

Status Report - Pollutant Minimization and Source Evaluation Program for PFOS and PFOA



May 1, 2020



May 1, 2020

Ms. Laura Verona
District Supervisor
Southeast Michigan District Office
Water Resources Division
EGLE
27700 Donald Court
Warren, MI 48092-2793

Regarding: **Pollutant Minimization and Source Evaluation Program for PFOS and/or PFOA - May 1, 2020**

Dear Ms. Verona:

Attached, please find the Great Lakes Water Authority (GLWA) 2020 **Pollutant Minimization and Source Evaluation Program for PFOS and/or PFOA ("Minimization Program")** status report as required in Part I., Section A.17 of the National Pollutant Discharge Elimination System (NPDES) Permit MI 0022802. GLWA's Minimization Program was approved on January 31, 2020, and this is the initial report. This report presents the results of sample collection and analyses and describes the progress made to control reduce and eliminate these compounds from wastes and wastewater discharged into the sewerage system.

We believe that the Minimization Program is being fully implemented and is producing measurable reductions, elimination and control of PFOS and PFOA contributions. If you have questions or need additional information, please feel free to contact me at (313) 297-5804.

Respectfully,

Stephen Kuplicki
Operations Manager, Industrial Waste Control
Great Lakes Water Authority

cc: Navid Mehram, GLWA
Majid Khan, GLWA
Thomas Eapen, GLWA

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The Great Lakes Water Authority (GLWA) was required to develop and implement a “Pollutant Minimization and Source Evaluation Program for Perfluorooctane Sulfonate (PFOS) and/or Perfluorooctanoic Acid (PFOA)” (hereinafter “Minimization Program”) under the terms of its NPDES Permit MI0022802 issued on July 1, 2019. GLWA submitted its Minimization Program by October 1, 2019, responded to comments from EGLE and revised the submission by January 31, 2020. EGLE acknowledged receipt of the Minimization Program.

The NPDES Permit MI0022802 requires the submission of an annual status report for the prior calendar year to be submitted on or by May 1st. This submission constitutes the first report submitted under the approved Minimization Program. As the initial report, we have included summaries of information previously reported to demonstrate the comprehensive actions taken by GLWA to date, but have not included detailed laboratory analyses, etc. that have already been supplied prior to 12/31/2019.

Introduction

PFOA and PFOS are two chemical compounds from a whole family of manmade chemicals that contain a carbon and fluorine backbone known as Per- and Poly- Fluoroalkyl Substances (PFAS). These compounds came into common use in the 1950s and '60s given their ability to resist heat, water, and oil, and have been used in hundreds of industrial processes and consumer products. There are hundreds of known PFAS compounds with varying functional groups, which can include other elements such as oxygen, hydrogen, or sulfur.

Although there are hundreds of PFAS compounds, only a small number have been studied and our understanding on their impact upon human health and the environment is limited. Long-chain PFASs are believed to be more toxic and more persistent in the environment. Two of the compounds which have been studied for toxicity are PFOA and PFOS, however the extent to which these compounds break down in the environment or within municipal treatment plants is not well understood.

The U.S. Environmental Protection Agency has set lifetime health advisories for PFOA and PFOS, and the State of Michigan has set a water quality standards (WQS) for PFOS at 11 ng/l and a water quality-based effluent standards (WQBEL) at 8.04 ug/l for PFOA. Additional states have established other limits and standards. Research and investigation into these and other PFAS compounds are continuing and the science remains fluid.

GLWA is committed to implement this Minimization Program with the goal to reduce and maintain the WRRF effluent quality below the applicable WQS and/or WQBEL standards.

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Discussion: Annual Report

This Annual report has been prepared in accordance with the requirements of NPDES permit MI0022802 and includes the following elements:

- a. Complete listing of PFOS and/or PFOA sources
- b. Summary of influent and effluent monitoring data
- c. Summary of monitoring data from known or potential sources
- d. History and compliance status for sources
- e. Implemented measures to eliminate, reduce, or control sources, (prioritizing highest loadings and concentrations), and an assessment of the degree of success and the strategies used to measure success
- f. Proposed measures and schedules for elimination, control, or reduction of any newly identified PFOS and/or PFOA sources (prioritizing highest loadings and concentrations), and the strategies that will be used to measure success
- g. Barriers to implementation and revisions to the implementation schedule
- h. Laboratory reports, if not previously supplied
- i. Conclusions and Recommendations

GLWA provides wastewater treatment services to a large service area of 840 sq. miles and receives wastewater from residential and non-residential sources. The service area has hosted a variety of commercial and industrial activities which may have employed PFAS Compounds in their processes prior to 2018. GLWA has and continues to use its Best Efforts to locate significant sources of PFAS compounds that contribute wastewater treated at the WRRF facility. We believe that a majority of significant sources has been identified and will exercise due care to identify future contributions from commercial and industrial users. As discussed in the Minimization Program, current efforts and activities do not include contributions from residential users.

GLWA has developed and implemented a robust Minimization Program and provides the following findings and results.

A. PFOS and/or PFOA Sources

As discussed within the Minimization Program itself, GLWA has employed several steps to identify sources of PFOA and PFOS. These have included:

1. Evaluating existing Significant Industrial Users (both those subject to National

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- Categorical Pretreatment Standards and Local Limitations only),
2. Requesting information about PFOS and PFOA contributions through our IPP survey program and permit application processes.

Table 1 presents a summary of Sources evaluated for PFOS and/or PFOA through May 1, 2020.

Table 1 – Source Summary (2018 through May, 2020)			
	Source Evaluation March 2019	Source Evaluation December 2019	Current Sources May 1, 2020
Not a Source	86	88	94
Potential Source	2	1	1
Significant Source	46	49	43
Reclassified - Other	7	10	10
Pending	4	0	0
Groundwater	2	1	1
In-System Sample (Domestic)	1	1	1
Facilities Transferred to Oakland County (1/2020)			4
Grand Total	148	150	154

Attachment 1 is a comprehensive summary identifying the specific sources identified and reviewed as of May 1, 2020, and their status as of this date. As detailed within the attachment, GLWA has required all potential and significant sources of PFAS Compounds to develop and implement a Best Management Program (BMP) in order to reduce, eliminate and control PFAS contributions. These BMPs have been incorporated into an enforceable control mechanism such as (i) a wastewater discharge permit and/or (ii) a Compliance Agreement, with appropriate self-monitoring and reporting requirements. These sources are required to report analytical results and their progress with implementation of their BMPs with their Six-month reports submissions made each June and December.

Status reports of March 31, 2019 and December 31, 2019 had been previously reported and are not duplicated here. (See prior MiWaters submissions).

B. GLWA WRRF INFLUENT AND EFFLUENT MONITORING DATA

A report of sample results and laboratory reports for the WRRF was recently submitted through MiWaters in March 2020. A summary of all of GLWA-WRRF analytical data results is included as Attachment 2. Note: March and April 2020 results were recently received and are included with

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Attachment B-2.

C. Summary of Monitoring Data

GLWA has provided periodic summaries and copies of laboratory reports throughout 2018 and 2019. Our most recent submission made in December 2019 included sample results received through the end of November 2019. GLWA has included the Monitoring Data Summaries referenced below to provide a complete record of the level of effort expended to date by itself and by all sources investigated for PFAS contributions to the sewer system. We anticipate that subsequent reports will provide updates to the 2020 calendar year report.

The analytical laboratory reports from sources or from GLWA, if not previously supplied, are addressed in section E.

GLWA is including the following attachments and information summarizing PFOS and PFOA analytical results.

1. Monitoring Data Summary – 2018 (Attachment 3)
2. Monitoring Data Summary – 2019 (Attachment 4)
3. Monitoring Data Summary – 2020 (Through March 31, 2020) (Attachment 5)

D. Source History & Compliance Status

GLWA has used the following criteria to classify user contributions of PFOS and PFOA:

Significant Source: PFAS-based compounds were identified or used in their processes, or PFOS and/or PFOA concentrations exceed EGLE's Water Quality Standards (WQS) of 11 ngm/l (PFOS) or 420 ngms/l (PFOA) from one or more sampling events.

Probable Significant Source: Users who only stored AFFF (or other PFAS foaming agents) for fire protection purposes

Not a Source: Users who did not meet the aforementioned criteria, or who demonstrate that their wastewater discharges no longer meet the aforementioned criteria

Beginning in 2018, GLWA notified users of their classification and, if applicable, provided GLWA sampling reports in support thereof; and notified the user to develop and implement a Best Management Plan (BMP) and (if subject to a Wastewater Discharge Permit) submit a Permit Application to identify any modification or change. A ninety (90) day period was provided for these submissions.

In response to GLWA's notice, Users submitted their BMP which varied from further

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monitoring investigations to evaluations of on-site treatment for the removal of PFAS Compounds. Upon receipt, GLWA reviewed and evaluated these submissions and took the following general actions:

1. Where an approvable BMP was provided, the terms were incorporated into a Permit Modification and/or new Permit with appropriate self-monitoring requirements.
2. Where a BMP was provided but identified additional investigative or evaluative actions (example stream characterization, design criteria, etc), a compliance agreement was prepared and signed by both parties to create an enforceable document. The compliance agreement provided a structure to allow the collection of additional information within a specified time frame until a decision on whether to develop a Permit modification was feasible, and self-monitoring and reporting requirements could be determined.

Following submission of the final report(s) identified in the compliance agreement, the terms of the modified BMP were incorporated into a Permit Modification and/or new Permit with appropriate self-monitoring requirements.

3. As described within its Minimization Program, GLWA harnessed the monitoring and surveillance tools developed originally under its Industrial Pretreatment Program (IPP). To ensure that timely reviews are performed, GLWA began to track progress report and data submissions from sources on a quarterly basis using a tracking form.

These quarterly tracking forms are used to ensure that data results are reviewed, that facility actions to reduce, eliminate and/or control PFAS Compound contributions are monitored and to determine whether additional actions are necessary.

Attachment 1 provides a current summary of progress, and activities to reduce, control and/or eliminate PFAS Compound contributions. GLWA staff review progress quarterly, with copies for the quarter ending March 2020 included as Attachment 6.

E. MEASURES TO REDUCE, ELIMINATE OR CONTROL SOURCES AND AN ASSESSMENT AND STRATEGIES FOR MEASURING SUCCESS

In assessing progress and success, it is necessary to review results for the WRRF both individually and relative to source contributions. These are discussed below.

WRRF PROGRESS

GLWA has collected quarterly WRRF Effluent sampling for PFOS and PFOA since September 2018. PFOA concentrations have been well below the MWQS and continue to demonstrate consistent concentration levels. For the period of September 2018 through September 2019, the WRRF PFOS effluent concentrations were encouraging and demonstrated a trend to being at or below the MWQS. However, sampling events for October 2019, November 2019 and January 2020 increased to a range of 28-34 ngms/l. These three consecutive samples have resumed a downward trend however they remain high. A natural question is whether this

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increase is from heretofore unidentified sources, attributable to specific source(s) or some other answer. This question is addressed below (See “Source and WRRF Progress Comparisons”).

GLWA began collection of influent sampling at the WRRF in January 2020. A comparison with the only previously collected sample in 2018 (by the MDEQ Contractor) shows agreement except for the Jefferson interceptor result. Effluent results have, since October 2019, shown elevated PFOS concentrations of 30 ngms/l. There have been no changes in the WRRF operations which would contribute to this increased concentration.

The three sets of WRRF data for 2020 show mixed results. March data suggests that the prior increase of PFOS has returned to pre-October levels, however the April samples suggest that additional source contributions have risen again, but all are attributable to the Jefferson interceptor. Inasmuch as these results have been received as of this writing, we have not had an opportunity to search for answers. As part of our investigation, we will look to known sources and evaluate their conduct during late-March and early-April.

