	NA	T	Initial	SW5030
460-14201 W	TAED	SW8260	10/6/2017	NA	T	Initial	SW5030
460-14201 W	TAED	SW8260	10/6/2017	NA	T	Initial	SW5030
460-14267 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-14267 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-14518 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-14518 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-14708 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-14708 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-14875 W	TAED	SW8260	1/23/2018	NA	T	Initial	SW5030
460-14875 W	TAED	SW8260	1/23/2018	NA	T	Initial	SW5030
460-15038 W	TAED	SW8260	2/20/2018	NA	T	Initial	SW5030
460-15038 W	TAED	SW8260	2/20/2018	NA	T	Initial	SW5030
460-15248 W	TAED	SW8260	3/25/2018	NA	T	Initial	SW5030
460-15248 W	TAED	SW8260	3/25/2018	NA	T	Initial	SW5030
460-15248 W	TAED	SW8260	3/25/2018	NA	T	Initial	SW5030
460-15440 W	TAED	SW8260	4/23/2018	NA	T	Initial	SW5030
460-15440 W	TAED	SW8260	4/23/2018	NA	T	Initial	SW5030
460-15695 W	TAED	SW8260	6/1/2018	NA	T	Initial	SW5030
460-15695 W	TAED	SW8260	6/1/2018	NA	T	Initial	SW5030
460-15836 W	TAED	SW8260	6/21/2018	NA	T	Initial	SW5030
460-15836 W	TAED	SW8260	6/21/2018	NA	T	Initial	SW5030
460-16091 W	TAED	SW8260	7/25/2018	NA	T	Initial	SW5030
460-16091 W	TAED	SW8260	7/25/2018	NA	T	Initial	SW5030
460-16277 W	TAED	SW8260	8/21/2018	NA	T	Initial	SW5030
460-16277 W	TAED	SW8260	8/21/2018	NA	T	Initial	SW5030
460-16460 W	TAED	SW8260	9/16/2018	NA	T	Initial	SW5030
460-16460 W	TAED	SW8260	9/16/2018	NA	T	Initial	SW5030
460-16763 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-16763 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-17140 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-17140 W	TAED	SW8260	######	NA	T	Initial	SW5030
460-17367 W	TAED	SW8260	1/24/2019	NA	T	Initial	SW5030
460-17367 W	TAED	SW8260	1/25/2019	NA	T	Initial	SW5030

460-17537 W	TAED	SW8260	2/17/2019	NA	T	Initial	SW5030
460-17537 W	TAED	SW8260	2/16/2019	NA	T	Initial	SW5030
460-17849 WG	TAED	SW8260	4/3/2019	NA	T	Initial	SW5030
460-17849 WG	TAED	SW8260	4/3/2019	NA	T	Initial	SW5030

LEACHATE	LAB_SDG	PERCENT_	DILUTION_	TEST_ID	CAS_RN	CHEMICAL_NAME	ORGANIC_	REPORT_R
			1	2323525	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2323486	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2323499	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2323536	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2323508	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2323595	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2323581	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458330	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458325	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458335	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458348	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458368	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458374	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458392	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458398	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458419	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458497	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458517	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458521	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458540	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458544	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458568	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2458572	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2467840	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2467845	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2488279	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2488284	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2488306	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2488317	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2591947	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2591953	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2522980	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2522984	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2593425	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2593418	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2655808	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2655814	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2757712	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2757707	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2757718	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2819749	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2819756	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2907155	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	2907161	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	3001696	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	3001692	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	3054390	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
			1	3054394	71-55-6	1,1,1-Trichloroethane	Y	< 1.0

	1	3575826	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3575822	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3786855	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3786859	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3903215	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3903222	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3932354	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	3932348	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4084065	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4084061	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4132388	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4132384	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4165932	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4165936	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4224202	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4224208	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4338707	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4338703	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4374529	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4374535	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4448777	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4448783	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4479674	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4479680	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4570914	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4570921	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4688620	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4688626	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4805565	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4805571	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4805576	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4855744	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4855748	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4971177	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	4971182	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5100171	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5100275	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5278776	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5278785	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5337653	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5337657	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5396682	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5396686	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5553074	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	5553079	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	7918167	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
	1	7918173	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
4601736771	1	7980935	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
4601736771	1	7980943	71-55-6	1,1,1-Trichloroethane	Y	< 1.0

4601753771	1	7980966	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
4601753771	1	7980972	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
4601784921	1	8091477	71-55-6	1,1,1-Trichloroethane	Y	< 1.0
4601784921	1	8091474	71-55-6	1,1,1-Trichloroethane	Y	< 1.0

REPORT_R	REPORT_R	REPORT_R	REPORTAB	DETECT_F	INTERPRE	VALIDATO	LAB_QUAL	QUANTITA	METHOD_I
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28
1	ug/l	1.0	Yes	N	U		U	0.28	0.28

1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.28	0.28
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24

1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24
1 ug/l	1.0	Yes	N	U	U	0.24	0.24

REPORTIN	DETECTIO	APPROVAL	RESULT_TI	RESULT_N	RESULT_U	RESULT_T	Location	Date	Lookup
1.0	ug/l				ug/l	TRG	SP200	2/17/2016	SP2004241
1.0	ug/l				ug/l	TRG	SP620	2/17/2016	SP6204241
1.0	ug/l				ug/l	TRG	SP620	2/17/2016	SP6204241
1.0	ug/l				ug/l	TRG	SP200	2/17/2016	SP2004241
1.0	ug/l				ug/l	TRG	SP620	2/17/2016	SP6204241
1.0	ug/l				ug/L	TRG	SP200	2/17/2016	SP2004241
1.0	ug/l				ug/L	TRG	SP620	2/17/2016	SP6204241
1.0	ug/l	A			ug/l	TRG	SP620	3/23/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP620	3/23/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP620	3/23/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/23/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/25/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/25/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/26/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/26/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/27/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/27/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/28/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/28/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/29/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/29/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/30/2016	SP6204245
1.0	ug/l	A			ug/l	TRG	SP200	3/30/2016	SP2004245
1.0	ug/l	A			ug/l	TRG	SP620	3/31/2016	SP6204246
1.0	ug/l	A			ug/l	TRG	SP200	3/31/2016	SP2004246
1.0	ug/l	A			ug/l	TRG	SP620	4/7/2016	SP6204246
1.0	ug/l	A			ug/l	TRG	SP200	4/7/2016	SP2004246
1.0	ug/l	A			ug/l	TRG	SP620	4/12/2016	SP6204247
1.0	ug/l	A			ug/l	TRG	SP200	4/12/2016	SP2004247
1.0	ug/l	A			ug/l	TRG	SP620	4/19/2016	SP6204247
1.0	ug/l	A			ug/l	TRG	SP200	4/19/2016	SP2004247
1.0	ug/l	A			ug/l	TRG	SP620	4/26/2016	SP6204248
1.0	ug/l	A			ug/l	TRG	SP200	4/26/2016	SP2004248
1.0	ug/l	A			ug/l	TRG	SP200	5/19/2016	SP2004250
1.0	ug/l	A			ug/l	TRG	SP620	5/19/2016	SP6204250
1.0	ug/l	A			ug/l	TRG	SP620	6/21/2016	SP6204254
1.0	ug/l	A			ug/l	TRG	SP200	6/21/2016	SP2004254
1.0	ug/l	A			ug/l	TRG	SP620	7/14/2016	SP6204256
1.0	ug/l	A			ug/l	TRG	SP620	7/14/2016	SP6204256
1.0	ug/l	A			ug/l	TRG	SP200	7/14/2016	SP2004256
1.0	ug/l	A			ug/l	TRG	SP620	8/9/2016	SP6204259
1.0	ug/l	A			ug/l	TRG	SP200	8/9/2016	SP2004259
1.0	ug/l	A			ug/l	TRG	SP620	9/19/2016	SP6204263
1.0	ug/l	A			ug/l	TRG	SP200	9/19/2016	SP2004263
1.0	ug/l	A			ug/l	TRG	SP200	######	SP2004266
1.0	ug/l	A			ug/l	TRG	SP620	######	SP6204266
1.0	ug/l	A			ug/l	TRG	SP620	######	SP6204268
1.0	ug/l	A			ug/l	TRG	SP200	######	SP2004268

