

CASE NARRATIVE

Monthly Data Pall Life Sciences
Project: 1,4-Dioxane Remediation
Date: May 2018

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Gelman Sciences, Inc. d/b/a Pall Life Sciences (PLS) attests to the validity of the laboratory data generated by PLS's Ann Arbor, Michigan Environmental Laboratory facilities reported herein. All analyses performed by PLS's Environmental Laboratory facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. PLS's Environmental group has reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

Due to autosampler and concentrator failure many samples were sent to Ann Arbor Technical Services (ATS). Service is in progress but has not identified and eliminated all problems. Any samples analyzed by ATS have an "O" as a qualifier on all reports. Most of these samples were also analyzed at PLS Environmental Laboratory, but due to QC, area count failures and problems with sample introduction, they were sent to ATS. Some of the samples are past the 14 day hold time and are marked in the report with an "H" as a qualifier. ATS has performed an extensive study of the hold time for our samples and has found the samples are stable through well past the 30 day mark for low and high concentrations.

ATS is a Michigan DEQ certified drinking water laboratory. The test results in this report meet all NELAP requirements for parameters for which accreditation are required or available. Any exceptions to NELAP requirements are noted in this report. All exceptions are noted per laboratory standard operating procedure based on EPA Method 1624c. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results. The odd even rule is used for rounding. Holding times were met for all samples analyzed. Proper preservation was observed on all samples unless otherwise detailed in the individual sections below.

RECEIPT/ STORAGE

The samples were received on the days noted in the report for the Month; the samples arrived in good condition, properly preserved and on ice when necessary. Samples that require 1,4-dioxane analysis are collected in hydrochloric HCl acid-preserved vials to a pH of ≤ 2 , with the exception of the Pall ozone treatment samples. These samples have chemicals that, when mixed with the HCl acid, cause interferences and trap damage. Every attempt is made to analyze these samples within 24 hours of receipt.

Samples that require Bromate analysis are collected and preserved in the laboratory with ethylene di-amine and refrigerated.

The barium sample was taken as a composite sample, preserved with nitric acid, and refrigerated before and after being sent to ATS for analysis.

Samples that are delivered to the laboratory the same day as they are collected are likely not to have reached a fully chilled temperature. This is acceptable as long as there is evidence that chilling has begun. All samples are iced or refrigerated at 4°C ($\pm 2^\circ\text{C}$) from the time of collection until sample preparation or analysis.

1,4-Dioxane (GC-MS)

All ground water and treated water samples were analyzed for 1,4-Dioxane (GC-MS) in accordance with EPA 1624C, which has been modified to enhance detection limits. Samples that were diluted to bring them within the calibrated range of the instrument are noted with a "D" under the Qualifier Code section of the data report. Reporting limits were adjusted based on each dilution.

Reporting limit for undiluted samples is 1ppb (part per billion, micrograms per liter, µg/L). All quality control parameters were within the acceptance limits.

Bromate (Ion Chromatography)

All surface water and treated samples were analyzed for Bromate (Ion Chromatography) in accordance with EPA 300.1. Surrogates are added to all samples. All quality control parameters were within the acceptance limits with the balance of sample analyzed.

The reporting limit for treated samples is 5.0ppb and for surface samples is 2.0ppb.

Qualifiers

1,4-Dioxane Qualifier Codes:

<u>Qualifier Code</u>	<u>Description</u>
nd:	The compound was analyzed for, but was not detected at or above the detection limit indicated.
D:	Analyte value quantified from a dilution, reporting limit is raised to reflect dilution.
E:	The compound result is greater than the upper quantitation limit in the associated calibration curve, reported as estimate.
B:	The sample vials contained air bubbles larger than 5mm, which may affect compound results.
J:	The compound was positively identified; the associated numerical value is the approximate concentration.
M:	Matrix effects, sample required dilution.
R:	The reported value is unusable and rejected due to variance from quality control criteria.
V:	The reported value is considered estimated due to variance from quality control criteria.
H:	Sample was analyzed past 14 day hold time, but within 30 days.
O:	Samples analyzed in outside laboratory.
S:	Samples split with DEQ.