Notwithstanding the recent data and as discussed below, we believe that the causes for the October-January loading of PFOS can be attributed to MacDermid’s August release and the increased receipts being taken by Centralized Waste Treaters. We remain confident that we have identified the majority of non-residential source and that the cause is attributable to these sources rather than unidentified sources.

Source Progress

Since December 2019, we have either reclassified or removed a source from our lists. Five (5) sources have demonstrated through at least four data sets that their discharge does not contain PFOS and/or PFOA at or above Michigan’s Water Quality Standard (MWQS); One groundwater project source completed its remedial work and no longer discharges to the system; and one source closed and no longer discharges wastewater to the system. See Attachment 1.

Since December 2019, we have classified 91 facilities as “Not a Source” based upon sampling data demonstrating that their discharge does not contain PFOS and/or PFOA at or above the MWQS. See Attachment 1. Four (4) facilities have been transferred to Oakland County for regulatory oversight and have been removed from this listing for future reporting.

Nine (9) users have implemented treatment for reducing, eliminating or controlling their contributions, and an additional seven (7) facilities are evaluating GAC-based treatment systems. As expected, those facilities who have installed treatment have reported reductions of PFAS compounds discharged by their facilities. Those facilities that continue to evaluate and investigate treatment requirements and schedules are being tracked and will be required to develop and implement these plans under an appropriate Compliance Agreement.

The twenty-eight (28) remaining sources are employing a variety of means to reduce, eliminate or control the discharge of PFOS and PFOA to the GLWA system, with varying degrees of success. We attribute the slower progress to the limited time that has lapsed since March 2019

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and the need for additional data collection before drawing broader conclusions. These facilities, operating under a modified wastewater discharge permit or compliance agreement have had their BMP and appropriate reporting and self-monitoring requirements set in an enforceable mechanism. GLWA will regularly review their progress and continues to identify and require corrective measures.

Source and WRRF Progress Comparisons

Since 2018, 734 PFOS and PFOA sample sets have been collected by GLWA and/or sources. Comparisons of these source contributions however remains limited primarily due to the limited time that both GLWA and sources have had to identify and initiate reduction, elimination and/or control strategies. Nevertheless, we have sought to compare contributions for the 2018 through June 2019 period to the July through December period to produce an initial assessment of success. Again, we consider these data comparisons preliminary.

Table 2 – PFOS Comparisons 2018/19 to 2nd half 2019				
	PFOS Contributions from identified sources			
	Centralized Waste Treaters	Macdermid	All other Sources	Totals
	mg/day	mg/day	mg/day	mg/day
2018 - June 2019	925.2	3393	5,241.5	9,559.7
July - December 2019	3,589.5	42,682.7	2,196.7	48,468.9
% Change	288%	1,158%	-58.1%	
	<i>Note: These mass loading estimates are based upon volume and data information collected and reported in Attachments 3, 4 and 5.</i>			

The above table has distinguished the group of Centralized Waste Treaters, MacDermid and all other Users based upon the analytical data reports received and our observations about this data. The data shows the following:

MacDermid – This facility produces chemicals for sale to the plating and metalfinishing industry and operates a test-plating facility also. During implementation of its BMP investigation, the facility obtained PFOS data ranging from 58,000 ppt to 4,600,000 ppt. Initial mitigative actions demonstrate a lower PFOS data range of 250 ppt to 3,400 ppt (September – December 2019). At the time that we became aware of the result, we did not think it would impact the WRRF due to the small flow, however we have now made a different conclusion.

We note that the facility is located in Ferndale MI and its wastewater travels through the Oakland County system to the Jefferson Interceptor. The increased loading observed in the January 2020 WRRF influent sample confirms the presence of one or more PFOS sources. The approximate magnitude of the August release supports our opinion and conclusion that it is solely attributable to Macdermid. (See discussion below)

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The facility has been directed to install Treatment and submitted a schedule for a temporary system by June 2020 and a permanent system by the end of the 2020 year.

Centralized Waste Treaters – these are facilities that receive industrial wastewater for treatment. The sources of wastes received at these facilities are from within the GLWA service area, other parts of the State of Michigan and sources outside of the state (US and Canada). We have observed an increase in wastes received at these facilities, and an acknowledgement from most of the Centralized Waste Treaters of their business interest in expanding their on-site treatment for PFAS Compounds.

All Other Sources

The remaining sources (excluding MacDermid's contribution) show a measurable reduction (58.1%) in the PFOS contributions since July 2019. We believe this demonstrates success in implementation of the new Minimization Program.

Discussion

The work completed to date to identify sources of PFOS and PFOA has been laborious. Considering that the GLWA Service Area is some 840 sq. miles, one must ask whether the current efforts to identify sources captures the majority of sources. At this time, GLWA's opinion is that it has identified significant sources and that its continuing efforts as described in its Minimization Program will identify any new sources.

The GLWA WRRF's calculated influent of 17 ngms/l corresponds to a headworks loading of 35,389.7 mg/day which is 75% of the second half 2019 loading presented in Table 2. Given the time periods involved, we consider this calculated result corresponds well to the totals calculated for table 2 above. Further, our opinion is that MacDermid is the sole source for the observed increased loading, rather than there being unidentified sources in the system. We anticipate that subsequent sampling will support this position and that the GLWA effluent concentration will return to its pre-October levels.

Finally, we believe that the GLWA's Minimization Program has demonstrated its pedigree in identifying responsible sources and requiring corrective mitigative actions and can be deemed successful.

F. PROPOSED MEASURES AND SCHEDULES TO REDUCE, ELIMINATE OR CONTROL SOURCES AND AN ASSESSMENT AND STRATEGIES FOR MEASURING SUCCESS

The Minimization Program has been implemented for a little more than 90-days and was developed using lessons from its preliminary investigations of 2018 and 2019, as well as its experience in implementing the IPP. At this time, we see no need to modify or change the schedules and measures described therein.

Based on our verbal communications with EGLE staff, we understand EGLE's desire to obtain

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Source laboratory reports (provided in Section H) more frequently than once per year. GLWA's monitoring activities are spread out over the calendar year while SIU monitoring reports are provided with the periodic reports, aka Six-Month Reports, submitted each June and December. As such our receipt of user data for all pollutants including PFAS Compounds is limited to their receipt every 6-months. Information pertaining to PFAS compounds are combined with other pollutant reports and evaluated upon receipt.

To address EGLE's request, GLWA proposes to provide unscheduled submissions of available data summaries and their associated laboratory reports by March 31 and October 31st of each year and using the May annual updates to report any remaining monitoring events.

G. BARRIERS TO IMPLEMENTATION AND REVISIONS TO THE IMPLEMENTATION SCHEDULE

The Minimization Program has been implemented for a little more than 90-days and we do not foresee any barriers or revisions to schedules at this time. We note the receipt of several inquiries from industries as to any modification of our enforcement/compliance posture during the current Covid-19 virus pandemic. GLWA has not modified its enforcement or compliance position but have modified several schedules for treatment system testing or start-up until facilities resume operations. The potential impact of the Covid-19 virus has impacted certain business operations and activities however we anticipate these are short-term setbacks and should, in no way, negatively impact the implementation of this Minimization Program.

H. LABORATORY REPORTS (NOT PREVIOUSLY SUPPLIED)

Since 2018, more than 725 PFAS Compound sample sets have been generated by GLWA and sources, and the copies of these laboratory reports have been provided to EGLE through November 2019. As appropriate, self-monitoring has been incorporated into User permits and/or Compliance Agreements to track progress.

GLWA's monitoring and surveillance activities continue. During the first quarter of 2020, GLWA has monitored 14 significant sources and re-sampled 7 Users previously classified as or reclassified as "Not a Source". All of the resampled Users show Non-detect results for PFOA and PFOS.

GLWA's last data submission was in December 2019 and additional data received from Users or GLWA sampling efforts have been compiled and are summarized in Attachment 5 and the corresponding laboratory reports included in Attachment 7.

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CONCLUSIONS AND FUTURE ACTIVITIES

The recent implementation of GLWA's Minimization Program has been effective towards reducing, eliminating and controlling PFOS and PFOA contributions to the GLWA sewer system. Additional work remains and we are optimistic that further progress will be realized in calendar year 2020.

During the next 12 months, GLWA will continue to pursue the following activities to further achieve PFOS and PFOA reduction, elimination and control from identifiable sources and recommits to the following:

1. Existing Sources – GLWA will continue to track and promote source reduction, elimination and control strategies with all existing users. We will continue to require those sources who are currently evaluating or developing treatment plans to act reasonably and timely to install appropriate treatment, especially those sources in the Centralized Waste Treatment industry.
2. GLWA Monitoring Program – GWA has incorporated appropriate self-monitoring requirements in Wastewater Discharge Permits and/or Compliance Agreements and will conduct independent monitoring of sources throughout the calendar year.
3. Local Limits Study - GLWA has initiated its sampling for the Local Limits Study in January 2020 and is collecting data from the WRRF and in-system background sampling areas. We will continue the data collection efforts throughout the remainder of 2020 so that we have an adequate database from which to evaluate PFAS Compounds and the other pollutants. Our report will be submitted on or before June 2021.

GLWA believes that the Minimization Program is being fully implemented and is producing measurable reductions, elimination and control of PFOS and PFOA contributions. Further progress by sources throughout 2020 should reinforce our belief that source control programs are effective and valid means of achieving the desired results.



Pollutant Minimization and Source Evaluation Program for PFOS and PFOA

Table of Attachments

Attachment 1	List of Sources – Identification, Classification and Status 2018 through May 2020
Attachment 2	WRRF Sampling Data - 2018 through May 2020
Attachment 3	Summary of Sampling Results – CY 2018
Attachment 4	Summary of Sampling Results – CY 2019
Attachment 5	Summary of Sampling Results – Thru March 2020
Attachment 6	GLWA Tracking Reports – March 2020
Attachment 7	Laboratory Analytical Reports (Not Previously Supplied)

ATTACHMENT 1

ATTACHMENT-A-1: LIST OF SOURCES - IDENTIFICATION, CLASSIFICATION & STATUS 2018 THROUGH MAY 2020

Facility Number	Facility Classification	Facility Name	Mailing Address	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	Comment (If Applicable)	BMP Incorporated into Permit?	Treatment Installed or Pending	Progress Assessment
									Y = Progress Observed N = No Progress Observed I = Not Determined

Group #1: Reclassifications (Since December 2019)

1	Not a Source	Dynamic Metal Finishing	5999 Bewick Street			2018 Data demonstrates facility should be classified as "Not a Source"			
2	Not a Source	Controlled Power Company	1955 Stephenson Highway	CIU	433.A.17a (PSNS) Metal Finishing	Closed 2019			
3	Not a Source	General Motors Company	2500 East General Motors Boulevard	CIU	433.A.17a (PSNS) Metal Finishing	2018 Data demonstrates facility should be classified as "Not a Source". Facility disposed of AFFF materials stored on-site.			
4	Not a Source	General Motors LLC., Orion Assembly	4555 Giddings Road	CIU	433.A.15a (PSES) Metal Finishing	2019 Data demonstrates facility should be classified as "Not a Source"			
5	Not a Source	MDOT - Parcel 5348			Groundwater	Project completed in April 2019 - No further discharge			
6	Not a Source	International Hardcoat Inc.	12400 Burt Road	CIU	433.A.17a (PSNS) Metal Finishing	2018 Data demonstrates facility should be classified as "Not a Source"			
7	Not a Source	Wolverine Plating Corporation	29456 Groesbeck Highway	CIU	413.A.14c (PSES) Electroplating	2019 Data demonstrates facility should be classified as "Not a Source"			

Group #2: Potential Source

1	Potential Source	3M Company	11900 E. 8 Mile Road	SIU		BMP developed to inspect AFFF fire system for leaks, lock-out of discharge valve and revision of SPCC to include Contractor cleanup of any AFFF Releases. S/M data demonstrate no PFAS detected in wastewater	Draft Wastewater discharge permit issued. Includes BMP and SPCC requirements and self-monitoring to demonstrate compliance		Y
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Group #3: Classified - Significant Sources