1.0	ug/l	A	ug/l	TRG	SP200	######	SP2004271
1.0	ug/l	A	ug/l	TRG	SP620	######	SP6204271
1.0	ug/l	A	ug/l	TRG	SP620	2/21/2017	SP6204278
1.0	ug/l	A	ug/l	TRG	SP200	2/21/2017	SP2004278
1.0	ug/l	A	ug/l	TRG	SP620	3/30/2017	SP6204282
1.0	ug/l	A	ug/l	TRG	SP200	3/30/2017	SP2004282
1.0	ug/l	A	ug/l	TRG	SP200	4/13/2017	SP2004283
1.0	ug/l	A	ug/l	TRG	SP620	4/13/2017	SP6204283
1.0	ug/l	A	ug/l	TRG	SP200	6/1/2017	SP2004288
1.0	ug/l	A	ug/l	TRG	SP620	6/1/2017	SP6204288
1.0	ug/l	A	ug/l	TRG	SP200	6/29/2017	SP2004291
1.0	ug/l	A	ug/l	TRG	SP620	6/29/2017	SP6204291
1.0	ug/l	A	ug/l	TRG	SP620	7/19/2017	SP6204293
1.0	ug/l	A	ug/l	TRG	SP200	7/19/2017	SP2004293
1.0	ug/l	A	ug/l	TRG	SP620	8/3/2017	SP6204295
1.0	ug/l	A	ug/l	TRG	SP200	8/3/2017	SP2004295
1.0	ug/l	A	ug/l	TRG	SP200	9/29/2017	SP2004300
1.0	ug/l	A	ug/l	TRG	SP620	9/29/2017	SP6204300
1.0	ug/l	A	ug/l	TRG	SP620	######	SP6204301
1.0	ug/l	A	ug/l	TRG	SP200	######	SP2004301
1.0	ug/l	A	ug/l	TRG	SP620	######	SP6204305
1.0	ug/l	A	ug/l	TRG	SP200	######	SP2004305
1.0	ug/l	A	ug/l	TRG	SP620	######	SP6204308
1.0	ug/l	A	ug/l	TRG	SP200	######	SP2004308
1.0	ug/l	A	ug/l	TRG	SP620	1/18/2018	SP6204311
1.0	ug/l	A	ug/l	TRG	SP200	1/18/2018	SP2004311
1.0	ug/l	A	ug/l	TRG	SP620	2/15/2018	SP6204314
1.0	ug/l	A	ug/l	TRG	SP200	2/15/2018	SP2004314
1.0	ug/l	A	ug/l	TRG	SP620	3/22/2018	SP6204318
1.0	ug/l	A	ug/l	TRG	SP620	3/22/2018	SP6204318
1.0	ug/l	A	ug/l	TRG	SP200	3/22/2018	SP2004318
1.0	ug/l	A	ug/l	TRG	SP620	4/19/2018	SP6204320
1.0	ug/l	A	ug/l	TRG	SP200	4/19/2018	SP2004320
1.0	ug/l	A	ug/l	TRG	SP620	5/24/2018	SP6204324
1.0	ug/l	A	ug/l	TRG	SP200	5/24/2018	SP2004324
1.0	ug/l	A	ug/l	TRG	SP620	6/14/2018	SP6204326
1.0	ug/l	A	ug/l	TRG	SP200	6/14/2018	SP2004326
1.0	ug/l	A	ug/l	TRG	SP620	7/19/2018	SP6204330
1.0	ug/l	A	ug/l	TRG	SP200	7/19/2018	SP2004330
1.0	ug/l	A	ug/l	TRG	SP620	8/16/2018	SP6204332
1.0	ug/l	A	ug/l	TRG	SP200	8/16/2018	SP2004332
1.0	ug/l	A	ug/l	TRG	SP620	9/13/2018	SP6204335
1.0	ug/l	A	ug/l	TRG	SP200	9/13/2018	SP2004335
1.0	ug/l	A	ug/l	TRG	SP620	######	SP6204339
1.0	ug/l	A	ug/l	TRG	SP200	######	SP2004339
1.0	ug/l	A	ug/l	TRG	SP620	######	SP6204344
1.0	ug/l	A	ug/l	TRG	SP200	######	SP2004344
1.0	ug/l		ug/l	TRG	SP620	1/17/2019	SP6204348
1.0	ug/l		ug/l	TRG	SP200	1/17/2019	SP2004348

1.0	ug/l		ug/l	TRG	SP620	2/14/2019	SP6204351
1.0	ug/l		ug/l	TRG	SP200	2/14/2019	SP2004351
1.0	ug/l		ug/l	TRG	SP200	3/29/2019	SP2004355
1.0	ug/l		ug/l	TRG	SP620	3/29/2019	SP6204355

Concentration
< 1.0
< 1.0
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Concentrations in GWETS Influent and Ef
tcong Valley Groundwater Contamination