Bromate Qualifier Codes:

<u>Qualifier Code</u>	<u>Description</u>
nd:	The compound was analyzed for, but was not detected at or above the detection limit indicated.
E:	The compound result is greater than the upper quantitation limit in the associated calibration curve.
J:	The compound was positively identified; the associated numerical value is the approximate concentration.
R:	The reported value is unusable and rejected due to variance from quality control criteria.
V:	The reported value is considered estimated due to variance from quality control criteria.
H:	Sample was analyzed past 28 day hold time

Analyst: Susan E.O. Peters Susan EOPeters Date: 06-07-18

Report Checked by: Laurel Beyer Laurel Beyer Date: 6/7/18

Sample Analysis Report

May, 2018

642 South Wagner Road
Ann Arbor, MI 48103-9019 US
734.436.4025 phone

Analyst Initials: SEOP
Date: 05-07-18

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
Residential Wells								
D0								
4601 Park 4 inch-05-01-18-08:56-1	2	1.0						O
4601 Park 6 inch-05-01-18-10:15-1	2	1.0						O
5005 Jackson Rd-05-08-18-12:50-1	16	1.0						
Miscellaneous Wells								
Not Determined								
Bethlehem Cemetery-05-17-18-11:30-1	nd	1.0						
Extraction Wells								
C3								
DOLPH-05-07-18-09:50-1	130	5.0						D
TW-10-05-10-18-11:10-1	280	10.0						D
TW-20-05-07-18-14:02-1	1000	10.0						D
TW-6-05-18-18-10:00-1	48	2.0						O, D, H
D2								
LB-4-05-07-18-09:26-1	490	10.0						D
TW-21-05-07-18-09:47-1	220	10.0						D
E								
TW-18-05-07-18-13:56-1	290	10.0						D
TW-19-05-07-18-11:55-1	520	10.0						D, O, H

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
TW-23-05-07-18-11:53-1	500	10.0						D
Marshy								
PW-1-05-07-18-13:53-1	540	100.0						D, O, H
SW								
TW-22-05-09-18-11:02-1	420	10.0						D
TW-8-05-09-18-11:00-1	780	10.0						D
Monitoring Wells								
C3								
MW-105s-05-08-18-14:20-1	570	10.0						D
MW-18d-05-03-18-10:30-1	98	2.0						O, D
MW-20-05-18-18-14:26-1	nd	1.0						
MW-28-05-23-18-08:58-1	nd	1.0						O
MW-2d-05-04-18-09:17-1	51	1.0						
MW-32-05-03-18-09:08-1	22	1.0						O
MW-34s-05-02-18-12:38-1	nd	1.0						O
MW-35-05-02-18-10:17-1	3	1.0						O
MW-38s-05-02-18-14:00-1	nd	1.0						O
MW-39s-05-01-18-14:33-1	1	1.0						O
MW-75-05-03-18-15:12-1	840	20.0						O, D
D0								
A2 Cleaning Supply-05-08-18-11:50-1	82	1.0						
MW-53d-05-09-18-11:05-1	nd	1.0						O, H
MW-53i-05-09-18-13:41-1	57	1.0						
MW-53s-05-09-18-12:25-1	nd	1.0						
MW-61d-05-01-18-11:54-1	6	1.0						O
MW-61s-05-01-18-13:10-1	9	1.0						O

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
D2								
175 Jackson Plaza-05-18-18-14:05-1	710	40.0						O, D, H
373 Pinewood Shallow-05-08-18-15:24-1	280	10						D
465 Dupont-05-16-18-11:30-1	910	100.0						D, O
HZ-S-05-23-18-10:18-1	900	100.0						O, D
MW-118-05-17-18-15:20-1	41	1.0						O
MW-11d-05-03-18-11:28-1	370	10.0						O, D
MW-122s-05-15-18-12:38-1	150	10.0						D, O
MW-123s-05-11-18-15:25-1	nd	1.0						
MW-124s-05-11-18-12:04-1	nd	1.0						
MW-130i-05-10-18-15:19-1	4.8	1.0						
MW-133i-05-16-18-10:23-1	nd	1.0						
MW-133s-05-16-18-11:38-1	1.2	1.0						
MW-134i-05-17-18-12:41-1	7	1.0						O
MW-134s-05-17-18-13:56-1	9	1.0						O
MW-34d-05-02-18-11:39-1	nd	1.0						O
MW-38d-05-02-18-15:11-1	59	1.0						O
MW-39d-05-01-18-15:56-1	28	1.0						O
MW-4d-05-18-18-11:22-1	400	100.0						O, D, H
MW-56s-05-23-18-14:21-1	70	10.0						O, D
MW-62i-05-23-18-10:26-1	nd	1.0						O
MW-62s-05-23-18-11:40-1	nd	1.0						O
MW-63i-05-24-18-10:41-1	nd	1.0						O
MW-63s-05-24-18-12:02-1	4	1.0						O
MW-92-05-16-18-14:41-1	38	1.0						O
MW-94s-05-18-18-12:45-1	580	20.0						O, D, H
E								