1	Significant Source	A. G. Simpson (USA), Inc.	6640 Sterling Drive South	CIU	433.A.15(a) (PSES) Metal Finishing	Facility schedule to provide GAC treatment 4/1/2020. 60-day compliance period to follow start-up. Due June 30, 2020	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	GAC on-site, start-up delayed by Covid-19 closure	Y
2	Significant Source	Aevitas Specialty Services Corp.	663 Lycaste Street	CIU	437.B.26 (PSNS) Centralized Waste Treatment	Facility is CWT accepting Oily wastes; Modified 'fingerprinting' protocol to identify PFAS streams	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
3	Significant Source	Arted Chrome Plating Inc.	38 Piquette Street	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Yes, GAC	Y

ATTACHMENT-A-1: LIST OF SOURCES - IDENTIFICATION, CLASSIFICATION & STATUS 2018 THROUGH MAY 2020

Facility Number	Facility Classification	Facility Name	Mailing Address	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	Comment (If Applicable)	BMP Incorporated into Permit?	Treatment Installed or Pending	Progress Assessment
									Y = Progress Observed N = No Progress Observed I = Not Determined
4	Significant Source	A-W Custom Chrome, Inc.	17726 E. 9 Mile Road	CIU	413.A.14(b)(f) (PSES) Electroplating Discharging <10,000 gpd		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
5	Significant Source	Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Yes, GAC	Y
6	Significant Source	Chor Industries Inc.	500 Robbins	CIU	433.A.17a (PSNS) Metal Finishing	Add Min Sampling requirements for S/M	Operating under Compliance Agreement		Y
7	Significant Source	Cintas Corporation - Westland	39145 Webb Drive	SIU		Identified and eliminated garment product(s) w/PFAS materials. Current PFOS result ND	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
8	Significant Source	City of Livonia - Type III Landfill	32500 Glendale Road	SIU	Landfill		Operating under Compliance Agreement		I
9	Significant Source	Clean Earth of Michigan, LLC.	8647 Lyndon	CIU	437.D.47e (PSNS) Centralized Waste Treatment	Facility start-up of treatment system in December 2019. Awaiting 90-day compliance report.	Operating under Compliance Agreement	Yes, GAC (Dec 2019)	Y
10	Significant Source	Color Coat Plating Company	355 W. Girard	CIU	433.A.17a (PSNS) Metal Finishing		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		I
11	Significant Source	Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	GAC treatment installed, but experiencing bleed-through. Modification of operations and maintenance procedures to achieve consistent compliance	Operating under Compliance Agreement	Yes, GAC	Y
12	Significant Source	Detroit Chrome, Inc. DBA DCI Aerotech	7515 Lyndon	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Yes, GAC	Y
13	Significant Source	Detroit Diesel Corporation	13400 W. Outer Drive	SIU			Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
14	Significant Source	Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	SIU		Suspended AFFF training program; Seasonal Discharge Only	Operating under Compliance Agreement		Y

ATTACHMENT-A-1: LIST OF SOURCES - IDENTIFICATION, CLASSIFICATION & STATUS 2018 THROUGH MAY 2020

Facility Number	Facility Classification	Facility Name	Mailing Address	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	Comment (If Applicable)	BMP Incorporated into Permit?	Treatment Installed or Pending	Progress Assessment
									Y = Progress Observed N = No Progress Observed I = Not Determined
15	Significant Source	Domestic Uniform Rental	3800 18th Street	SIU		Identified and eliminated garment product(s) w/PFAs materials.	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		I
16	Significant Source	Envirosolids, LLC	6011 Wyoming Ave.	CIU	437.D.46e (PSES) Centralized Waste Treatment	Awaiting schedule to install Treatment	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Investigating Treatment Alternatives	I
17	Significant Source	EQ Detroit (South) dba US Ecology	1923 Frederick Street	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	GAC System piloted at EQ Detroit (South). Pilot system remains on-site until new treatment system installation is completed. Constrution schedule proposed and under evaluation.	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Partial, Full-scale system being developed.	I
18	Significant Source	US Ecology - Romlus (EQ Resource Recovery Inc.)	36345 Van Born Road	CIU	437.C.35 (PSES) Centralized Waste Treatment	GAC System piloted at EQ Detroit (South). Awaiting schedule to install Treatment; Due late-April 2020	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Compliance agreement under negotiation, schedule for interim GAC system due April 30, 2020	I
19	Significant Source	Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	SIU	Landfill		Operating under Compliance Agreement		I
20	Significant Source	Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	CIU	433.A.15(a) (PSES) Metal Finishing		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
21	Significant Source	G2O Energy, LLC	8750 Grinnell	SIU			Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
22	Significant Source	GST AutoLeather, Inc	31601 Industrial Road	SIU			Facility is relocating, new permit to be issued with PFAS Requirements; Collect additional sample from old site before moving		Y
23	Significant Source	Hajjar Plating Services, Inc.	38300 Van Born Rd.	CIU	413.14 A(b&f) (PSES) Electroplating <10,000 gpd		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Yes, GAC	Y

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Facility Number	Facility Classification	Facility Name	Mailing Address	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	Comment (If Applicable)	BMP Incorporated into Permit?	Treatment Installed or Pending	Progress Assessment
									Y = Progress Observed N = No Progress Observed I = Not Determined
24	Significant Source	Lear Corporation dba Eagle Ottawa	2930 W Auburn Road	CIU	425.D.46 (PSNS) Leather Tanning and Finishing	Awaiting Feb 2020 report from facility	Operating under Compliance Agreement		Y
25	Significant Source	MacDermid, Inc.	1221 Farrow Avenue	CIU	433.A.15a (PSES) Metal Finishing	High release August 2019	Operating under Compliance Agreement	No, Investigating Treatment Alternatives	I
26	Significant Source	Marathon Petroleum Company, LP	1300 S. Fort Street	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	Suspended AFFF training program; Seasonal Discharge Only Replaced MBR cartridges (resulting in drop of PFAS) Investigating stormwater from training site area	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
27	Significant Source	McGean-Rohco, Inc.	38521 Schoolcraft Road	SIU		Evaluating new treatment, may require second compliance agreement	Operating under Compliance Agreement		I
28	Significant Source	Pine Tree Acres, Inc.	36600 29 Mile Road	SIU	Landfill		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		I
29	Significant Source	Racer Trust (Groundwater)	13000 Eckles Road		Groundwater	Reduced volume of wastewater	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	No, Investigating Treatment and capping Alternatives	I
30	Significant Source	Richcoat, L.L.C.	40573 Brentwood	CIU	433.A.17(a) (PSNS) Metal Finishing	Identified and eliminated chemical containing PFAS; Compliance Agreement report in April 2020 6 months of data (Since 10/19) are non-detect	Operating under Compliance Agreement		Y
31	Significant Source	Selfridge Air National Guard Base	127 WG/CE 28890 Selfridge Avenue	SIU		Groundwater treatment system under design w/construction scheduled for FY 2020 Conversion of Coast Guard Hanger to HEF (from AFFF) Containment of fire suppression systems completed in 3 of 7 hangers Upgrade of sanitary sewers to reduce groundwater infiltration (pending federal funding) Maintenance of O/W separator	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Schedule submitted	I

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32	Significant Source	Selfridge Plating, Inc.	42081 Irwin Road	CIU	433.A.17(a) (PSNS) Metal Finishing	Eliminated anodizing and achieved ND	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		Y
33	Significant Source	Signature Metal Finishing, LLC	21733 Dequindre Road	CIU	413.14 (b) and 40CFR 413.14 (f)	Limited production at facility; sporadic discharge	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		I
34	Significant Source	South Macomb Disposal Authority	21290 - 24 Mile Road	SIU	Landfill		Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		I
35	Significant Source	Southeastern Oakland County Resource Recovery Authority	1741 School Rd.	SIU			Operating under Compliance Agreement		I
36	Significant Source	US Ecology Michigan, Inc. (North)	6520 Georgia Street	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	Gac System piloted at EQ Detroit (South). Awaiting schedule to install Treatment; Due late-April 2020 Submitted compliance report of January 2020 report; conclusion is GAC works.	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	TBD, Reviewing work at EQ Detroit	I
37	Significant Source	Usher Oil Company	9000 Roselawn Street	CIU	437.D.46e (PSES) Centralized Waste Treatment	Facility modified "fingerprinting" protocol to identify PFAS streams, Not very effective. Facility needs to do more than screening. Must commit to tangible reduction and elimination approach	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance		I
38	Significant Source	Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	CIU	437.D.46b (PSES) Centralized Waste Treatment	Late 2019: Facility modifying treatment systems and adding additional GAC; Awaiting schedule for work in 2020	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Yes, GAC & Adv. Oxidation	Y
39	Significant Source	Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	SIU	Landfill		Operating under Compliance Agreement		I
40	Significant Source	Waste Management of MI, Inc.-Woodland Meadows North Landfill	4620 Hannan Road	SIU	Landfill		Operating under Compliance Agreement		I

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41	Significant Source	Waste Management of MI, Inc.- Woodland Meadows RDF-Van Buren	5900 Hannan Road	SIU	Landfill		Operating under Compliance Agreement		I
42	Significant Source	Waterford Hills Landfill/MDEQ, RRD	7900 Gale Road	SIU	Landfill	Facility upgraded treatment system w/1 additional GAC vessel and addition of anion resin vessel	Wastewater discharge permit modified to include BMP and self-monitoring requirements to demonstrate compliance	Yes, GAC & Anion Exchange Resin	Y
43	Significant Source	Z Technologies Corporation	26500 Capitol Avenue	CIU	446.16a (PSNS) Paint Formulating	Process changes, PFAs below detection. Awaiting additional sample data before reevaluating	Operating under Compliance Agreement		Y
Group #3: Significant Sources (Xsfer to Oakland County)									
1		561 Collier, Inc (PSB Credit Services, Inc.)	561 Collier Rd.	SIU			Facility transfer to Oakland County - Jan 2020		
2		City of Pontiac	575 Collier Road	SIU			Facility transfer to Oakland County - Jan 2020		
3		Oakland Heights Development, Inc.	2350 Brown Rd	SIU			Facility transfer to Oakland County - Jan 2020		
4		RJL Equity Holdings, LLC	4430 Lapeer Road	SIU			Facility transfer to Oakland County - Jan 2020		
Group #4: Reclassified - Closed Facilities and/or Terminated Discharges									
1	OOB	DCI Aerotech	7501 Lyndon	CIU	433.A.17a (PSNS) Metal Finishing	Fire in 2018 - Scheduled for April 2019. Operations merged w/ Detroit Chrome (See Detroit Chrome)	Permit Cancelled		
2	NO PROCESS DISCHARGE	Ferro Industries Inc.	35200 Union Lake Road		Plastics Molding and Forming Point Source Category, 40 CFR Part 463.26	Reclassified as Not a CIU Based on MDEQ Direction	Permit Cancelled		
3	NO PROCESS DISCHARGE	General Dynamics Land Systems	38500 Mound Road	CIU	433.A.17(a) (PSNS) Metal Finishing	Terminated process discharges 2019	Permit Cancelled		
4	NO PROCESS DISCHARGE	IBC Precision Inc.	2715 Paldan Drive	CIU	433.A.17a (PSNS) Metal Finishing	Terminated process discharges 2019	Permit Cancelled		
5	NO PROCESS DISCHARGE	Metal Improvement Co., LLC-Part of Curtiss-Wright Surface T	14830 23 Mile Road	CIU	433.A.17(a) (PSNS) Metal Finishing	Terminated process discharges 2019	Permit Cancelled		
6	OOB	Troy Laboratories, Inc.	440 South Street	CIU	413.44D(b&f) (PSES) Electroplating <10,000 gpd	OOB	Permit Cancelled		
7	OOB	Curtis Industrial Services, Inc.	9797 Erwin Ave	CIU		OOB	Permit Cancelled		