	Influent	Effluent
	SP200	SP620
2/17/16	< 0.40	< 0.40
3/23/16	< 0.40	< 0.40
3/25/16	< 0.40	< 0.40
3/26/16	< 0.40	< 0.40
3/27/16	< 0.40	< 0.40
3/28/16	< 0.40	< 0.40
3/29/16	< 0.40	< 0.40
3/30/16	< 0.40	< 0.40
3/31/16	< 0.40	< 0.40
4/7/16	< 0.40	< 0.40
4/12/16	< 0.40	< 0.40
4/19/16	< 0.40	< 0.40
4/26/16	< 0.40	< 0.40
5/19/16	< 0.40	< 0.40
6/21/16	< 0.40	< 0.40
7/14/16	< 0.40	< 0.40
8/9/16	< 0.40	< 0.40
9/19/16	< 0.40	< 0.40
10/19/16	< 0.40	< 0.40
11/14/16	< 0.40	< 0.40
12/12/16	< 0.40	< 0.40
2/21/17	< 0.40	< 0.40
3/30/17	< 0.40	< 0.40
4/13/17	**0.47**	**0.37**
6/1/17	< 0.40	< 0.40
6/29/17	**0.29**	**0.29**
7/19/17	< 0.40	< 0.40
8/3/17	< 0.40	**0.28**
9/29/17	< 0.40	< 0.40
10/10/17	< 0.40	< 0.40
11/15/17	< 0.40	< 0.40
12/14/17	< 0.40	**2.4**
1/18/18	< 50	< 50
2/15/18	**0.33**	**0.26**
3/22/18	< 0.40	< 0.40
4/19/18	< 0.40	< 0.40
5/24/18	**0.21**	**0.22**
6/14/18	< 0.40	< 0.40
7/19/18	**0.23**	**0.24**
8/16/18	< 0.40	**0.28**
9/13/18	< 0.40	< 0.40
10/24/18	< 0.40	< 0.40
12/13/18	< 0.40	< 0.40
1/17/19	< 0.40	< 0.40
2/14/19	< 0.40	< 0.40
3/29/19	< 0.40	< 0.40
2/15/18	**0.33**	**0.26**

Notes:
Concentrations of 1,4-dioxane shown in ug/L
Detected concentrations shown in bold text

FACILITY_	FACILITY_	SYS_LOC_CODE	LOC_NAME	SAMPLE_II	SYS_SAMPLE_CODE
10137	Alcan	SP200	SP200	2323431	INF-SP200-160217-1
10137	Alcan	SP620	SP620	2323425	EFF-SP620-160217-1-D
10137	Alcan	SP620	SP620	2323422	EFF-SP620-160217-1
10137	Alcan	SP200	SP200	2323434	INF-SP200-160217-2
10137	Alcan	SP620	SP620	2323426	EFF-SP620-160217-2
10137	Alcan	SP200	SP200	2323463	INF-SP200-160217-3
10137	Alcan	SP620	SP620	2323460	EFF-SP620-160217-3
10137	Alcan	SP620	SP620	2458297	EFF-SP620-160323
10137	Alcan	SP620	SP620	2458298	EFF-SP620-160323-D
10137	Alcan	SP620	SP620	2458299	EFF-SP620-160323-M
10137	Alcan	SP200	SP200	2458304	INF-SP200-160323
10137	Alcan	SP620	SP620	2458319	EFF-SP620-160325
10137	Alcan	SP200	SP200	2458321	INF-SP200-160325
10137	Alcan	SP620	SP620	2458435	EFF-SP62B-160326
10137	Alcan	SP200	SP200	2458437	INF-SP200-160326
10137	Alcan	SP620	SP620	2458466	EFF-SP620-160327
10137	Alcan	SP200	SP200	2458470	INF-SP200-160327
10137	Alcan	SP620	SP620	2458485	EFF-SP620-160328
10137	Alcan	SP200	SP200	2458596	INF-SP200-160328
10137	Alcan	SP620	SP620	2458609	EFF-SP620-160329
10137	Alcan	SP200	SP200	2458610	INF-SP200-160329
10137	Alcan	SP620	SP620	2458628	EFF-SP620-160330
10137	Alcan	SP200	SP200	2458629	INF-SP200-160330
10137	Alcan	SP620	SP620	2467801	EFF-SP620-160331
10137	Alcan	SP200	SP200	2467802	INF-SP200-160331
10137	Alcan	SP620	SP620	2488250	EFF-SP620-160407
10137	Alcan	SP200	SP200	2488251	INF-SP200-160407
10137	Alcan	SP620	SP620	2488266	EFF-SP620-160412
10137	Alcan	SP200	SP200	2488270	INF-SP200-160412
10137	Alcan	SP620	SP620	2591919	EFF-SP620-160419
10137	Alcan	SP200	SP200	2591922	INF-SP200-160419
10137	Alcan	SP620	SP620	2522952	EFF-SP620-160426
10137	Alcan	SP200	SP200	2522953	INF-SP200-160426
10137	Alcan	SP200	SP200	2593270	INF-SP200-160519
10137	Alcan	SP620	SP620	2593267	EFF-SP620-160519
10137	Alcan	SP620	SP620	2655779	EFF-SP620-160621
10137	Alcan	SP200	SP200	2655780	INF-SP200-160621
10137	Alcan	SP620	SP620	2757679	EFF-SP620-160714
10137	Alcan	SP620	SP620	2757680	EFF-SP620-160714-D
10137	Alcan	SP200	SP200	2757682	INF-SP200-160714
10137	Alcan	SP620	SP620	2819720	EFF-SP620-160809
10137	Alcan	SP200	SP200	2819723	INF-SP200-160809
10137	Alcan	SP620	SP620	2907119	EFF-SP620 160919
10137	Alcan	SP200	SP200	2907122	INF-SP200-160919
10137	Alcan	SP200	SP200	3001665	INF SP200-161019
10137	Alcan	SP620	SP620	3001664	ENF SP620-161019
10137	Alcan	SP620	SP620	3054362	EFF-SP620 161114
10137	Alcan	SP200	SP200	3054363	INF-SP200 161114

10137	Alcan	SP200	SP200	3575795	INF-SP200-161212
10137	Alcan	SP620	SP620	3575794	EFF-SP620-161212
10137	Alcan	SP620	SP620	3786827	EFF-SP620-170221
10137	Alcan	SP200	SP200	3786828	INF-SP200-170221
10137	Alcan	SP620	SP620	3903185	ENF SP620-170330
10137	Alcan	SP200	SP200	3903187	INF SP200-170330
10137	Alcan	SP200	SP200	3932323	INF-SP200-170413
10137	Alcan	SP620	SP620	3932320	EFF-SP620-170413
10137	Alcan	SP200	SP200	4084031	INF-SP200-170601
10137	Alcan	SP620	SP620	4084030	EFF-SP620-170601
10137	Alcan	SP200	SP200	4132355	INF-SP200-170629
10137	Alcan	SP620	SP620	4132354	EFF-SP620-170629
10137	Alcan	SP620	SP620	4165904	EFF-SP620-170719
10137	Alcan	SP200	SP200	4165905	INF-SP200-170719
10137	Alcan	SP620	SP620	4224174	EFF-SP620-170803
10137	Alcan	SP200	SP200	4224177	INF-SP200-170803
10137	Alcan	SP200	SP200	4338673	INF-SP200-170929
10137	Alcan	SP620	SP620	4338672	EFF-SP620-170929
10137	Alcan	SP620	SP620	4374501	EFF-SP620-171010
10137	Alcan	SP620	SP620	4374501	EFF-SP620-171010
10137	Alcan	SP200	SP200	4374504	INF-SP200-171010
10137	Alcan	SP620	SP620	4448709	EFF-SP620-171115
10137	Alcan	SP200	SP200	4448712	INF-SP200-171115
10137	Alcan	SP620	SP620	4479641	EFF-SP620-171214
10137	Alcan	SP200	SP200	4479644	INF-SP200-171214
10137	Alcan	SP620	SP620	4570883	EFF-SP620-180118
10137	Alcan	SP620	SP620	4570883	EFF-SP620-180118
10137	Alcan	SP200	SP200	4570886	INF-SP200-180118
10137	Alcan	SP200	SP200	4570886	INF-SP200-180118
10137	Alcan	SP620	SP620	4688650	EFF-SP620-180215
10137	Alcan	SP200	SP200	4688653	INF-SP200-180215
10137	Alcan	SP620	SP620	4805536	DUP-SP620-180322
10137	Alcan	SP620	SP620	4805537	EFF-SP620-180322
10137	Alcan	SP200	SP200	4805538	INF-SP200-180322
10137	Alcan	SP620	SP620	4855716	EFF-SP620-180419
10137	Alcan	SP200	SP200	4855717	INF-SP200-180419
10137	Alcan	SP620	SP620	4971148	EFF-SP620-180524
10137	Alcan	SP200	SP200	4971149	INF-SP200-180524
10137	Alcan	SP620	SP620	5100229	EFF-SP620-180614
10137	Alcan	SP200	SP200	5100231	INF-SP200-180614
10137	Alcan	SP620	SP620	5278747	EFF-SP620-180719
10137	Alcan	SP200	SP200	5278750	INF-SP200-180719
10137	Alcan	SP620	SP620	5337624	EFF-SP620-180816
10137	Alcan	SP200	SP200	5337625	INF-SP200-180816
10137	Alcan	SP620	SP620	5396654	EFF-SP620-180913
10137	Alcan	SP200	SP200	5396655	INF-SP200-180913
10137	Alcan	SP620	SP620	5552023	EFF-SP620-181024
10137	Alcan	SP200	SP200	5552026	INF-SP200-181024
10137	Alcan	SP620	SP620	7918140	EFF-SP620-181213