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
373 Pinewood Deep-05-08-18-14:50-1	nd	1.0						
MW-100-05-15-18-15:42-1	1800	100.0						D, O
MW-103d-05-02-18-15:00-1	8	1.0						O
MW-103s-05-10-18-12:30-1	71	10.0						
MW-105d-05-14-18-15:00-1	170	10.0						D, O
MW-112d-05-01-18-14:55-1	1	1.0						O
MW-112i-05-10-18-11:06-1	11	1.0						
MW-112s-05-10-18-09:52-1	nd	1.0						
MW-115-05-25-18-12:54-1	470	40.0						O, D
MW-116-05-25-18-14:15-1	390	40.0						O, D
MW-119-05-22-18-14:28-1	50	10.0						O, D
MW-122d-05-15-18-11:35-1	nd	1.0						
MW-123d-05-01-18-11:30-1	nd	1.0						O
MW-124d-05-11-18-10:49-1	nd	1.0						
MW-133d-05-16-18-09:05-1	nd	1.0						
MW-134d-05-17-18-11:26-1	4.1	1.0						
MW-135-05-11-18-13:59-1	nd	1.0						
MW-141d-05-17-18-10:14-1	3.3	1.0						
MW-56d-05-23-18-13:03-1	nd	1.0						O
MW-63d-05-24-18-09:16-1	nd	1.0						O
MW-64-05-10-18-12:24-1	46	1.0						
MW-65d-05-16-18-15:26-1	23	1.0						O
MW-65i-05-24-18-13:42-1	2	1.0						O
MW-65s-05-24-18-14:59-1	13	1.0						O
MW-66-05-02-18-09:00-1	2	1.0						O
MW-68-05-11-18-09:10-1	nd	1.0						
MW-76i-05-09-18-15:23-1	110	1.0						

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
MW-76s-05-09-18-16:40-1	280	10.0						D
MW-79d-05-25-18-10:08-1	nd	1.0						O
MW-79s-05-25-18-11:29-1	490	40.0						O, D
MW-81-05-22-18-13:00-1	230	10.0						O, D
MW-84s-05-10-18-13:52-1	30	10.0						D
MW-88-05-22-18-16:02-1	290	10.0						O, D
MW-90-05-16-18-13:06-1	40	1.0						O
MW-91-05-22-18-11:34-1	200	10.0						O, D
MW-94d-05-10-18-15:20-1	2	1.0						O
MW-95-05-18-18-08:33-1	28	2.0						O, D, H
SH								
MW-2s-05-18-18-13:56-1	1.9	1.0						
SW								
MW-10d-05-03-18-13:52-1	8	1.0						O
MW-45d-05-04-18-16:01-1	1000	10.0						D
MW-45s-05-04-18-14:47-1	5.3	1.0						
MW-46-05-04-18-13:27-1	240	10.0						D
MW-48-05-18-18-11:33-1	33	1.0						O, H
MW-49-05-04-18-10:46-1	nd	1.0						
MW-50-05-03-18-16:44-1	1000	20.0						O, D
MW-52s-05-03-18-12:50-1	290	10.0						O, D
MW-57-05-18-18-10:52-1	2.7	1.0						
TW-4-05-04-18-12:08-1	49	1.0						
Surface Water								
Not Applicable								
HC/HR-05-01-18-09:05-1			nd	2.0				