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8	OOB	RT Holdings of Ohio, LLC	530 S. Rouge Street	CIU	437.B.25 (PSES) Centralized Waste Treatment	OOB	Permit Cancelled		
9	OOB	Controlled Power	1955 Stephenson Highway	CIU	433.A.17a (PSNS) Metal Finishing	OOB	Permit Cancelled		
10	OOB	Selfridge Plating, Inc. - Technologies Division	56851 Gratiot Avenue	CIU	413.A.14(c)(g), 413.D.44(c)(g), 413.E.54(c)(g); (PSES); Electroplating Discharging >10,000 gpd 433.A.17(a) (PSNS) Metal Finishing 433.A.17(a) (PSNS) Metal Finishing	OOB	Permit Cancelled		
Group #5: Classified - Not a Source									
1	Not a Source	Aactron, Inc.	29306 Stephenson Highway	CIU	413.54E(b&f) (PSES) Electroplating <10,000 gpd				
2	Not a Source	ACME Plating, Inc.	18636 Fitzpatrick	CIU	413.14A(b), 413.54E(b) (PSES) Electroplating <10,000 gpd				
3	Not a Source	Aero Box, LLC	20101 Cornillie Drive	SIU					
4	Not a Source	Ajax Metal Processing, Inc	4651 Bellevue Avenue	CIU	413.14A(c&g), 413.54E(c&g) (PSES) Electroplating; 433.17(a) (PSNS) Metal Finishing 414.E.55 (PSES) Organic Chemicals, Plastics, and Synthetic Fibers AND				
5	Not a Source	Alpha Resins, L.L.C.	17350 Ryan Rd	CIU	414.K.111 (PSES & PSNS) Organic Chemicals, Plastics, and Synthetic Fibers				
6	Not a Source	American Beverage Equipment Co., Inc.	27560 Groesbeck Highway	CIU	433.A.15(a) (PSES) Metal Finishing				
7	Not a Source	American Jetway Corp.	3850 Howe	SIU					
8	Not a Source	American Metal Finishing, Inc.	35860 Beattie Drive	SIU					
9	Not a Source	Applied Technology Industries, Inc.	50271 E. Russell Schmidt Drive	CIU	433.A.17a (PSNS) Metal Finishing				
10	Not a Source	Baron Industries	999 East Mandoline	SIU					
11	Not a Source	Black Ox Corporation	35451 Schoolcraft Road	CIU	433.A.17a (PSNS) Metal Finishing				
12	Not a Source	BMT Aerospace	18559 Malyn	CIU	433.A.17a (PSNS) Metal Finishing				
13	Not a Source	Cheiftan Coatings (Burkard Industries, Inc.)	35300 Kelly Rd.	CIU	433.A.17(a) (PSNS) Metal Finishing				

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14	Not a Source	Chemical Process Industries, LLC	25428 John R,	CIU	413.A.14c (PSES) Electroplating AND 433.A.17a (PSNS) Metal Finishing				
15	Not a Source	Chemico Systems, Inc.	50725 Richard West Blvd.	SIU					
16	Not a Source	Cross Chemical Co.	1210 Manufacturers Dr.	SIU					
17	Not a Source	Curtis Metal Finishing Company	6645 Sims Drive	CIU	433.A.17(a) (PSNS) Metal Finishing				
18	Not a Source	Daniels Sharpsmart, Inc.	5770 Hix Road	SIU	NOU				
19	Not a Source	Depor Industries, Inc. (Metal Improvement Co)	14830 23 Mile Rd	CIU	433.A.17(a) (PSNS) Metal Finishing				
20	Not a Source	Depor Industries, Inc. (Troy)	1902 Northwood	CIU	433.A.17a (PSNS) Metal Finishing				
21	Not a Source	Detroit Name Plate Etching Company	10610 Galaxie	CIU	433.A.17a (PSNS) Metal Finishing				
22	Not a Source	Detronic Industries, Inc.	35800 Beattie Drive	CIU	433.A.17a (PSNS) Metal Finishing				
23	Not a Source	Dynamic Metal Finishing	5999 Bewick Street	CIU	433.A.17(a) (PSNS) Metal Finishing				
24	Not a Source	Dynamic Robotic Solutions Inc. (KM	1255 Harmon Rd.	SIU					
25	Not a Source	Electroplating Industries, Inc.	21410 Carlo Drive	CIU	433.A.17(a) (PSNS) Metal Finishing				
26	Not a Source	Elite Fence Products	50925 Richard West Blvd.	CIU	433.A.17(a) (PSNS) Metal Finishing				
27	Not a Source	Emerald Steel Processing	31624 Stephenson Highway	CIU	420.I.95a.1 (PSES) Iron and Steel Manufacturing AND 433.A.15a (PSES) Metal Finishing				
28	Not a Source	EnviroSolids, L.L.C.	6011 Wyoming Ave.	CIU	437.D.46e (PSES) Centralized Waste Treatment				
29	Not a Source	Extrude Hone Corporation - Sterling Heights	6145 Wall St	CIU	433.A.17(a) (PSNS) Metal Finishing				
30	Not a Source	FCA US LLC - Jefferson NOorth Assembly Plant	2101 Conner Avenue	CIU	433.A.17(a) (PSNS) Metal Finishing				
31	Not a Source	FCA US LLC - Sterling Heights Assembly Plant	38111 Van Dyke Avenue	CIU	433.A.17(a) (PSNS) Metal Finishing				
32	Not a Source	FCA US LLC - Warren Truck Assembly Plant	21500 Mound Road	CIU	433.A.15(a) (PSES) Metal Finishing				
33	Not a Source	Ferndale Laboratories, Inc	780 W. 8 Mile Rd	CIU	439.D.46 (PSES) Pharmaceutical Manufacturing				
34	Not a Source	Fitzgerald Finishing L.L.C.	17450 Filer Ave.	CIU	433.A.17a (PSNS) Metal Finishing AND 413.E.54c (PSES) Electroplating				

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35	Not a Source	Ford Motor Company - Dearborn Diversified Mfg. Plant	3001 Miller Road	CIU	433.A.17(a) (PSNS) Metal Finishing				
36	Not a Source	Ford Motor Company - Michigan Assembly Complex	38303 Michigan Avenue	CIU	433.A.15a (PSES) Metal Finishing				
37	Not a Source	Ford Motor Company - New Model Program Development Center	17000 Oakwood Blvd.	CIU	433.A.17a (PSNS) Metal Finishing				
38	Not a Source	Ford Motor Company - Sterling Plant	39000 Mound Road	CIU	433.A.15a (PSES) Metal Finishing				
39	Not a Source	Fox Manufacturing Inc.	12333 Schaefer Rd.	SIU					
40	Not a Source	General Linen and Uniform Service	1016 E. Palmer Street	SIU					
41	Not a Source	General Motors Company	2500 East General Motors Boulevard	CIU	433.A.17a (PSNS) Metal Finishing				
42	Not a Source	General Motors LLC., Orion Assembly	4555 Giddings Road	CIU	433.A.15a (PSES) Metal Finishing				
43	Not a Source	GST AutoLeather, Inc.	31601 Industrial Road	SIU					
44	Not a Source	H & S Inspection Service, Inc.	422 Oliver Dr.	CIU	433.A.17a (PSNS) Metal Finishing				
45	Not a Source	Henkel Corporation	32100 Stephenson Highway	CIU	433.A.15a (PSES) Metal Finishing				
46	Not a Source	Henry Ford Hospital	2799 West Grand Boulevard	SIU					
47	Not a Source	HHI FormTech, LLC	690 W Maple Road	CIU	433.A.15a (PSES) Metal Finishing				
48	Not a Source	Honhart Mid-Nite Black Co.	501 Stephenson Highway	CIU	433.A.15a (PSES) Metal Finishing				
49	Not a Source	IDP Inc.	21300 West Eight Mile Road	CIU	433.A.17a (PSNS) Metal Finishing				
50	Not a Source	IHI Ionbond, L.L.C.	1823 E. Whitcomb Avenue	CIU	433.A.17a (PSNS) Metal Finishing				
51	Not a Source	Industrial Metal Coating	6070 18 Mile Road	CIU	433.A.17a (PSNS) Metal Finishing				
52	Not a Source	Industrial Metal Finishing Company	6070 18 Mile Road	SIU					
53	Not a Source	International Extrusions, Inc.	32800 Industrial Road	CIU	467.C.36c.Cleaning or Etching Ri (PSNS) Aluminum Forming				
54	Not a Source	International Hardcoat Inc.	12400 Burt Road	CIU	433.A.17a (PSNS) Metal Finishing		2018 Data demonstrates facility should be classified as "Not a Source"		
55	Not a Source	JSP International	13889 W. Chicago Rd	SIU					
56	Not a Source	K & F Electronics, Inc.	33041 Groesbeck Hwy	CIU	433.A.17a (PSNS) Metal Finishing				
57	Not a Source	K. C. Jones Plating Co.	321 W. 10 Mile Rd.	CIU	433.A.17a (PSNS) Metal Finishing				
58	Not a Source	Kenwal Steel Co	8223 W. Warren Avenue	CIU	420.I.96b.2 (PSNS) Iron and Steel Manufacturing				

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59	Not a Source	Lear Corporation dba Eagle Ottawa	2930 W Auburn Road	CIU	425.D.46 (PSNS) Leather Tanning and Finishing				
60	Not a Source	McNichols Polishing & Anodizing, Inc.	12139 Woodbine	CIU	413.44 D(b) (PSES) Electroplating <10,000 gpd				
61	Not a Source	Merlin Entertainments - Sea Life Michigan	4316 Baldwin Road	SIU					
62	Not a Source	Miba HydraMechanica Corp.	6515 Cobb Dr.	CIU	433.A.17a (PSNS) Metal Finishing				
63	Not a Source	Microphoto, Inc. - Roseville	30499 Edison Drive	CIU	433.A.17a (PSNS) Metal Finishing				
64	Not a Source	MNP Corporation	44225 Utica Road	CIU	420.I.95a.1 (PSES) Iron and Steel Manufacturing AND 433.A.15a (PSES) Metal Finishing				
65	Not a Source	ND Industries, Inc	1893 Barrett Drive	CIU	Plastics Molding and Forming Point Source Category, 40 CFR Part 463.26				
66	Not a Source	NJT Enterprises, LLC	42400 Merrill Rd.	CIU	Plastics Molding and Forming Point Source Category, 40 CFR Part 463.26				
67	Not a Source	Perfection Industries, Inc.	18571 Weaver Road	CIU	413.A.14(b)(f), 413.E.54(b)(f) (PSES) Electroplating Discharging <10,000 gpd				
68	Not a Source	Plating Specialties, Inc.	1675 E. Ten Mile Road	CIU	413.A.14b (PSES) Electroplating <10,000 gpd				
69	Not a Source	Premier Plating, LLC	32370 Howard	CIU	433.A.17a (PSNS) Metal Finishing				
70	Not a Source	Quaker Chemical Corporation	14301 Birwood Avenue	SIU					
71	Not a Source	Remacon Compressors, Inc.	7939 McGraw Ave.	CIU	413.64F(b&f) (PSES) Electroplating <10,000 gpd				
72	Not a Source	Richter Precision, Inc. - Plant #3	17741 Malyn	CIU	433.A.17a (PSNS) Metal Finishing				
73	Not a Source	Roberts & Son Black Oxide Specialist, Inc.	30665 Edison Drive	CIU	433.A.17a (PSNS) Metal Finishing				
74	Not a Source	SAT Plating, LLC.	1837 Thunderbird Street	CIU	433.A.17a (PSNS) Metal Finishing				
75	Not a Source	SprayTek Inc. - Madison Heights	32451 NOrth Avis Drive	CIU	433.A.17a (PSNS) Metal Finishing				
76	Not a Source	SprayTek, Inc.	2535 Wolcott St.	CIU	433.A.17a (PSNS) Metal Finishing				