10137	Alcan	SP200	SP200	7918143	INF-SP200-181213
10137	Alcan	SP620	SP620	7980905	EFF-SP620-190117
10137	Alcan	SP200	SP200	7980909	INF-SP200-190117
10137	Alcan	SP620	SP620	7980927	EFF-SP620-190214
10137	Alcan	SP200	SP200	7981059	INF-SP200-190214
10137	Alcan	SP200	SP200	8091448	INF-SP200-190329
10137	Alcan	SP620	SP620	8091447	EFF-SP620-190329

SAMPLE_NAME	SAMPLE_DATE	SAMPLEDATE	SAMPLETII	SAMPLE_T	START_DE
INF-SP200-160217-1	2/17/2016	17 Feb 2016	13:30	N	
EFF-SP620-160217-1-D	2/17/2016	17 Feb 2016	13:30	FD	
EFF-SP620-160217-1	2/17/2016	17 Feb 2016	13:30	N	
INF-SP200-160217-2	2/17/2016	17 Feb 2016	15:00	N	
EFF-SP620-160217-2	2/17/2016	17 Feb 2016	15:00	N	
INF-SP200-160217-3	2/17/2016	17 Feb 2016	17:00	N	
EFF-SP620-160217-3	2/17/2016	17 Feb 2016	17:00	N	
EFF-SP620-160323	3/23/2016	23 Mar 2016	15:05	N	
EFF-SP620-160323-D	3/23/2016	23 Mar 2016	15:05	FD	
EFF-SP620-160323-M	3/23/2016	23 Mar 2016	15:05	N	
INF-SP200-160323	3/23/2016	23 Mar 2016	15:25	N	
EFF-SP620-160325	3/25/2016	25 Mar 2016	12:55	N	
INF-SP200-160325	3/25/2016	25 Mar 2016	13:00	N	
EFF-SP620-160326	3/26/2016	26 Mar 2016	09:00	N	
INF-SP200-160326	3/26/2016	26 Mar 2016	09:05	N	
EFF-SP620-160327	3/27/2016	27 Mar 2016	11:45	N	
INF-SP200-160327	3/27/2016	27 Mar 2016	12:00	N	
EFF-SP620-160328	3/28/2016	28 Mar 2016	09:45	N	
INF-SP200-160328	3/28/2016	28 Mar 2016	10:00	N	
EFF-SP620-160329	3/29/2016	29 Mar 2016	06:10	N	
INF-SP200-160329	3/29/2016	29 Mar 2016	06:20	N	
EFF-SP620-160330	3/30/2016	30 Mar 2016	11:45	N	
INF-SP200-160330	3/30/2016	30 Mar 2016	12:00	N	
EFF-SP620-160331	3/31/2016	31 Mar 2016	09:30	N	
INF-SP200-160331	3/31/2016	31 Mar 2016	09:45	N	
EFF-SP620-160407	4/7/2016	07 Apr 2016	08:15	N	
INF-SP200-160407	4/7/2016	07 Apr 2016	08:30	N	
EFF-SP620-160412	4/12/2016	12 Apr 2016	08:45	N	
INF-SP200-160412	4/12/2016	12 Apr 2016	09:00	N	
EFF-SP620-160419	4/19/2016	19 Apr 2016	08:05	N	
INF-SP200-160419	4/19/2016	19 Apr 2016	08:20	N	
EFF-SP620-160426	4/26/2016	26 Apr 2016	08:30	N	
INF-SP200-160426	4/26/2016	26 Apr 2016	08:45	N	
INF-SP200-160519	5/19/2016	19 May 2016	12:00	N	
EFF-SP620-160519	5/19/2016	19 May 2016	12:28	N	
EFF-SP620-160621	6/21/2016	21 Jun 2016	12:30	N	
INF-SP200-160621	6/21/2016	21 Jun 2016	12:45	N	
EFF-SP620-160714	7/14/2016	14 Jul 2016	08:30	N	
EFF-SP620-160714-D	7/14/2016	14 Jul 2016	08:30	FD	
INF-SP200-160714	7/14/2016	14 Jul 2016	08:45	N	
EFF-SP620-160809	8/9/2016	09 Aug 2016	09:00	N	
INF-SP200-160809	8/9/2016	09 Aug 2016	09:30	N	
EFF-SP620-160919	9/19/2016	19 Sep 2016	00:00	N	
INF-SP200-160919	9/19/2016	19 Sep 2016	08:45	N	
INF-SP200-161019	10/19/2016	19 Oct 2016	10:30	N	
EFF-SP620-161019	10/19/2016	19 Oct 2016	10:45	N	
EFF-SP620 161114	11/14/2016	14 Nov 2016	09:00	N	
INF-SP200 161114	11/14/2016	14 Nov 2016	09:30	N	