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
HC/HR-05-02-18-09:20-1			nd	2.0				
HC/HR-05-03-18-09:20-1			nd	2.0				
HC/HR-05-04-18-10:00-1			nd	2.0				
HC/HR-05-07-18-09:26-1			nd	2.0				
HC/HR-05-08-18-09:26-1			nd	2.0				
HC/HR-05-09-18-10:00-1			nd	2.0				
HC/HR-05-10-18-09:40-1			nd	2.0				
HC/HR-05-11-18-09:58-1			nd	2.0				
HC/HR-05-14-18-09:33-1			nd	2.0				
HC/HR-05-15-18-09:07-1			nd	2.0				
HC/HR-05-16-18-09:25-1			nd	2.0				
HC/HR-05-17-18-09:00-1			nd	2.0				
HC/HR-05-18-18-09:45-1			nd	2.0				
HC/HR-05-21-18-09:00-1			nd	2.0				
HC/HR-05-22-18-08:07-1			nd	2.0				
HC/HR-05-23-18-09:00-1			nd	2.0				
HC/HR-05-24-18-07:45-1			nd	2.0				
HC/HR-05-25-18-08:00-1			nd	2.0				
HC/HR-05-29-18-09:00-1			nd	2.0				
HC/HR-05-30-18-09:30-1			nd	2.0				
HC/HR-05-31-18-09:00-1			nd	2.0				
Treatment System								
OUTFALL-05-01-18-1	5	1.0						O
OUTFALL-05-01-18-2			8.2	5.0				
OUTFALL-05-02-18-1	5	1.0						O
OUTFALL-05-02-18-2			7.6	5.0				
OUTFALL-05-03-18-1	5	1.0						O

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
OUTFALL-05-03-18-2			7.5	5.0				
OUTFALL-05-06-18-1	6.6	1.0						
OUTFALL-05-06-18-2			7.5	5.0				
OUTFALL-05-07-18-1	6.7	1.0						
OUTFALL-05-07-18-2			8.9	5.0				
OUTFALL-05-08-18-2			8.4	5.0				
OUTFALL-05-08-18-1	5.9	1.0						
OUTFALL-05-09-18-1	6.5	1.0						
OUTFALL-05-09-18-2			8.3	5.0				
OUTFALL-05-10-18-2			7.0	5.0				
OUTFALL-05-10-18-1	4	1.0						O
OUTFALL-05-13-18-1	5	1.0						O
OUTFALL-05-13-18-2			7.6	5.0				
OUTFALL-05-14-18-2			6.4	5.0				
OUTFALL-05-14-18-1	5.3	1.0						
OUTFALL-05-15-18-2			6.0	5.0				
OUTFALL-05-15-18-1	5.5	1.0						
OUTFALL-05-16-18-2			6.9	5.0				
OUTFALL-05-16-18-1	5.4	1.0						
OUTFALL-05-17-18-2			7.7	5.0				
OUTFALL-05-17-18-1	6.0	1.0						
OUTFALL-05-20-18-2			7.1	5.0				
OUTFALL-05-20-18-1	5	1.0						O, H
OUTFALL-05-21-18-02			8.6	5.0				
OUTFALL-05-21-18-01	6	1.0						O
OUTFALL-05-22-18-2			8.1	5.0				
OUTFALL-05-22-18-1	6	1.0						O

Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments	Qualifier(s)
OUTFALL-05-23-18-2			5.6	5.0				
OUTFALL-05-23-18-1	5	1.0						O
OUTFALL-05-24-18-2			7.3	5.0				
OUTFALL-05-24-18-1	5	1.0						O
OUTFALL-05-27-18-2			7.8	5.0				
OUTFALL-05-27-18-1	6	1.0						O
OUTFALL-05-28-18-2			7.8	5.0				
OUTFALL-05-28-18-1	6	1.0						O
OUTFALL-05-29-18-2			6.6	5.0				
OUTFALL-05-29-18-1	5	1.0						O
OUTFALL-05-30-18-2			7.4	5.0				
OUTFALL-05-30-18-1	5	1.0						O
OUTFALL-05-31-18-2			8.0	5.0				
OUTFALL-05-31-18-1	6	1.0						O
Red Pond-05-07-18-08:45-1	450	10.0						D
Red Pond-05-14-18-09:15-1	360	10.0						D, O
Red Pond-05-29-18-08:10-1	390	40.0						O, D

PLS Qualifier Codes:

- nd: The compound was analyzed for, but was not detected at or above the detection limit indicated.
- D: Analyte value quantified from a dilution, reporting limit is raised to reflect dilution.
- H: Sample was analyzed past 14 day hold time, but within 28 days used by ATS for same method with EPA approval.
- O: Samples analyzed in outside laboratory.



390 South Wagner Road
Ann Arbor, Michigan 48103
Tel. 734.998-0995 Fax. 734.998-3731
Michigan Laboratory ID: 9604
Wisconsin Laboratory ID: 998321729

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/2/18
ATS SRF: 0502181 (Rush)

Sample Identification: Outfall

Sample Date: 5/1/18
Sample Time: na
Sampled By: Client
Laboratory Receipt Date: 5/2/18
Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.005	0.001	5/2/18	11:55	JEB

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.
Sample analyzed at native pH.