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77	Not a Source	Standard Coating (Howard Finishing, LLC)	32565 Dequindre	CIU	433.A.17a (PSNS) Metal Finishing				
78	Not a Source	Sterling Metalfinishig	2500 Meldrum	CIU	413.A.14(b) (PSES) Electroplating Discharging <10,000 gpd				
79	Not a Source	Superior Metal Finishing	3510 E. McNichols	CIU	413.E.54b (PSES) Electroplating <10,000 gpd				
80	Not a Source	Supreme Gear Company	17430 Malyn	CIU	433.A.17a (PSNS) Metal Finishing				
81	Not a Source	Supreme Gear Company - Plating Department	34410 Commerce	CIU	433.A.17a (PSNS) Metal Finishing				
82	Not a Source	The Crown Group Company - Livonia Plant	31774 Enterprise Drive	CIU	433.A.17a (PSNS) Metal Finishing				
83	Not a Source	The Crown Group Company - Lynch Road Plant	6334 Lynch Rd.	CIU	433.A.17a (PSNS) Metal Finishing				
84	Not a Source	The Crown Group Company - Shelby Plant	12020 Shelby Tech Drive	CIU	433.A.17(a) (PSNS) Metal Finishing				
85	Not a Source	U.S. Wheel, Inc. (d/b/a Detroit Wheel and Tire)	1027 E 14 Mile	CIU	433.A.17a (PSNS) Metal Finishing				
86	Not a Source	Unicote Corporation	33165 Groesbeck Highway	CIU	413.E.54(b) (PSES) Electroplating Discharging <10,000 gpd				
87	Not a Source	Unistrut International Corporation	4205 Elizabeth St.	CIU	433.A.17a (PSNS) Metal Finishing and 420.L.126a.1 (PSNS) Iron and Steel Manufacturing				
88	Not a Source	Welders & Presses Inc. (WPI)	27295 LuckiNO Dr	CIU	433.A.17a (PSNS) Metal Finishing				
89	Not a Source	Westside Flame Hardening, Inc.	38200 Executive Dr.	CIU	433.A.17a (PSNS) Metal Finishing				
90	Not a Source	Williams Diversified, Inc.	13170 Merriman Road	CIU	413.14A©, 413.54E© (PSES) Electroplating; 433.17A(a) (PSNS) Metal Finishing				
91	Not a Source	Wolverine Plating Corporation	29456 Groesbeck Highway	CIU	413.A.14c (PSES) Electroplating		2019 Data demonstrates facility should be classified as "Not a Source"		
92	Not a Source	X-Cel Industries, Inc.	21121 Telegraph Road	CIU	433.A.17a (PSNS) Metal Finishing				
93	Not a Source	Maksteel Procesing, LLC (Xcel Steel Pickling)	4343 Wyoming	CIU	420.I.95b.2 (PSES) Iron and Steel Manufacturing				
94	Not a Source	XRI Testing	1961 Thunderbird	CIU	433.A.17a (PSNS) Metal Finishing				

ATTACHMENT 2

Attachment 2: Great Lakes Water Authority - WRRF SAMPLING DATA 2018 THROUGH MAY 2020

	Outfal DRO1		Outfall DRO1 - Duplicate		Jefferson 36%		Oakwood 35%		NIEA 29%		Combined Influent Value	
Sample Collection Date	PFOA	PFOS	PFOA	PFOS	PFOA	PFOS	PFOA	PFOS	PFOA	PFOS	PFOA	PFOS
	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
2018												
4/17/2018	7.5	15	State Sample									
9/14/2018	12	13	12	12								
10/16/2018	9.6	13	9.7	12								
11/1/2018	7.18	9.3	State Sample		4.64	10.7	9.1	15.6	6.02	7.54	6.6012	11.4986
2019												
1/4/2019	7	9.1	6.6	11	36% Jefferson, 35% Oakwood, 29% NIEA							
4/1/2019	9.6	13										
7/1/2019	6.4	5.7	8.6	6.5								
10/7/2019	8.8	30	9.2	34								
11/26/2019	9.1	29	9	33								
2020												
1/9/2020	8.1	30	8.6	28	14	27	7.3	15	4.6	8.6	8.929	17.464
3/4/2020	7.3	10	7.5	10	5.4	18	11	18	7.9	8.5	8.085	15.245
4/7/2020	10	37	9.3	35	4.5	51	9.2	13	6	12	6.58	26.39

PFOS = Perfluorooctanesulfonic acid

PFOA = Perfluorooctanoic acid

ATTACHMENT 3

Attachment 3: SUMMARY OF SAMPLING RESULTS - CY 2018												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC Code(s) or NAICS Code(s)	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
3M Company (SL1)	11900 E. 8 Mile Road	Detroit	Wayne	48205	3291	SIU		15,585	Continuous	8/20/2018	12.4	<9.28
3M Company (SL2)	11901 E. 8 Mile Road	Detroit	Wayne	48205	3291	SIU		15,586	Continuous	8/20/2018	<9.58	<9.28
562 Collier, Inc (PSB Credit Services, Inc.)	561 Collier Rd.	Auburn Hills	Oakland	48326	4953	SIU		32,000.00	Continuous	11/28/2018	200	160
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	10/22/2018	ND	350
Aactron, Inc.	29306 Stephenson Highway	Madison Heights	Oakland	480712317	3471/3479	CIU	413.54E(b&f) (PSES) Electroplating <10,000 gpd	1,015	Continuous	10/16/2018	ND	ND
ACME Plating, Inc.	18636 Fitzpatrick	Detroit	Wayne	48228	3471/3479	CIU	413.14A(b), 413.54E(b) (PSES) Electroplating <10,000 gpd	2,100	Continuous	9/26/2018	ND	ND
Aero Box, LLC	20101 Cornillie Drive	Roseville	Macomb	48066	2653	SIU		125.00	Batch	10/23/2018	40	ND
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	10/15/2018	10	70
Ajax Metal Processing, Inc	4651 Bellevue Avenue	Detroit	Wayne	48207	3471	CIU	413.14A(c&g), 413.54E(c&g) (PSES) Electroplating; 433.17(a) (PSNS) Metal Finishing	193,393	Continuous	9/10/2018	ND	ND
Alpha Resins, L.L.C.	17350 Ryan Rd	Detroit	Wayne	48212	2821	CIU	414.E.55 (PSES) Organic Chemicals, Plastics, and Synthetic Fibers AND 414.K.111 (PSES & PSNS) Organic Chemicals, Plastics, and Synthetic Fibers	25,214	Continuous	10/15/2018	ND	ND
American Beverage Equipment Co., Inc.	27560 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	433.A.15(a) (PSES) Metal Finishing	850.00	Continuous	10/23/2018	ND	ND
American Jetway Corp.	3850 Howe	Wayne	Wayne	48184	2899	SIU		100	Batch	10/15/2018	ND	ND
American Metal Finishing, Inc.	35860 Beattie Drive	Sterling Heights	Macomb	48312	3471	SIU		550.00	Batch	10/23/2018	ND	ND
Applied Technology Industries, Inc.	50271 E. Russell Schmidt Drive	Chesterfield	Macomb	48051	3479	CIU	433.A.17a (PSNS) Metal Finishing	28,193.00	Continuous	10/24/2018	ND	ND
Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	8/8/2018	<1.9	69
A-W Custom Chrome, Inc.	17726 E. 9 Mile Road	East Pointe	Macomb	48021	3471	CIU	413.A.14(b)(f) (PSES) Electroplating Discharging <10,000 gpd	630	Continuous	9/26/2018	ND	180
Baron Industries	999 East Mandoline	Madison Heights	Oakland	48071	3479	SIU		4,500.00	Continuous	10/30/2018	ND	ND
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	10/22/2018	ND	2560
Black Ox Corporation	35451 Schoolcraft Road	Livonia	Wayne	48150	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,000.00	Batch	11/16/2018	ND	ND

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BMT Aerospace	18559 Malyn	Fraser	Macomb	48026	3724	CIU	433.A.17a (PSNS) Metal Finishing	3,040	Continuous	10/10/2018	ND	ND
Burkard Industries, Inc.	35300 Kelly Rd.	Clinton Township	Macomb	48035	3479	CIU	433.A.17(a) (PSNS) Metal Finishing 413.A.14c (PSES)	35,754	Continuous	9/26/2018	ND	ND
Chemical Process Industries, LLC	25428 John R,	Madison Heights	Oakland	48071	3471	CIU	Electroplating AND 433.A.17a (PSNS) Metal Finishing	13,292	Continuous	10/16/2018	ND	ND
Chemico Systems, Inc.	50725 Richard West Blvd.	Chesterfield	Macomb	48051	1799/2899	SIU		5,074.00	Batch	10/25/2018	ND	ND
Chor Industries Inc.	500 Robbins	Troy	Oakland	48083	3479	CIU	433.A.17a (PSNS) Metal Finishing	12,303.00	Continuous	10/30/2018	ND	250
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	9/11/2018	ND	40
City of Livonia - Type III Landfill	32500 Glendale Road	Livonia	Wayne	48150	4953	SIU		16,000	Continuous	10/16/2018	50	100
City of Pontiac	575 Collier Road	Pontiac	Oakland	48340	4953	SIU		97,000	Continuous	10/5/2018	75	15
Color Coat Plating Company	355 W. Girard	Madison Heights	Oakland	48071	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,139	Batch	9/26/2018	ND	230
Controlled Power Company	1955 Stephenson Highway	Troy	Oakland	48083	3479/3612	CIU	433.A.17a (PSNS) Metal Finishing	551.00	Batch	10/30/2018	ND	20
Cross Chemical Co.	1210 Manufacturers Dr.	Westland	Wayne	48186	2843	SIU		6,330	Batch	9/11/2018	ND	ND
Curtis Metal Finishing Company	6645 Sims Drive	Sterling Heights	Macomb	48313	3479	CIU	433.A.17(a) (PSNS) Metal Finishing 442.A.15a (PSES)	245,204.00	Continuous	10/19/2018	ND	ND
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	Transportation Equipment Cleaning	12,950	Batch	9/10/2018	280	140
Daniels Sharpsmart, Inc.	5770 Hix Road	Westland	Wayne	48185		SIU		3,600.00	Continuous	10/19/2018	ND	ND
DCI Aerotech	7501 Lyndon	Detroit	Wayne	48238	3471	CIU	433.A.17a (PSNS) Metal Finishing			9/25/2018	ND	9750
Depor Industries, Inc. (Metal Improvement Co)	14830 23 Mile Rd	Shelby Township	Macomb	48315	3479	CIU	433.A.17(a) (PSNS) Metal Finishing	4,035.00	Continuous	11/2/2018	20	ND
Depor Industries, Inc. (Troy)	1902 Northwood	Troy	Oakland	48084		CIU	433.A.17a (PSNS) Metal Finishing	16,000	Continuous	9/17/2018	ND	ND
Depor Industries, Inc. (Troy)	1902 Northwood	Troy	Oakland	48084		CIU	433.A.17a (PSNS) Metal Finishing 413.14 A(b) (PSES)	16,000	Continuous	10/3/2018	ND	ND
Detroit Chrome Electro Forming Co.	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	Electroplating <10,000 gpd	2,180	Batch	9/25/2018	ND	9750
Detroit Diesel Corporation	13400 W. Outer Drive	Detroit	Wayne	48239-1309	3471	SIU		117,400	Continuous	9/28/2018	5.3	11
Detroit Diesel Corporation	13400 W. Outer Drive	Detroit	Wayne	48239-1310	3472	SIU		102,600	Continuous	9/28/2018	5.7	10
Detroit Name Plate Etching Company	10610 Galaxie	Ferndale	Oakland	48220	3479	CIU	433.A.17a (PSNS) Metal Finishing	2,687	Continuous	10/16/2018	ND	ND
Detronic Industries, Inc.	35800 Beattie Drive	Sterling Heights	wayne	48312	3444/3471/ 3479	CIU	433.A.17a (PSNS) Metal Finishing 437.D.47e (PSNS)	10,970.00	Continuous	10/19/2018	ND	ND
Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	Centralized Waste Treatment	250,300	Continuous	9/11/2018	1790	530
Domestic Background Sample	7 Mile @ Hamilton	Detroit	Wayne	N/A	N/A	N/A		N/A	N/A	11/1/2018	ND	ND
Domestic Uniform Rental	3800 18th Street	Detroit	Wayne	48208	7218	SIU		64,276	Continuous	9/10/2018	20	50
Dynamic Metal Finishing	5999 Bewick Street	Detroit	Wayne	48213	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	3,667	Continuous	9/26/2018	ND	10