INF-SP200-161212	12/12/2016	12 Dec 2016	10:15	N
EFF-SP620-161212	12/12/2016	12 Dec 2016	10:20	N
EFF-SP620-170221	2/21/2017	21 Feb 2017	08:45	N
INF-SP200-170221	2/21/2017	21 Feb 2017	09:00	N
EFF-SP620-170330	3/30/2017	30 Mar 2017	10:45	N
INF-SP200-170330	3/30/2017	30 Mar 2017	10:53	N
INF-SP200-170413	4/13/2017	13 Apr 2017	09:02	N
EFF-SP620-170413	4/13/2017	13 Apr 2017	09:10	N
INF-SP200-170601	6/1/2017	01 Jun 2017	09:00	N
EFF-SP620-170601	6/1/2017	01 Jun 2017	09:30	N
INF-SP200-170629	6/29/2017	29 Jun 2017	10:25	N
EFF-SP620-170629	6/29/2017	29 Jun 2017	10:35	N
EFF-SP620-170719	7/19/2017	19 Jul 2017	08:58	N
INF-SP200-170719	7/19/2017	19 Jul 2017	09:04	N
EFF-SP620-170803	8/3/2017	03 Aug 2017	10:19	N
INF-SP200-170803	8/3/2017	03 Aug 2017	10:24	N
INF-SP200-170929	9/29/2017	29 Sep 2017	10:22	N
EFF-SP620-170929	9/29/2017	29 Sep 2017	10:45	N
EFF-SP620-171010	10/10/2017	10 Oct 2017	09:00	N
EFF-SP620-171010	10/10/2017	10 Oct 2017	09:00	N
INF-SP200-171010	10/10/2017	10 Oct 2017	09:30	N
EFF-SP620-171115	11/15/2017	15 Nov 2017	09:00	N
INF-SP200-171115	11/15/2017	15 Nov 2017	09:10	N
EFF-SP620-171214	12/14/2017	14 Dec 2017	09:00	N
INF-SP200-171214	12/14/2017	14 Dec 2017	09:10	N
EFF-SP620-180118	1/18/2018	18 Jan 2018	09:00	N
EFF-SP620-180118	1/18/2018	18 Jan 2018	09:00	N
INF-SP200-180118	1/18/2018	18 Jan 2018	09:10	N
INF-SP200-180118	1/18/2018	18 Jan 2018	09:10	N
EFF-SP620-180215	2/15/2018	15 Feb 2018	09:00	N
INF-SP200-180215	2/15/2018	15 Feb 2018	09:10	N
DUP-SP620-180322	3/22/2018	22 Mar 2018	00:00	FD
EFF-SP620-180322	3/22/2018	22 Mar 2018	09:00	N
INF-SP200-180322	3/22/2018	22 Mar 2018	09:10	N
EFF-SP620-180419	4/19/2018	19 Apr 2018	09:00	N
INF-SP200-180419	4/19/2018	19 Apr 2018	09:10	N
EFF-SP620-180524	5/24/2018	24 May 2018	09:00	N
INF-SP200-180524	5/24/2018	24 May 2018	09:10	N
EFF-SP620-180614	6/14/2018	14 Jun 2018	09:00	N
INF-SP200-180614	6/14/2018	14 Jun 2018	09:10	N
EFF-SP620-180719	7/19/2018	19 Jul 2018	09:00	N
INF-SP200-180719	7/19/2018	19 Jul 2018	09:10	N
EFF-SP620-180816	8/16/2018	16 Aug 2018	09:00	N
INF-SP200-180816	8/16/2018	16 Aug 2018	09:10	N
EFF-SP620-180913	9/13/2018	13 Sep 2018	09:00	N
INF-SP200-180913	9/13/2018	13 Sep 2018	09:10	N
EFF-SP620-181024	10/24/2018	24 Oct 2018	09:00	N
INF-SP200-181024	10/24/2018	24 Oct 2018	09:10	N
EFF-SP620-181213	12/13/2018	13 Dec 2018	09:00	N

INF-SP200-181213	12/13/2018	13 Dec 2018	09:10	N
EFF-SP620-190117	1/17/2019	17 Jan 2019	10:00	N
INF-SP200-190117	1/17/2019	17 Jan 2019	10:10	N
EFF-SP620-190214	2/14/2019	14 Feb 2019	09:00	N
INF-SP200-190214	2/14/2019	14 Feb 2019	09:10	N
INF-SP200-190329	3/29/2019	29 Mar 2019	14:10	N
EFF-SP620-190329	3/29/2019	29 Mar 2019	14:10	N

END_DEPT	DEPTH_UN	MATRIX_C	TASK_COD	TASK_COD	PARENT_S	FIELD_SDG	ANALYSIS_	LAB_SAMP	LAB_MATR
		WTS	GWETS_baseline			460109031	LB	460-10903	WG
		WTS	GWETS_Baseline		EFF-SP620	460109031	LB	460-10903	WG
		WTS	GWETS_Baseline			460109031	LB	460-10903	WG
		WTS	GWETS_baseline			460109031	LB	460-10903	WG
		WTS	GWETS_Baseline			460109031	LB	460-10903	WG
		WTS	GWETS_baseline			460109035	LB	460-10903	WG
		WTS	GWETS_Baseline			460109035	LB	460-10903	WG
		WTS	GWETS			460110952	LB	460-11095	WG
		WTS	GWETS		EFF-SP620	460110952	LB	460-11095	WG
		WTS	GWETS			460110952	LB	460-11095	WG
		WTS	GWETS			460110952	LB	460-11095	WG
		WTS	GWETS			460111063	LB	460-11106	WG
		WTS	GWETS			460111063	LB	460-11106	WG
		WTS	GWETS			460111090	LB	460-11109	WG
		WTS	GWETS			460111090	LB	460-11109	WG
		WTS	GWETS			460111146	LB	460-11114	WG
		WTS	GWETS			460111146	LB	460-11114	WG
		WTS	GWETS			460111150	LB	460-11115	WG
		WTS	GWETS			460111150	LB	460-11115	WG
		WTS	GWETS			460111191	LB	460-11119	WG
		WTS	GWETS			460111191	LB	460-11119	WG
		WTS	GWETS			460111246	LB	460-11124	WG
		WTS	GWETS			460111246	LB	460-11124	WG
		WTS	GWETS			460111321	LB	460-11132	WG
		WTS	GWETS			460111321	LB	460-11132	WG
		WTS	GWETS			460111670	LB	460-11167	WG
		WTS	GWETS			460111670	LB	460-11167	WG
		WTS	GWETS			460111998	LB	460-11199	WG
		WTS	GWETS			460111998	LB	460-11199	WG
		WTS	GWETS			460112416	LB	460-11241	WG
		WTS	GWETS			460112416	LB	460-11241	WG
		WTS	GWETS			460112776	LB	460-11277	WG
		WTS	GWETS			460112776	LB	460-11277	WG
		WTS	GWETS			460114026	LB	460-11402	WG
		WTS	GWETS			460114099	LB	460-11402	WG
		WTS	GWETS			460115769	LB	460-11576	WG
		WTS	GWETS			460115769	LB	460-11576	WG
		WTS	GWETS			460116979	LB	460-11697	WG
		WTS	GWETS		EFF-SP620	460116979	LB	460-11697	WG
		WTS	GWETS			460116979	LB	460-11697	WG
		WTS	GWETS			460118361	LB	460-11836	WG
		WTS	GWETS			460118361	LB	460-11836	WG
		WTS	GWETS			460120434	LB	460-12043	W
		WTS	GWETS			460120434	LB	460-12043	W
		WTS	GWETS			460122281	LB	460-12228	W
		WTS	GWETS			460122281	LB	460-12228	W
		WTS	GWETS			460123779	LB	460-12377	WGWS
		WTS	GWETS			460123779	LB	460-12377	WGWS