X:\G001-002_18SRF_0502181

rev. 5/2/18



390 South Wagner Road
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Tel. 734.998-0995 Fax. 734.998-3731
Michigan Laboratory ID: 9604
Wisconsin Laboratory ID: 998321729

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/2/18
ATS SRF: 0502181

Sample Identification: MW-123D

Sample Date: 5/1/18
Sample Time: 11:30 AM
Sampled By: Client
Laboratory Receipt Date: 5/2/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	<0.001	0.001	5/2/18	14:07	JEB

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\G001-002_18SRF_0502181

rev. 5/2/18



390 South Wagner Road
Ann Arbor, Michigan 48103
Tel. 734.998-0995 Fax. 734.998-3731
Michigan Laboratory ID: 9604
Wisconsin Laboratory ID: 998321729

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/2/18
ATS SRF: 0502181

Sample Identification: MW-112D

Sample Date: 5/1/18
Sample Time: 2:55 PM
Sampled By: Client
Laboratory Receipt Date: 5/2/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.001	0.001	5/2/18	15:02	JEB

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

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rev. 5/2/18



390 South Wagner Road
Ann Arbor, Michigan 48103
Tel. 734.998-0995 Fax. 734.998-3731
Michigan Laboratory ID: 9604
Wisconsin Laboratory ID: 998321729

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/2/18
ATS SRF: 0502181

Sample Identification: 4601 Park 4 Inch

Sample Date: 5/1/18
Sample Time: 9:56 AM
Sampled By: Client
Laboratory Receipt Date: 5/2/18
Sample Matrix: na

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.002	0.001	5/2/18	16:09	JEB

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\G001-002_18SRF_0502181

rev. 5/2/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0502181

Sample Identification: 4501 Park 8 Inch

Sample Date: 5/1/18
 Sample Time: 10:15 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/2/18
 Sample Matrix: na

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.002	0.001	5/2/18	16:53	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_185RF_0602181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0502181

Sample Identification: MW-61D

Sample Date: 5/1/18
 Sample Time: 11:54 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/2/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.000	0.001	5/2/18	17:48	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_185RF_0602181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0502181

Sample Identification: MW-81S

Sample Date: 5/1/18
 Sample Time: 1:10 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/2/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.009	0.001	5/2/18	20:30	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_185RF_0602181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0502181

Sample Identification: MW-38S

Sample Date: 5/1/18
 Sample Time: 2:30 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/2/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.001	0.001	5/2/18	19:14	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_185RF_0602181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/2/18
 ATS SRF: 0503181

Sample Identification: MW-39D

Sample Date: 5/1/18
 Sample Time: 3:56 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/2/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.028	0.001	5/2/18	13:58	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0602181

rev. 5/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/3/18
 ATS SRF: 0503181 (Rush)

Sample Identification: Outfall

Sample Date: 5/2/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005	0.001	5/3/18	11:10	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_0602181

rev. 5/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/2/18
 ATS SRF: 0503181

Sample Identification: MW-66

Sample Date: 5/2/18
 Sample Time: 9:00 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.002	0.001	5/2/18	13:22	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0602181

rev. 5/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/2/18
 ATS SRF: 0503181

Sample Identification: MW-35

Sample Date: 5/2/18
 Sample Time: 10:17 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.003	0.001	5/2/18	14:06	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0602181

rev. 5/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pail Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pail Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0503181

Sample Identification: MW-34D

Sample Date: 5/2/18
 Sample Time: 11:39 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	<0.001	0.001	5/2/18	14:50	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\2001-002_16SRF_0503181

rev. 5/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pail Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pail Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0503181

Sample Identification: MW-34S

Sample Date: 5/2/18
 Sample Time: 12:38 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	<0.001	0.001	5/4/18	13:58	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\2001-002_16SRF_0503181

rev. 5/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pail Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pail Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0503181

Sample Identification: MW-36S

Sample Date: 5/2/18
 Sample Time: 2:00 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	<0.001	0.001	5/3/18	16:25	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\2001-002_16SRF_0503181

rev. 5/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pail Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pail Corporation #G001-002
 Report Date: 5/3/18
 ATS SRF: 0503181

Sample Identification: MW-38D

Sample Date: 5/2/18
 Sample Time: 3:11 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.059	0.001	6/2/18	17:09	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\2001-002_16SRF_0503181

rev. 5/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/4/18
 ATS SR#: 0504181 (Rush)