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Dynamic Robotic Solutions Inc. (KMT Robotic Solutions Ir	1255 Harmon Rd.	Auburn Hills	Oakland	48326		SIU		2,184	Continuous	10/15/2018	1.7	<1.7
Electroplating Industries, Inc.	21410 Carlo Drive	Clinton Township	Macomb	48038	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	16,193	Batch	9/26/2018	ND	ND
Elite Fence Products	50925 Richard West Blvd.	Chesterfield	Macomb	48051	3479	CIU	433.A.17(a) (PSNS) Metal Finishing	7,686.00	Continuous	10/24/2018	ND	ND
Emerald Steel Processing	31624 Stephenson Highway	Madison Heights	Oakland	48071	3398	CIU	420.I.95a.1 (PSES) Iron and Steel Manufacturing AND 433.A.15a (PSES) Metal Finishing	35,207	Continuous	10/16/2018	ND	ND
EnviroSolids, L.L.C.	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	10/15/2018	70	ND
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	9/11/2018	60	650
Extrude Hone Corporation - Sterling Heights	6145 Wall St	Sterling Heights	Macomb	48312	3479	CIU	433.A.17(a) (PSNS) Metal Finishing	5,868.00	Continuous	10/22/2018	ND	ND
FCA US LLC - Jefferson North Assembly Plant	2101 Conner Avenue	Detroit	Wayne	48215	3711/3479	CIU	433.A.17(a) (PSNS) Metal Finishing	814,000	Continuous	10/15/2018	ND	ND
FCA US LLC - Sterling Heights Assembly Plant	38111 Van Dyke Avenue	Sterling Heights	Macomb	48312	3711/3479	CIU	433.A.17(a) (PSNS) Metal Finishing	520,000.00	Continuous	10/19/2018	ND	ND
FCA US LLC - Warren Truck Assembly Plant	21500 Mound Road	Warren	Macomb	48091	3711/3479	CIU	433.A.15(a) (PSES) Metal Finishing	751,000.00	Batch	10/23/2018	ND	ND
Fitzgerald Finishing L.L.C.	17450 Filer Ave.	Detroit	Wayne	48212-1908	3471/3479	CIU	433.A.17a (PSNS) Metal Finishing AND 413.E.54c (PSES) Electroplating	36,900	Continuous	10/15/2018	ND	ND
Ford Motor Company - Dearborn Diversified Mfg. Plant	3001 Miller Road	Dearborn	Wayne	48121	3714	CIU	433.A.17(a) (PSNS) Metal Finishing	52,000	Continuous	10/16/2018	ND	ND
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	10/15/2018	30	50
Ford Motor Company - Michigan Assembly Complex	38303 Michigan Avenue	Wayne	Wayne	48184	3711	CIU	433.A.15a (PSES) Metal Finishing	800,000.00	Continuous	10/19/2018	ND	ND
Ford Motor Company - New Model Program Development Center	17000 Oakwood Blvd.	Allen Park	Wayne	48101	3711	CIU	433.A.17a (PSNS) Metal Finishing	120,000	Continuous	10/15/2018	ND	10
Ford Motor Company - Sterling Plant	39000 Mound Road	Sterling Heights	Macomb	48310	3465/3479/37//3714	CIU	433.A.15a (PSES) Metal Finishing	400,000.00	Continuous	10/25/2018	ND	ND
Fox Manufacturing Inc.	12333 Schaefer Rd.	Detroit	Wayne	48227	2841	SIU		325.00	Batch	11/14/2018	ND	ND
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU				10/15/2018	ND	10
General Linen and Uniform Service	1016 E. Palmer Street	Detroit	Wayne	48211	7213	SIU		60,567	Continuous	9/10/2018	ND	ND
General Motors Company	2500 East General Motors Boulevard	Detroit	Wayne	48211	3711	CIU	433.A.17a (PSNS) Metal Finishing	488,199	Batch	8/13/2018	ND	ND
General Motors LLC., Orion Assembly	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	293,736.00	Continuous	11/1/2018	ND	30
Grosse Pointe Water Filtration Plant	29 Moross	Grosse Pointe Farms	Wayne	48236						7/17/2018	ND	ND
GST AutoLeather, Inc.	31601 Industrial Road	Livonia	Wayne	48150	3111	SIU		1,700	Continuous	10/16/2018	20	ND

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H & S Inspection Service, Inc.	422 Oliver Dr.	Troy	Wayne	48084	3479	CIU	433.A.17a (PSNS) Metal Finishing	3,379.00	Continuous	10/29/2018	ND	ND
Hajjar Plating Services, Inc.	38300 Van Born Rd.	Wayne	Wayne	48184	3471	CIU	413.14 A(b&f) (PSES) Electroplating <10,000 gpd	1,400	Continuous	8/8/2018	ND	370
Henkel Corporation	32100 Stephenson Highway	Madison Heights	Oakland	48071-1096	2899/3471/3479	CIU	433.A.15a (PSES) Metal Finishing	11,000.00	Continuous	11/1/2018	ND	ND
Henry Ford Hospital	2799 West Grand Boulevard	Detroit	Wayne	48202	8062	SIU		1,240,479	Continuous	8/24/2018	5.62	3.49
HHI FormTech, LLC	690 W Maple Road	Troy	Oakland	48084	3462/3479	CIU	433.A.15a (PSES) Metal Finishing	41,613.00	Continuous	10/29/2018	ND	ND
Honhart Mid-Nite Black Co.	501 Stephenson Highway	Troy	Oakland	48083-1118	3479	CIU	433.A.15a (PSES) Metal Finishing	5,000.00	Continuous	10/29/2018	ND	ND
IDP Inc.	21300 West Eight Mile Road	Southfield	Oakland	48075-5638	3479	CIU	433.A.17a (PSNS) Metal Finishing	722.00	Continuous	10/30/2018	ND	ND
IHI Ionbond, L.L.C.	1823 E. Whitcomb Avenue	Madison Heights	Oakland	48071	3479	CIU	433.A.17a (PSNS) Metal Finishing	9,174.00	Continuous	10/29/2018	ND	ND
Industrial Metal Coating	6070 18 Mile Road	Sterling Heights	macomb	48314	3479	CIU	433.A.17a (PSNS) Metal Finishing	12,766.00	Continuous	10/22/2018	50	ND
Industrial Metal Finishing Company	6070 18 Mile Road	Sterling Heights	Macomb	48314	3471/3632	SIU		4,700.00	Continuous	10/22/2018	ND	ND
International Extrusions, Inc.	32800 Industrial Road	Garden City	Wayne	48135	3354/3471/3479	CIU	467.C.36c.Cleaning or Etching Ri (PSNS) Aluminum Forming	11,072.00	Continuous	10/19/2018	ND	ND
International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	9/11/2018	ND	20
K & F Electronics, Inc.	33041 Groesbeck Hwy	Fraser	Macomb	48026	3672	CIU	433.A.17a (PSNS) Metal Finishing	8,700.00	Continuous	10/23/2018	ND	ND
K. C. Jones Plating Co.	321 W. 10 Mile Rd.	Hazel Park	Oakland	48030-1136	3471	CIU	433.A.17a (PSNS) Metal Finishing	67,400	Continuous	9/26/2018	ND	ND
Lear Corporation dba Eagle Ottawa	2930 W Auburn Road	Rochester Hills	Oakland	48309	3111	CIU	425.D.46 (PSNS) Leather Tanning and Finishing	32,250	Continuous	9/12/2018	ND	10
Lear Corporation dba Eagle Ottawa	2930 W Auburn Road	Rochester Hills	Oakland	48309	3111	CIU	425.D.46 (PSNS) Leather Tanning and Finishing	32,250	Continuous	9/21/2018	43	14
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	8/27/2018	28	840
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MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	8/27/2018	31	1600
Marathon Petroleum Company, LP (FRB)	1328 S. Fort Street	Detroit	Wayne	48245	2911/5199	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,877	Continuous	4/6/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1326 S. Fort Street	Detroit	Wayne	48243	2911/5197	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,875	Continuous	4/9/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1318 S. Fort Street	Detroit	Wayne	48235	2911/5189	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,867	Continuous	4/19/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1320 S. Fort Street	Detroit	Wayne	48237	2911/5191	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,869	Continuous	4/26/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1324 S. Fort Street	Detroit	Wayne	48241	2911/5195	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,873	Continuous	5/2/2018	ND	ND

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Marathon Petroleum Company, LP (FRB)	1322 S. Fort Street	Detroit	Wayne	48239	2911/5193	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,871	Continuous	5/9/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1316 S. Fort Street	Detroit	Wayne	48233	2911/5187	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,865	Continuous	5/16/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1314 S. Fort Street	Detroit	Wayne	48231	2911/5185	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,863	Continuous	5/23/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1308 S. Fort Street	Detroit	Wayne	48225	2911/5179	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,857	Continuous	5/30/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1312 S. Fort Street	Detroit	Wayne	48229	2911/5183	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,861	Continuous	6/13/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1310 S. Fort Street	Detroit	Wayne	48227	2911/5181	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,859	Continuous	6/27/2018	ND	18
Marathon Petroleum Company, LP (FRB)	1306 S. Fort Street	Detroit	Wayne	48223	2911/5177	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,855	Continuous	7/11/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	8/2/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1304 S. Fort Street	Detroit	Wayne	48221	2911/5175	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,853	Continuous	10/8/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1303 S. Fort Street	Detroit	Wayne	48220	2911/5174	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,852	Continuous	11/7/2018	ND	ND
Marathon Petroleum Company, LP (FRB)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	11/7/2018	ND	ND
Marathon Petroleum Company, LP (Outfall)	1329 S. Fort Street	Detroit	Wayne	48246	2911/5200	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,878	Continuous	4/6/2018	20	230
Marathon Petroleum Company, LP (Outfall)	1325 S. Fort Street	Detroit	Wayne	48242	2911/5196	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,874	Continuous	4/9/2018	19	390
Marathon Petroleum Company, LP (Outfall)	1327 S. Fort Street	Detroit	Wayne	48244	2911/5198	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,876	Continuous	4/19/2018	44	480
Marathon Petroleum Company, LP (Outfall)	1319 S. Fort Street	Detroit	Wayne	48236	2911/5190	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,868	Continuous	4/26/2018	63	230
Marathon Petroleum Company, LP (Outfall)	1323 S. Fort Street	Detroit	Wayne	48240	2911/5194	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,872	Continuous	5/2/2018	46	210
Marathon Petroleum Company, LP (Outfall)	1321 S. Fort Street	Detroit	Wayne	48238	2911/5192	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,870	Continuous	5/9/2018	33	250
Marathon Petroleum Company, LP (Outfall)	1317 S. Fort Street	Detroit	Wayne	48234	2911/5188	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,866	Continuous	5/23/2018	54	450