WTS	GWETS		460125223	LB	460-12522 W
WTS	GWETS		460125223	LB	460-12522 W
WTS	GWETS		460128753	LB	460-12875 W
WTS	GWETS		460128753	LB	460-12875 W
WTS	GWETS		460130741	LB	460-13074 W
WTS	GWETS		460130741	LB	460-13074 W
WTS	GWETS		460131532	LB	460-13153 W
WTS	GWETS		460131532	LB	460-13153 W
WTS	GWETS		460134430	LB	460-13443 W
WTS	GWETS		460134430	LB	460-13443 W
WTS	GWETS		460136308	LB	460-13630 WG
WTS	GWETS		460136308	LB	460-13630 WG
WTS	GWETS		460137643	LB	460-13764 W
WTS	GWETS		460137643	LB	460-13764 W
WTS	GWETS		460138493	LB	460-13849 W
WTS	GWETS		460138493	LB	460-13849 W
WTS	GWETS		460142012	LB	460-14201 W
WTS	GWETS		460142012	LB	460-14201 W
WTS	GWETS		460142675	LB	460-14267 W
WTS	GWETS		460142675	LB	460-14267 W
WTS	GWETS		460142675	LB	460-14267 W
WTS	GWETS		460145185	LB	460-14518 W
WTS	GWETS		460145185	LB	460-14518 W
WTS	GWETS		460147083	LB	460-14708 W
WTS	GWETS		460147083	LB	460-14708 W
WTS	GWETS		460148750	LB	460-14875 W
WTS	GWETS		460148750	LB	460-14875 W
WTS	GWETS		460148750	LB	460-14875 W
WTS	GWETS		460148750	LB	460-14875 W
WTS	GWETS		460150389	LB	460-15038 W
WTS	GWETS		460150389	LB	460-15038 W
WTS	GWETS	EFF-SP620	460152482	LB	460-15248 W
WTS	GWETS		460152482	LB	460-15248 W
WTS	GWETS		460152482	LB	460-15248 W
WTS	GWETS		460154401	LB	460-15440 W
WTS	GWETS		460154401	LB	460-15440 W
WTS	GWETS		460156955	LB	460-15695 W
WTS	GWETS		460156955	LB	460-15695 W
WTS	GWETS		460158368	LB	460-15836 W
WTS	GWETS		460158368	LB	460-15836 W
WTS	GWETS		460160911	LB	460-16091 W
WTS	GWETS		460160911	LB	460-16091 W
WTS	GWETS		460162776	LB	460-16277 W
WTS	GWETS		460162776	LB	460-16277 W
WTS	GWETS		460164605	LB	460-16460 W
WTS	GWETS		460164605	LB	460-16460 W
WTS	GWETS		460167635	LB	460-16763 W
WTS	GWETS		460167635	LB	460-16763 W
WTS	GWETS		460171407	LB	460-17140 W

WTS	GWETS	460171407	LB	460-17140 W
WTS	GWETS	460173677	LB	460-17367 W
WTS	GWETS	460173677	LB	460-17367 W
WTS	GWETS	460175377	LB	460-17537 W
WTS	GWETS	460175377	LB	460-17537 W
WTS	GWETS	460178492	LB	460-17849 WG
WTS	GWETS	460178492	LB	460-17849 WG

LAB_NAME	ANALYTIC_	ANALYSIS_	COLUMN_N	FRACTION	TEST_TYPE	PREP_MET	LEACHATE	LEACHATE	LAB_SDG
TAED	SW8260CS	2/18/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	2/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	2/29/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	2/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	2/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	2/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	2/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/24/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/25/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/25/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/24/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/26/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/26/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/27/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/27/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/29/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/29/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/29/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/29/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/30/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/30/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/31/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	3/31/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/1/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/1/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/8/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/8/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/13/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/13/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/20/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/20/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/27/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	4/27/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	5/20/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	5/20/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	6/22/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	6/22/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	7/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	7/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	7/19/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	8/11/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	8/11/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	9/20/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	9/20/2016	NA	T	Initial	SW5030			
TAED	SW8260CS	######	NA	T	Initial	SW5030			
TAED	SW8260CS	######	NA	T	Initial	SW5030			
TAED	SW8260CS	######	NA	T	Initial	SW5030			
TAED	SW8260CS	######	NA	T	Initial	SW5030			

TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	2/27/2017	NA	T	Initial	SW5030
TAED	SW8260CS	2/25/2017	NA	T	Initial	SW5030
TAED	SW8260CS	4/5/2017	NA	T	Initial	SW5030
TAED	SW8260CS	4/5/2017	NA	T	Initial	SW5030
TAED	SW8260CS	4/15/2017	NA	T	Initial	SW5030
TAED	SW8260CS	4/15/2017	NA	T	Initial	SW5030
TAED	SW8260CS	6/2/2017	NA	T	Initial	SW5030
TAED	SW8260CS	6/2/2017	NA	T	Initial	SW5030
TAED	SW8260CS	6/30/2017	NA	T	Initial	SW5030
TAED	SW8260CS	6/30/2017	NA	T	Initial	SW5030
TAED	SW8260CS	7/25/2017	NA	T	Initial	SW5030
TAED	SW8260CS	7/26/2017	NA	T	Initial	SW5030
TAED	SW8260CS	8/6/2017	NA	T	Initial	SW5030
TAED	SW8260CS	8/6/2017	NA	T	Initial	SW5030
TAED	SW8260CS	10/2/2017	NA	T	Initial	SW5030
TAED	SW8260CS	10/2/2017	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260	1/23/2018	NA	T	Initial	SW5030
TAED	SW8260CS	1/22/2018	NA	T	Initial	SW5030
TAED	SW8260	1/23/2018	NA	T	Initial	SW5030
TAED	SW8260CS	1/22/2018	NA	T	Initial	SW5030
TAED	SW8260CS	2/22/2018	NA	T	Initial	SW5030
TAED	SW8260CS	2/22/2018	NA	T	Initial	SW5030
TAED	SW8260CS	3/24/2018	NA	T	Initial	SW5030
TAED	SW8260CS	3/24/2018	NA	T	Initial	SW5030
TAED	SW8260CS	3/24/2018	NA	T	Initial	SW5030
TAED	SW8260CS	4/22/2018	NA	T	Initial	SW5030
TAED	SW8260CS	4/22/2018	NA	T	Initial	SW5030
TAED	SW8260CS	5/27/2018	NA	T	Initial	SW5030
TAED	SW8260CS	5/26/2018	NA	T	Initial	SW5030
TAED	SW8260CS	6/20/2018	NA	T	Initial	SW5030
TAED	SW8260CS	6/20/2018	NA	T	Initial	SW5030
TAED	SW8260CS	7/21/2018	NA	T	Initial	SW5030
TAED	SW8260CS	7/21/2018	NA	T	Initial	SW5030
TAED	SW8260CS	8/18/2018	NA	T	Initial	SW5030
TAED	SW8260CS	8/18/2018	NA	T	Initial	SW5030
TAED	SW8260CS	9/17/2018	NA	T	Initial	SW5030
TAED	SW8260CS	9/17/2018	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030
TAED	SW8260CS	######	NA	T	Initial	SW5030