Sample Identification: Outfall

Sample Date: 5/2/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 5/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005	0.001	5/4/18	11:46	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_0504181

rev. 5/2/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SR#: 0504181

Sample Identification: MW-32

Sample Date: 5/2/18
 Sample Time: 9:00 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.022	0.001	5/4/18	14:42	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SR#: 0504181

Sample Identification: MW-18D

Sample Date: 5/2/18
 Sample Time: 10:17 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.098	0.002	5/4/18	18:10	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/2/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SR#: 0504181

Sample Identification: MW-11D

Sample Date: 5/2/18
 Sample Time: 11:39 AM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.37	0.01	5/4/18	16:54	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0504181

Sample Identification: MW-52S

Sample Date: 5/2/18
 Sample Time: 12:39 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.23	0.01	5/4/18	17:35	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0504181

Sample Identification: MW-10D

Sample Date: 5/2/18
 Sample Time: 2:00 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	ug/L	0.008	0.001	5/7/18	14:25	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0504181

Sample Identification: MW-75

Sample Date: 5/2/18
 Sample Time: 3:11 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.84	0.02	5/4/18	19:06	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/8/18
 ATS SRF: 0504181

Sample Identification: MW-50

Sample Date: 5/2/18
 Sample Time: 2:00 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	1.0	0.02	5/4/18	19:50	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0504181

rev. 5/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 0504181

Sample Identification: MW-103D

Sample Date: 5/2/18
 Sample Time: 3:11 PM
 Sampled By: Client
 Laboratory Receipt Date: 5/3/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analized By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.508	0.001	5/4/18	15:28	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - indicates not applicable / not available.

X:\001-002_18SRF_0504181 rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: Outfall

Sample Date: 5/10/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analized By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.004	0.001	5/24/18	12:15	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - indicates not applicable / not available.
 Sample analyzed at native pH.

X:\001-002_18SRF_0524181 rev. 5/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: TW-19

Sample Date: 5/7/18
 Sample Time: 11:55
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analized By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.52	0.01	5/24/18	15:07	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - indicates not applicable / not available.

X:\001-002_18SRF_0524181 rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: PW-1

Sample Date: 5/7/18
 Sample Time: 13:53
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analized By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.54	0.10	5/23/18	12:31	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - indicates not applicable / not available.

X:\001-002_18SRF_0524181 rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: MW-536

Sample Date: 5/5/18
 Sample Time: 11:05
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	<0.001	0.001	5/24/18	18:35	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0524181

rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: MW-94d

Sample Date: 5/10/18
 Sample Time: 15:20
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.002	0.001	5/24/18	17:19	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0524181

rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: MW-105d

Sample Date: 5/14/18
 Sample Time: 15:00
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.17	0.01	5/24/18	18:03	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0524181

rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/1/18
 ATS SRF: 524181

Sample Identification: MW-122s

Sample Date: 5/15/18
 Sample Time: 12:38
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.15	0.01	5/24/18	18:47	JEB

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0524181

rev. 6/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/1/18
ATS SRF: 524181

Sample Identification: MW-100

Sample Date: 5/1/18
Sample Time: 15:42
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	1.8	0.10	5/24/18	19:31	JEB

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\001-002_18SRF_524181

rev. 5/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/1/18
ATS SRF: 524181

Sample Identification: 455 DuPont

Sample Date: 5/1/18
Sample Time: 11:30
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.91	0.10	5/29/18	12:35	JEB

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\001-002_18SRF_524181

rev. 5/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/1/18
ATS SRF: 524181

Sample Identification: MW-85d

Sample Date: 5/1/18
Sample Time: 15:26
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.023	0.001	5/25/18	13:58	SLS

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\001-002_18SRF_524181

rev. 5/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 5/1/18
ATS SRF: 524181

Sample Identification: MW-90

Sample Date: 5/1/18
Sample Time: 13:06
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.040	0.001	5/25/18	14:43	SLS

Comments

All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\001-002_18SRF_524181

rev. 5/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 6/1/18
ATS SR#: 524181

Sample Identification: MW-92

Sample Date: 5/16/18
Sample Time: 14:41
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.038	0.001	5/25/18	15:27	SLS

Comments
All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\G001-002_18SRF_524181

rev. 6/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 6/1/18
ATS SR#: 524181

Sample Identification: MW-134i

Sample Date: 5/17/18
Sample Time: 12:41
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.007	0.001	5/25/18	16:11	SLS