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Marathon Petroleum Company, LP (Outfall)	1315 S. Fort Street	Detroit	Wayne	48232	2911/5186	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,864	Continuous	5/30/2018	76	800
Marathon Petroleum Company, LP (Outfall)	1309 S. Fort Street	Detroit	Wayne	48226	2911/5180	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,858	Continuous	6/13/2018	3.5	70
Marathon Petroleum Company, LP (Outfall)	1313 S. Fort Street	Detroit	Wayne	48230	2911/5184	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,862	Continuous	6/27/2018	30	360
Marathon Petroleum Company, LP (Outfall)	1311 S. Fort Street	Detroit	Wayne	48228	2911/5182	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,860	Continuous	7/11/2018	17	160
Marathon Petroleum Company, LP (Outfall)	1307 S. Fort Street	Detroit	Wayne	48224	2911/5178	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,856	Continuous	8/2/2018	20	170
Marathon Petroleum Company, LP (Outfall)	1301 S. Fort Street	Detroit	Wayne	48218	2911/5172	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,850	Continuous	10/8/2018	23	170
Marathon Petroleum Company, LP (Outfall)	1305 S. Fort Street	Detroit	Wayne	48222	2911/5176	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,854	Continuous	11/7/2018	23	170
Marathon Petroleum Company, LP (Outfall)	1302 S. Fort Street	Detroit	Wayne	48219	2911/5173	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,851	Continuous	11/7/2018	23	170
Marathon Petroleum Company, LP (Outfall)	1301 S. Fort Street	Detroit	Wayne	48218	2911/5172	CIU	419.B.27a Petroleum Refining	1,718,850	Continuous	12/5/2018	34	250
McGean-Rohco, Inc.	38521 Schoolcraft Road	Livonia	Wayne	48150	2842	SIU		4,600	Continuous	9/11/2018	120	310
McNichols Polishing & Anodizing, Inc.	12139 Woodbine	Redford Township	Wayne	48239-2417	3471	CIU	413.44 D(b) (PSES) Electroplating <10,000 gpd	765.00	Continuous	10/31/2018	<5	<10
McNichols Polishing & Anodizing, Inc.	12139 Woodbine	Redford Township	Wayne	48239-2417	3471	CIU	413.44 D(b) (PSES) Electroplating <10,000 gpd	765.00	Continuous	11/29/2018	ND	ND
Merlin Entertainments - Sea Life Michigan	4316 Baldwin Road	Auburn Hills	Oakland	48326	8422	SIU		1,600	Batch	10/3/2018	<1.7	6.4
Miba HydraMechanica Corp.	6515 Cobb Dr.	Sterling Heights	Macomb	48312	3444	CIU	433.A.17a (PSNS) Metal Finishing	1,100.00	Continuous	10/31/2018	ND	ND
Microphoto, Inc. - Roseville	30499 Edison Drive	Roseville	Macomb	48066	3479	CIU	433.A.17a (PSNS) Metal Finishing	2,788.00	Continuous	10/23/2018	ND	ND
MNP Corporation	44225 Utica Road	Sterling Heights	Macomb	48317	3315/3398/3452	CIU	420.I.95a.1 (PSES) Iron and Steel Manufacturing AND 433.A.15a (PSES) Metal Finishing	80,119.00	Continuous	10/25/2018	ND	ND
ND Industries, Inc	1893 Barrett Drive	Troy	Oakland	48084	2891	CIU	Plastics Molding and Forming Point Source Category, 40 CFR Part 463.26	580.00	Continuous	10/30/2018	ND	ND
NJT Enterprises, LLC	42400 Merrill Rd.	Sterling Heights	Macomb	48314	3089	CIU	Plastics Molding and Forming Point Source Category, 40 CFR Part 463.26	11,300.00	Continuous	10/25/2018	ND	ND
Oakland Heights Development, Inc.	2350 Brown Rd	Auburn Hills	Oakland		4953	SIU		30,097	Continuous	9/12/2018	840	700

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Perfection Industries, Inc.	18571 Weaver Road	Detroit	Wayne	48228	3471	CIU	413.A.14(b)(f), 413.E.54(b)(f) (PSES) Electroplating Discharging <10,000 gpd	2,050	Batch	9/12/2018	ND	ND
Pine Tree Acres, Inc.	36600 29 Mile Road	Lenox Township	Macomb	48048	4953	SIU	Landfill	161,215.0	Continuous	11/20/2018	1800	430
Plating Specialties, Inc.	1675 E. Ten Mile Road	Madison Heights	Oakland	48071-4219	3471	CIU	413.A.14b (PSES) Electroplating <10,000 gpd	11,907	Continuous	9/26/2018	ND	10
Premier Plating, LLC	32370 Howard	Madison Heights	Oakland	48071	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,000.00	Batch	10/30/2018	ND	ND
Quaker Chemical Corporation	14301 Birwood Avenue	Detroit	Wayne	48238	2992	SIU		85,850	Continuous	9/11/2018	ND	ND
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Other	Groundwater	726,850	Continuous	5/24/2018	5	86
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Other	Groundwater	726,850	Continuous	5/24/2018	4.5	81
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Other	Groundwater	726,850	Continuous	8/10/2018	5	96
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Other	Groundwater	726,850	Continuous	8/10/2018	5.5	110
Remacon Compressors, Inc.	7939 McGraw Ave.	Detroit	Wayne	48210-2156	3563	CIU	413.64F(b&f) (PSES) Electroplating <10,000 gpd	60.00	Batch	11/2/2018	ND	ND
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	10/22/2018	ND	30
Richter Precision, Inc. - Plant #3	17741 Malyn	Fraser	Macomb	48026	3479	CIU	433.A.17a (PSNS) Metal Finishing	700.00	Continuous	11/16/2018	ND	ND
RJL Equity Holdings, LLC	4430 Lapeer Road	Auburn Hills	Oakland	48326	4953	SIU		6,000.00	Continuous	11/2/2018	ND	20
Roberts & Son Black Oxide Specialist, Inc.	30665 Edison Drive	Roseville	Macomb	48066	3471	CIU	433.A.17a (PSNS) Metal Finishing	3,100.00	Continuous	10/23/2018	ND	ND
SAT Plating, LLC.	1837 Thunderbird Street	Troy	Oakland	48084	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,400	Batch	9/10/2018	ND	ND
Selfridge Air National Guard Base	127 WG/CE 28890 Selfridge Avenue	Selfridge ANGB	Macomb	48045	9999	SIU		153,264	Continuous	5/15/2018	21	240
Selfridge Air National Guard Base	127 WG/CE 28890 Selfridge Avenue	Selfridge ANGB	Macomb	48045	9999	SIU		153,264	Continuous	12/28/2018	65	520
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing 413.A.14(c)(g), 413.D.44(c)(g), 413.E.54(c)(g); (PSES); Electroplating Discharging >10,000 gpd 433.A.17(a) (PSNS) Metal Finishing 413.A.14(c)(g), 413.D.44(c)(g), 413.E.54(c)(g); (PSES); Electroplating Discharging >10,000 gpd 433.A.17(a) (PSNS) Metal Finishing 433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	9/17/2018	ND	30
Selfridge Plating, Inc. - Technologies Division	56851 Gratiot Avenue	Harrison Township - Chesterfield	Macomb	48045-3410	3471	CIU		4,910.00	Continuous	10/31/2018	ND	ND

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South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928.00	Continuous	10/25/2018	30	20
Southeastern Oakland County Resource Recovery Authority	1741 School Rd.	Rochester Hills	Oakland	48309	4953	SIU		37,400.00	Continuous	11/28/2018	30	40
SprayTek Inc. - Madison Heights	32451 North Avis Drive	Madison Heights	Oakland	48071	3479	CIU	433.A.17a (PSNS) Metal Finishing	800.00	Continuous	11/3/2018	ND	ND
SprayTek, Inc.	2535 Wolcott St.	Ferndale	Oakland	48220	3471	CIU	433.A.17a (PSNS) Metal Finishing	236.00	Batch	10/30/2018	10	ND
Standard Coating (Howard Finishing, LLC)	32565 Dequindre	Madison Heights	Oakland	48071-1520	3479	CIU	433.A.17a (PSNS) Metal Finishing	37,000	Continuous	10/23/2018	<1.7	<1.7
Standard Coating (Howard Finishing, LLC)	32565 Dequindre	Madison Heights	Oakland	48071-1520	3479	CIU	433.A.17a (PSNS) Metal Finishing	37,000.00	Continuous	11/3/2018	ND	ND
Superior Metal Finishing	3510 E. McNichols	Detroit	Wayne	48212-1618	3479	CIU	413.E.54b (PSES) Electroplating <10,000 gpd	31,700	Continuous	10/16/2018	ND	ND
Supreme Gear Company	17430 Malyn	Fraser	Macomb	48026	3566	CIU	433.A.17a (PSNS) Metal Finishing	1,450.00	Batch	10/23/2018	ND	ND
Supreme Gear Company - Plating Department	34410 Commerce	Fraser	Macomb	48026	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,500.00	Batch	11/1/2018	ND	ND
The Crown Group Company - Livonia Plant	31774 Enterprise Drive	Livonia	Wayne	48150	3479	CIU	433.A.17a (PSNS) Metal Finishing	80,000	Continuous	10/16/2018	ND	ND
The Crown Group Company - Lynch Road Plant	6334 Lynch Rd.	Detroit	Wayne	48234	3479	CIU	433.A.17a (PSNS) Metal Finishing	9,351	Continuous	10/16/2018	ND	ND
The Crown Group Company - Shelby Plant	12020 Shelby Tech Drive	Shelby Township	Macomb	48315	3479	CIU	433.A.17(a) (PSNS) Metal Finishing	19,300.00	Continuous	10/31/2018	ND	ND
U.S. Wheel, Inc. (d/b/a Detroit Wheel and Tire)	1027 E 14 Mile	Troy	Oakland	48083	3471/3479	CIU	433.A.17a (PSNS) Metal Finishing	2,000.00	Continuous	10/30/2018	ND	ND
Unicote Corporation	33165 Groesbeck Highway	Fraser	Macomb	48026	3479	CIU	413.E.54(b) (PSES) Electroplating Discharging <10,000 gpd	5,980.00	Continuous	10/23/2018	ND	ND
Unistrut International Corporation	4205 Elizabeth St.	Wayne	Wayne	48184	3471	CIU	433.A.17a (PSNS) Metal Finishing and 420.L.126a.1 (PSNS) Iron and Steel Manufacturing	42,964.00	Continuous	10/19/2018	ND	ND
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	10/15/2018	ND	30
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	10/17/2018	130	240
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	9/11/2018	40	120
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	4/18/2018	290	ND (<23ng/l)
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	9/11/2018	470	410
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	12/6/2018	7.9	ND

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Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	12/12/2018	18	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	12/20/2018	83	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	12/26/2018	140	ND
Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	Orion	Oakland	48359	4953	SIU	Landfill	29,537	Continuous	11/20/2018	490	170
Waste Management of MI, Inc.-Woodland Meadows North Landfill	4620 Hannan Road	Wayne	Wayne	48184	4953	SIU	Landfill	14,917	Continuous	11/2/2018	150	57
Waste Management of MI, Inc.-Woodland Meadows RDF-Van Buren	5900 Hannan Road	Wayne	Wayne	48184	4953	SIU	Landfill	36,025	Continuous	11/20/2018	2000	510
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU	Landfill	2,000	Continuous	8/2/2018	680	130
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU	Landfill	2,000	Continuous	9/7/2018	92	92
Welders & Presses Inc. (WPI)	27295 LuckiNO Dr	Chesterfield Township	Macomb	48047	3479	CIU	433.A.17a (PSNS) Metal Finishing	5,000.00	Continuous	10/24/2018	ND	ND
Westside Flame Hardening, Inc.	38200 Executive Dr.	Westland	Wayne	48185	3398/3479	CIU	433.A.17a (PSNS) Metal Finishing	1,000	Continuous	10/15/2018	ND	ND
Williams Diversified, Inc.	13170 Merriman Road	Livonia	Wayne	48150-1816	3471	CIU	413.14A©, 413.54E© (PSES) Electroplating; 433.17A(a) (PSNS) Metal Finishing	55,784	Continuous	10/15/2018	ND	ND
Wolverine Plating Corporation	29456 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	413.A.14c (PSES) Electroplating	114,150	Continuous	9/10/2018	ND	60
X-Cel Industries, Inc.	21121 Telegraph Road	Southfield	Oakland	48033	3479	CIU	433.A.17a (PSNS) Metal Finishing	39,800.00	Continuous	10/30/2018	ND	ND
Xcel Steel Pickling	4343 Wyoming	Dearborn	Wayne	48126	5051	CIU	420.I.95b.2 (PSES) Iron and Steel Manufacturing	39,800	Continuous	10/15/2018	ND	ND
XRI Testing	1961 Thunderbird	Troy	Oakland	48084	8734/3479	CIU	433.A.17a (PSNS) Metal Finishing	9,452.00	Continuous	10/30/2018	ND	ND
Z Technologies Corporation	26500 Capitol Avenue	Redford Township	Wayne	48239-2506	2891	CIU	446.16a (PSNS) Paint Formulating	510	Continuous	10/15/2018	20	60