TAED	SW8260CS	######	NA	T	Initial	SW5030	
TAED	SW8260CS	1/22/2019	NA	T	Initial	SW5030	460173677
TAED	SW8260CS	1/22/2019	NA	T	Initial	SW5030	460173677
TAED	SW8260CS	2/20/2019	NA	T	Initial	SW5030	460175377
TAED	SW8260CS	2/20/2019	NA	T	Initial	SW5030	460175377
TAED	SW8260CS	4/2/2019	NA	T	Initial	SW5030	460178492
TAED	SW8260CS	4/2/2019	NA	T	Initial	SW5030	460178492

PERCENT_	DILUTION_	TEST_ID	CAS_RN	CHEMICAL	ORGANIC_	REPORT_R	REPORT_R	REPORT_R	REPORT_R
	1	2323526	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2323500	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2457934	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2323537	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2323509	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2323596	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2323582	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458326	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458331	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458336	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458349	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458369	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458375	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458393	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458399	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458420	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458498	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458518	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458522	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458541	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458545	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458569	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2458573	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2467841	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2467846	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2488280	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2488285	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2488307	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2488318	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2591948	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2591954	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2522981	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2522985	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2593426	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2593419	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2655809	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2655815	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2757708	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2757713	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2757719	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2819750	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2819757	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2907156	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	2907162	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	3001697	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	3001693	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	3054391	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40
	1	3054395	123-91-1	1,4-Dioxan	Y	< 0.40	0.4	ug/l	0.40

1	3575827	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	3575823	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	3786856	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	3786860	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	3903216	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	3903223	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	3932355	123-91-1	1,4-Dioxan	Y	0.47	0.47 ug/l	0.40
1	3932349	123-91-1	1,4-Dioxan	Y	0.37	0.37 ug/l	0.40
1	4084066	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4084062	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4132389	123-91-1	1,4-Dioxan	Y	0.29	0.29 ug/l	0.40
1	4132385	123-91-1	1,4-Dioxan	Y	0.29	0.29 ug/l	0.40
1	4165933	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4165937	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4224203	123-91-1	1,4-Dioxan	Y	0.28	0.28 ug/l	0.40
1	4224209	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4338708	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4338704	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4374530	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4374529	123-91-1	1,4-Dioxan	Y	< 50	50 ug/l	50
1	4374536	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4448778	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4448784	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4479675	123-91-1	1,4-Dioxan	Y	2.4	2.4 ug/l	0.40
1	4479681	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4570914	123-91-1	1,4-Dioxan	Y	< 50	50 ug/l	50
1	4570915	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4570921	123-91-1	1,4-Dioxan	Y	< 50	50 ug/l	50
1	4570922	123-91-1	1,4-Dioxan	Y	0.37	0.37 ug/l	0.40
1	4688621	123-91-1	1,4-Dioxan	Y	0.26	0.26 ug/l	0.40
1	4688627	123-91-1	1,4-Dioxan	Y	0.33	0.33 ug/l	0.40
1	4805566	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4805572	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4805577	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4855745	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4855749	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	4971178	123-91-1	1,4-Dioxan	Y	0.22	0.22 ug/l	0.40
1	4971183	123-91-1	1,4-Dioxan	Y	0.21	0.21 ug/l	0.40
1	5100172	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	5100276	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	5278777	123-91-1	1,4-Dioxan	Y	0.24	0.24 ug/l	0.40
1	5278786	123-91-1	1,4-Dioxan	Y	0.23	0.23 ug/l	0.40
1	5337654	123-91-1	1,4-Dioxan	Y	0.28	0.28 ug/l	0.40
1	5337658	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	5396683	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	5396687	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	5553075	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	5553080	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	7918168	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40

	1	7918174	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	1	7980936	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	1	7980944	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	1	7980967	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	1	7980973	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	1	8091478	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40
1	1	8091475	123-91-1	1,4-Dioxan	Y	< 0.40	0.4 ug/l	0.40

REPORTAB	DETECT_FI	INTERPRE	VALIDATO	LAB_QUAL	QUANTITA	METHOD_I	REPORTIN	DETECTIO	APPROVAL
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l		
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	
Yes	N	U	U	0.11	0.11	0.40	ug/l	A	

Yes	N	U		U	0.11	0.11	0.40	ug/l	A
Yes	N	U		U	0.11	0.11	0.40	ug/l	A
Yes	N	U		U	0.11	0.11	0.40	ug/l	A
Yes	N	U		U	0.11	0.11	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	Y				0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	8.7	8.7	50	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U	U	J	0.20	0.20	0.40	ug/l	Q
Yes	Y				0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	8.7	8.7	50	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	8.7	8.7	50	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	Y	J		J	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A
Yes	N	U		U	0.20	0.20	0.40	ug/l	A

Yes	N	U	U	0.20	0.20	0.40	ug/l	A
Yes	N	U	U	0.20	0.20	0.40	ug/l	
Yes	N	U	U	0.20	0.20	0.40	ug/l	
Yes	N	U	U	0.20	0.20	0.40	ug/l	
Yes	N	U	U	0.20	0.20	0.40	ug/l	
Yes	N	U	U	0.20	0.20	0.40	ug/l	
Yes	N	U	U	0.20	0.20	0.40	ug/l	