Comments
All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\G001-002_18SRF_524181

rev. 6/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 6/1/18
ATS SR#: 524181

Sample Identification: MW-134s

Sample Date: 5/17/18
Sample Time: 13:58
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.009	0.001	5/25/18	16:55	SLS

Comments
All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\G001-002_18SRF_524181

rev. 6/1/18

Organic Analysis Data Summary Sheet

For: Ms. Sue Peters
Pall Corporation
642 South Wagner Road
Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
Report Date: 6/1/18
ATS SR#: 524181

Sample Identification: MW-118

Sample Date: 5/17/18
Sample Time: 15:20
Sampled By: Client
Laboratory Receipt Date: 5/24/18
Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.041	0.001	5/25/18	17:39	SLS

Comments
All methods reference USEPA methods unless otherwise noted.
na - Indicates not applicable / not available.

X:\G001-002_18SRF_524181

rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/1/18
 ATS SRF: 524181

Sample Identification: Outfall

Sample Date: 5/13/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005	0.001	5/25/18	18:23	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_524181

rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/1/18
 ATS SRF: 524181

Sample Identification: Red Pond

Sample Date: 5/14/18
 Sample Time: 9:15
 Sampled By: Client
 Laboratory Receipt Date: 5/24/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.36	0.01	5/25/18	19:07	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_524181

rev. 6/1/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SRF: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/21/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.006	0.001	6/4/18	12:27	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-48

Sample Date: 5/18/18
 Sample Time: 11:33
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.033	0.001	6/4/18	14:39	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/9/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-95

Sample Date: 5/18/18
 Sample Time: 8:33
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.014 ✓	0.001	6/4/18	15:23	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_18SRF_0604181_Rush

rev. 6/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SRF: 0604181 (Rush)

Sample Identification: TW-6

Sample Date: 5/18/18
 Sample Time: 10:00
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.024 ✓	0.001	6/4/18	16:08	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_18SRF_0604181_Rush

rev. 6/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/9/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-94s

Sample Date: 5/18/18
 Sample Time: 12:45
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.58 ✓	0.02	6/4/18	16:52	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_18SRF_0604181_Rush

rev. 6/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SRF: 0604181 (Rush)

Sample Identification: 175 Jackson Plaza

Sample Date: 5/18/18
 Sample Time: 14:05
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.71 ✓	0.04	6/4/18	17:36	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_18SRF_0604181_Rush

rev. 6/9/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/6/18
 ATS SRP: 0604181 (Rush)

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/6/18
 ATS SRP: 0504181 (Rush)

Sample Identification: MW-91

Sample Date: 5/22/18
 Sample Time: 11:34
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.20 ✓	0.01	6/4/18	18:20	SLS

Sample Identification: MW-81

Sample Date: 5/22/18
 Sample Time: 13:00
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.23 ✓	0.01	6/4/18	19:04	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_1F5SRP_0604181_Rush

rev. 6/6/18

X:\0001-002_1F5SRP_0504181_Rush

rev. 6/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/6/18
 ATS SRP: 0604181 (Rush)

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/6/18
 ATS SRP: 0604181 (Rush)

Sample Identification: MW-119

Sample Date: 5/22/18
 Sample Time: 14:28
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.05 ✓	0.01	6/4/18	21:16	SLS

Sample Identification: MW-88

Sample Date: 5/22/18
 Sample Time: 16:02
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis							
1,4-Dioxane	EPA 1624	mg/L	0.28 ✓	0.01	6/4/18	22:00	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 8/8/18
 ATS SRF: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/22/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.006 ✓	0.601	8/1/18	22:45	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_1F53RF_0604181_Rush

rev. 6/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: H2-S

Sample Date: 5/23/18
 Sample Time: 10:18
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.0 ✓	0.1	6/4/18	23:29	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_1F53RF_0604181_Rush

rev. 6/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-26

Sample Date: 5/23/18
 Sample Time: 8:58
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001 ✓	0.001	8/5/18	0:13	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_1F53RF_0604181_Rush

rev. 6/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-521

Sample Date: 5/23/18
 Sample Time: 10:26
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001 ✓	0.001	8/5/18	0:57	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_1F53RF_0604181_Rush

rev. 6/8/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-62s

Sample Date: 5/23/18
 Sample Time: 11:40
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001 ✓	0.001	6/5/18	1:41	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0604181_Rush

rev. 6/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-56d

Sample Date: 5/23/18
 Sample Time: 13:03
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001 ✓	0.001	6/5/18	2:25	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0604181_Rush

rev. 6/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-55s

Sample Date: 5/23/18
 Sample Time: 14:21
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.07 ✓	0.01	6/5/18	3:09	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0604181_Rush

rev. 6/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/23/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005 ✓	0.001	6/5/18	3:54	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_0604181_Rush

rev. 6/6/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-53d

Sample Date: 5/24/18
 Sample Time: 9:16
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001 ✓	0.001	6/5/18	10:26	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRP_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-53l

Sample Date: 5/24/18
 Sample Time: 10:41
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001 ✓	0.001	6/5/18	11:10	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRP_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/24/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005 ✓	0.001	6/5/18	11:54	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRP_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-53e

Sample Date: 5/24/18
 Sample Time: 12:02
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.004 ✓	0.001	6/5/18	14:07	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRP_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-65I

Sample Date: 5/24/18
 Sample Time: 13:42
 Sampled By: Client
 Laboratory Receipt Date: 5/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analysed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.002	0.001	5/5/18	14:51	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0201-002_165RF_0604181_Rush

rev: 5/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-65s

Sample Date: 5/24/18
 Sample Time: 14:59
 Sampled By: Client
 Laboratory Receipt Date: 5/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analysed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.013	0.001	5/5/18	15:35	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0201-002_165RF_0604181_Rush

rev: 5/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-79d

Sample Date: 5/24/18
 Sample Time: 10:08
 Sampled By: Client
 Laboratory Receipt Date: 5/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analysed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	<0.001	0.001	5/5/18	16:50	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample date taken from COC, sample label indicates a date of 5/25/18.

X:\0201-002_165RF_0604181_Rush

rev: 5/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/5/18
 ATS SRF: 0604181 (Rush)

Sample Identification: MW-79s

Sample Date: 5/25/18
 Sample Time: 11:29
 Sampled By: Client
 Laboratory Receipt Date: 5/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analysed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.49	0.04	5/5/18	17:35	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0201-002_165RF_0604181_Rush

rev: 5/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-115

Sample Date: 6/25/18
 Sample Time: 12:54
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.47 ✓	0.04	6/5/18	18:19	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-116

Sample Date: 5/25/18
 Sample Time: 14:15
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.39 ✓	0.04	6/5/18	20:31	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\G001-002_18SRF_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/20/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005 ✓	0.001	6/5/18	21:15	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/31/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.008 ✓	0.001	6/5/18	21:59	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\G001-002_18SRF_0604181_Rush

rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 5/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: MW-4d

Sample Date: 5/18/18
 Sample Time: 11:22
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.4 ✓	0.1	6/5/18	22:44	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_1F5RF_0604181_Rush rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: D604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/27/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.008 ✓	0.001	6/6/18	0:56	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\0001-002_1F5RF_0604181_Rush rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/28/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.008 ✓	0.001	6/6/18	2:24	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\0001-002_1F5RF_0604181_Rush rev. 6/5/18

**Organic Analysis
 Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/5/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/29/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005 ✓	0.001	6/6/18	1:40	SLS

Comments
 All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

X:\0001-002_1F5RF_0604181_Rush rev. 6/5/18

**Organic Analysis
Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Red Pond

Sample Date: 5/20/18
 Sample Time: 8:18
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Ground Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.39 ✓	0.04	6/6/18	3:00	SLS

Comments

All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.

X:\0001-002_1FISRP_0604181_Rush

rv. 6/6/18

**Organic Analysis
Data Summary Sheet**

For: Ms. Sue Peters
 Pall Corporation
 642 South Wagner Road
 Ann Arbor, MI 48103

ATS Project: Pall Corporation #G001-002
 Report Date: 6/6/18
 ATS SR#: 0604181 (Rush)

Sample Identification: Outfall

Sample Date: 5/20/18
 Sample Time: na
 Sampled By: Client
 Laboratory Receipt Date: 6/4/18
 Sample Matrix: Treated Water

Parameter	Method	Units	Result	Reporting Limit	Analysis Date	Analysis Time	Analyzed By
Organic Analysis 1,4-Dioxane	EPA 1624	mg/L	0.005 ✓	0.001	6/6/18	3:32	SLS

Comments

All methods reference USEPA methods unless otherwise noted.
 na - Indicates not applicable / not available.
 Sample analyzed at native pH.

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rv. 6/6/18