RESULT_TI	RESULT_N	RESULT_U	RESULT_T	Location	Date	Lookup	Concentration
		ug/l	TRG	SP200	2/17/2016	SP20042417	< 0.40
		ug/l	TRG	SP620	2/17/2016	SP62042417	< 0.40
		ug/l	TRG	SP620	2/17/2016	SP62042417	< 0.40
		ug/l	TRG	SP200	2/17/2016	SP20042417	< 0.40
		ug/l	TRG	SP620	2/17/2016	SP62042417	< 0.40
		ug/L	TRG	SP200	2/17/2016	SP20042417	< 0.40
		ug/L	TRG	SP620	2/17/2016	SP62042417	< 0.40
		ug/l	TRG	SP620	3/23/2016	SP62042452	< 0.40
		ug/l	TRG	SP620	3/23/2016	SP62042452	< 0.40
		ug/l	TRG	SP620	3/23/2016	SP62042452	< 0.40
		ug/l	TRG	SP200	3/23/2016	SP20042452	< 0.40
		ug/l	TRG	SP620	3/25/2016	SP62042454	< 0.40
		ug/l	TRG	SP200	3/25/2016	SP20042454	< 0.40
		ug/l	TRG	SP620	3/26/2016	SP62042455	< 0.40
		ug/l	TRG	SP200	3/26/2016	SP20042455	< 0.40
		ug/l	TRG	SP620	3/27/2016	SP62042456	< 0.40
		ug/l	TRG	SP200	3/27/2016	SP20042456	< 0.40
		ug/l	TRG	SP620	3/28/2016	SP62042457	< 0.40
		ug/l	TRG	SP200	3/28/2016	SP20042457	< 0.40
		ug/l	TRG	SP620	3/29/2016	SP62042458	< 0.40
		ug/l	TRG	SP200	3/29/2016	SP20042458	< 0.40
		ug/l	TRG	SP620	3/30/2016	SP62042459	< 0.40
		ug/l	TRG	SP200	3/30/2016	SP20042459	< 0.40
		ug/l	TRG	SP620	3/31/2016	SP62042460	< 0.40
		ug/l	TRG	SP200	3/31/2016	SP20042460	< 0.40
		ug/l	TRG	SP620	4/7/2016	SP62042467	< 0.40
		ug/l	TRG	SP200	4/7/2016	SP20042467	< 0.40
		ug/l	TRG	SP620	4/12/2016	SP62042472	< 0.40
		ug/l	TRG	SP200	4/12/2016	SP20042472	< 0.40
		ug/l	TRG	SP620	4/19/2016	SP62042479	< 0.40
		ug/l	TRG	SP200	4/19/2016	SP20042479	< 0.40
		ug/l	TRG	SP620	4/26/2016	SP62042486	< 0.40
		ug/l	TRG	SP200	4/26/2016	SP20042486	< 0.40
		ug/l	TRG	SP200	5/19/2016	SP20042509	< 0.40
		ug/l	TRG	SP620	5/19/2016	SP62042509	< 0.40
		ug/l	TRG	SP620	6/21/2016	SP62042542	< 0.40
		ug/l	TRG	SP200	6/21/2016	SP20042542	< 0.40
		ug/l	TRG	SP620	7/14/2016	SP62042565	< 0.40
		ug/l	TRG	SP620	7/14/2016	SP62042565	< 0.40
		ug/l	TRG	SP200	7/14/2016	SP20042565	< 0.40
		ug/l	TRG	SP620	8/9/2016	SP62042591	< 0.40
		ug/l	TRG	SP200	8/9/2016	SP20042591	< 0.40
		ug/l	TRG	SP620	9/19/2016	SP62042632	< 0.40
		ug/l	TRG	SP200	9/19/2016	SP20042632	< 0.40
		ug/l	TRG	SP200	10/19/2016	SP20042662	< 0.40
		ug/l	TRG	SP620	10/19/2016	SP62042662	< 0.40
		ug/l	TRG	SP620	11/14/2016	SP62042688	< 0.40
		ug/l	TRG	SP200	11/14/2016	SP20042688	< 0.40

		ug/l	TRG	SP200	12/12/2016	SP20042716	< 0.40
		ug/l	TRG	SP620	12/12/2016	SP62042716	< 0.40
		ug/l	TRG	SP620	2/21/2017	SP62042787	< 0.40
		ug/l	TRG	SP200	2/21/2017	SP20042787	< 0.40
		ug/l	TRG	SP620	3/30/2017	SP62042824	< 0.40
		ug/l	TRG	SP200	3/30/2017	SP20042824	< 0.40
0.47	0.47	ug/l	TRG	SP200	4/13/2017	SP20042838	0.47
0.37	0.37	ug/l	TRG	SP620	4/13/2017	SP62042838	0.37
		ug/l	TRG	SP200	6/1/2017	SP20042887	< 0.40
		ug/l	TRG	SP620	6/1/2017	SP62042887	< 0.40
0.29	0.29	ug/l	TRG	SP200	6/29/2017	SP20042915	0.29
0.29	0.29	ug/l	TRG	SP620	6/29/2017	SP62042915	0.29
		ug/l	TRG	SP620	7/19/2017	SP62042935	< 0.40
		ug/l	TRG	SP200	7/19/2017	SP20042935	< 0.40
0.28	0.28	ug/l	TRG	SP620	8/3/2017	SP62042950	0.28
		ug/l	TRG	SP200	8/3/2017	SP20042950	< 0.40
		ug/l	TRG	SP200	9/29/2017	SP20043007	< 0.40
		ug/l	TRG	SP620	9/29/2017	SP62043007	< 0.40
		ug/l	TRG	SP620	10/10/2017	SP62043018	< 0.40
		ug/l	TRG	SP620	10/10/2017	SP62043018	< 50
		ug/l	TRG	SP200	10/10/2017	SP20043018	< 0.40
		ug/l	TRG	SP620	11/15/2017	SP62043054	< 0.40
		ug/l	TRG	SP200	11/15/2017	SP20043054	< 0.40
2.4	2.4	ug/l	TRG	SP620	12/14/2017	SP62043083	2.4
		ug/l	TRG	SP200	12/14/2017	SP20043083	< 0.40
		ug/l	TRG	SP620	1/18/2018	SP62043118	< 50
		ug/l	TRG	SP620	1/18/2018	SP62043118	< 0.40
		ug/l	TRG	SP200	1/18/2018	SP20043118	< 50
0.37	0.37	ug/l	TRG	SP200	1/18/2018	SP20043118	0.37
0.26	0.26	ug/l	TRG	SP620	2/15/2018	SP62043146	0.26
0.33	0.33	ug/l	TRG	SP200	2/15/2018	SP20043146	0.33
		ug/l	TRG	SP620	3/22/2018	SP62043181	< 0.40
		ug/l	TRG	SP620	3/22/2018	SP62043181	< 0.40
		ug/l	TRG	SP200	3/22/2018	SP20043181	< 0.40
		ug/l	TRG	SP620	4/19/2018	SP62043209	< 0.40
		ug/l	TRG	SP200	4/19/2018	SP20043209	< 0.40
0.22	0.22	ug/l	TRG	SP620	5/24/2018	SP62043244	0.22
0.21	0.21	ug/l	TRG	SP200	5/24/2018	SP20043244	0.21
		ug/l	TRG	SP620	6/14/2018	SP62043265	< 0.40
		ug/l	TRG	SP200	6/14/2018	SP20043265	< 0.40
0.24	0.24	ug/l	TRG	SP620	7/19/2018	SP62043300	0.24
0.23	0.23	ug/l	TRG	SP200	7/19/2018	SP20043300	0.23
0.28	0.28	ug/l	TRG	SP620	8/16/2018	SP62043328	0.28
		ug/l	TRG	SP200	8/16/2018	SP20043328	< 0.40
		ug/l	TRG	SP620	9/13/2018	SP62043356	< 0.40
		ug/l	TRG	SP200	9/13/2018	SP20043356	< 0.40
		ug/l	TRG	SP620	10/24/2018	SP62043397	< 0.40
		ug/l	TRG	SP200	10/24/2018	SP20043397	< 0.40
		ug/l	TRG	SP620	12/13/2018	SP62043447	< 0.40

ug/l	TRG	SP200	12/13/2018	SP20043447	< 0.40
ug/l	TRG	SP620	1/17/2019	SP62043482	< 0.40
ug/l	TRG	SP200	1/17/2019	SP20043482	< 0.40
ug/l	TRG	SP620	2/14/2019	SP62043510	< 0.40
ug/l	TRG	SP200	2/14/2019	SP20043510	< 0.40
ug/l	TRG	SP200	3/29/2019	SP20043553	< 0.40
ug/l	TRG	SP620	3/29/2019	SP62043553	< 0.40