ATTACHMENT 4

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3M Company (SL1)	11900 E. 8 Mile Road	Detroit	Wayne	48205	3291	SIU		15,585	Continuous	11/20/2019	<10	<10
3M Company (SL2)	11901 E. 8 Mile Road	Detroit	Wayne	48205	3291	SIU		15,586	Continuous	11/20/2019	<10	<10
561 Collier, Inc (PSB Credit Services, Inc.)	561 Collier Rd.	Auburn Hills	Oakland	48326	4953	SIU		32,000.00	Continuous	6/27/2019	250	240
561 Collier, Inc (PSB Credit Services, Inc.)	561 Collier Rd.	Auburn Hills	Oakland	48326	4953	SIU		32,000.00	Continuous	7/22/2019	230	220
561 Collier, Inc (PSB Credit Services, Inc.)	561 Collier Rd.	Auburn Hills	Oakland	48326	4953	SIU		32,000.00	Continuous	9/19/2019	310	190
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	1/11/2019	1.87	58.2
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	6/13/2019	<50	280
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	6/13/2019	7.3	270
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	6/13/2019	<18	300
Advanced Disposal Services Solid Waste Midwest, Inc.	501 Collier Road	Pontiac	Oakland	48326	4953	SIU	Transfer Station	1,250	Batch	3/25/2019	49	170
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	5/7/2019	170	8400
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	5/7/2019	47	2300
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	6/11/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	6/21/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	6/27/2019	<5	45
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	7/3/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	7/10/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	7/17/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	7/24/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	8/2/2019	7.2	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	8/8/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	8/13/2019	<5	<10
Aevitas Specialty Services Corp.	663 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	8/22/2019	<5	<10
Aevitas Specialty Services Corp.	664 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	9/11/2019	2.9	2.3
Aevitas Specialty Services Corp.	665 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	10/4/2019	0	0
Aevitas Specialty Services Corp.	666 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	11/5/2019	3.6	4.4
Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	7/12/2019	ND	ND
Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	8/9/2019	ND	ND
Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	9/13/2019	ND	6.1
Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	10/11/2019	ND	ND

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Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	11/11/2019	ND	ND
A-W Custom Chrome, Inc.	17726 E. 9 Mile Road	East Pointe	Macomb	48021	3471	CIU	413.A.14(b)(f) (PSES) Electroplating Discharging <10,000 gpd	630	Continuous	6/20/2019	<9.5	11
A-W Custom Chrome, Inc.	17726 E. 9 Mile Road	East Pointe	Macomb	48021	3471	CIU	413.A.14(b)(f) (PSES) Electroplating Discharging <10,000 gpd	630	Continuous	7/25/2019	<9.8	<9.8
A-W Custom Chrome, Inc.	17726 E. 9 Mile Road	East Pointe	Macomb	48021	3471	CIU	413.A.14(b)(f) (PSES) Electroplating Discharging <10,000 gpd	630	Continuous	10/9/2019	<9.8	<9.8
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471		413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	2/11/2019	4.3	50000
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	6/7/2019	<9.7	<9.7
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	6/14/2019	<9.5	<9.5
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	6/21/2019	<9.6	<9.6
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	6/28/2019	<9.9	<9.9
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	7/10/2019	<9.6	<9.6
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	7/24/2019	<9.6	18
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	8/13/2019	<9.5	12
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	8/29/2019	<10	<10
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	9/11/2019	<10	<10
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	10/11/2019	<9.9	570
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	10/24/2019	<9.8	1100
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	11/5/2019	<10	26
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	11/21/2019	ND	170

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Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	12/5/2019	ND	31
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	12/19/2019	ND	11
Chor Industries Inc.	500 Robbins	Troy	Oakland	48083	3479	CIU	433.A.17a (PSNS) Metal Finishing	12,303	Continuous	5/6/2019	ND	27
Chor Industries Inc.	500 Robbins	Troy	Oakland	48083	3479	CIU	433.A.17a (PSNS) Metal Finishing	12,303.00	Continuous	6/11/2019	<9.8	<9.8
Chor Industries Inc.	500 Robbins	Troy	Oakland	48083	3479	CIU	433.A.17a (PSNS) Metal Finishing	12,303.00	Continuous	7/31/2019	<9.8	120
Chor Industries Inc.	501 Robbins	Troy	Oakland	48084	3479	CIU	433.A.17a (PSNS) Metal Finishing	12,304.00	Continuous	11/20/2019		<10
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	10/30/2019	<10	<52
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	5/13/2019	36	35
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	4/23/2019	11	ND
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	4/22/2019	11	ND
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	4/19/2019	11	ND
Cintas Corporation - Westland	39145 Webb Drive	Westland	Wayne	48185	7218	SIU		71,183	Continuous	4/17/2019	ND	ND
City of Livonia - Type III Landfill	32500 Glendale Road	Livonia	Wayne	48150	4953	SIU		16,000	Continuous	5/6/2019	26	33
City of Livonia - Type III Landfill	32500 Glendale Road	Livonia	Wayne	48150	4953	SIU		16,000	Continuous	6/6/2019	53	44
City of Livonia - Type III Landfill	32500 Glendale Road	Livonia	Wayne	48150	4953	SIU		16,000	Continuous	8/29/2019	58	81
City of Livonia - Type III Landfill	32500 Glendale Road	Livonia	Wayne	48150	4953	SIU		16,000	Continuous	10/29/2019	50	63
City of Pontiac	575 Collier Road	Pontiac	Oakland	48340	4953	SIU		97,000	Continuous	7/22/2019	58	27
Clean Earth, dba Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	5/9/2019	400	65
Clean Earth, dba Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	5/15/2019	430	110
Clean Earth, dba Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	5/22/2019	300	130
Clean Earth, dba Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	5/29/2019	430	97
Clean Earth, dba Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	6/5/2019	480	250
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	6/12/2019	670	130
Clean Earth, dba Disposal and Recycling Technologies, Inc.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	6/12/2019	330	67
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	6/19/2019	210	75
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	6/26/2019	1400	170
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	7/3/2019	480	52
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	7/9/2019	100	180
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	7/10/2019	360	200
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	7/17/2019	590	110
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	7/24/2019	1400	630
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	7/31/2019	570	91
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	8/8/2019	1300	160

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Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	8/15/2019	32	0
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	9/10/2019	150	33
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	11/6/2019	700	160
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	12/18/2019	420	93
Color Coat Plating Company	355 W. Girard	Madison Heights	Oakland	48071	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,139	Batch	5/6/2019	ND	25
Color Coat Plating Company	355 W. Girard	Madison Heights	Oakland	48071	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,139	Batch	10/11/2019	<9.8	29
Color Coat Plating Company	355 W. Girard	Madison Heights	Oakland	48071	3471	CIU	433.A.17a (PSNS) Metal Finishing	1,139	Batch	10/30/2019	<10	130
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	5/6/2019	210	640
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	6/14/2019	96	11
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	6/19/2019	66	12
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	8/21/2019	250	44
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	9/5/2019	81	36
Dana Container, Inc. Tank Cleaning Division	1551 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	10/17/2019	81	160
Dana Container, Inc. Tank Cleaning Division	1552 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	12/6/2019	71	67
DCI Aerotech (formerly Detroit Chrome Electro Forming Co.)	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	7/3/2019	<9.9	140
DCI Aerotech (formerly Detroit Chrome Electro Forming Co.)	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	7/10/2019	<9.3	80
DCI Aerotech (formerly Detroit Chrome Electro Forming Co.)	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	7/10/2019	<9.6	700
DCI Aerotech (formerly Detroit Chrome Electro Forming Co.)	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	10/31/2019	<9.8	19
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	5/23/2019	ND	ND
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	6/7/2019	ND	ND
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7515 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,180	Batch	6/14/2019	ND	ND
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7516 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,181	Batch	7/3/2019	<9.6	<9.6
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7517 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,182	Batch	7/10/2019	<9.3	80
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7518 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,183	Batch	10/31/2019	10	<10
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7518 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,183	Batch	11/26/2019	<10	<10
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7518 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,183	Batch	12/23/2019	<9.5	<9.5
Detroit Diesel Corporation	13400 W. Outer Drive	Detroit	Wayne	48239-1310	3471	SIU		117,400	Continuous	6/13/2019	9.8	18
Detroit Diesel Corporation	13400 W. Outer Drive	Detroit	Wayne	48239-1310	3471	SIU		117,400	Continuous	6/20/2019	7.4	12
Detroit Diesel Corporation	13400 W. Outer Drive	Detroit	Wayne	48239-1310	3471	SIU		117,400	Continuous	9/20/2019	4.1	11

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Detroit Diesel Corporation	13400 W. Outer Drive	Detroit	Wayne	48239-1310	3471	SIU		117,400	Continuous	10/25/2019	4	10
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48239-1310	4581	SIU		700,000	Continuous	6/20/2019	60	38
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48239-1310	4581	SIU		700,000	Continuous	6/27/2019	59	43
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48239-1310	4581	SIU		700,000	Continuous	7/2/2019	54	64
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48242	4581	SIU		700,000	Continuous	12/4/2019	110	230
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48242	4581	SIU		700,000	Continuous	12/17/2019	170	110
Domestic Uniform Rental	3800 18th Street	Detroit	Wayne	48208	7218	SIU		64,276	Continuous	5/6/2019	13	51
Domestic Uniform Rental	3800 18th Street	Detroit	Wayne	48208	7218	SIU		64,276	Continuous	7/31/2019	84	46
Domestic Uniform Rental	3800 18th Street	Detroit	Wayne	48208	7218	SIU		64,276	Continuous	8/30/2019	28	69
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	6/4/2019	160	57
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	6/11/2019	320	120
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	6/11/2019	150	54
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	6/18/2019	140	50
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	6/24/2019	160	54
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	7/3/2019	210	67
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	7/11/2019	190	51
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	7/19/2019	160	71
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	7/26/2019	220	40
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	8/2/2019	150	54
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	8/22/2019	150	40
Envirosolids, LLC	6011 Wyoming Ave.	Dearborn	Wayne	48126	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,123	Batch	9/4/2019	140	47
Envirosolids, LLC	6012 Wyoming Ave.	Dearborn	Wayne	48127	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,124	Batch	10/2/2019	140	44
Envirosolids, LLC	6013 Wyoming Ave.	Dearborn	Wayne	48128	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,125	Batch	11/1/2019	210	58
Envirosolids, LLC	6014 Wyoming Ave.	Dearborn	Wayne	48129	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,126	Batch	12/10/2019	310	49
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	5/7/2019	330	200
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	6/7/2019	180	92

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EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	6/14/2019	20	110
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	6/21/2019	53	83
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	6/27/2019	140	86
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	7/2/2019	91	200
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	7/15/2019	310	220
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	7/19/2019	29	28
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	7/26/2019	47	40
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	8/2/2019	53	150
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	8/6/2019	180	61
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	8/16/2019	13	140
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	8/23/2019	80	480
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	9/6/2019	2200	53000
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	9/20/2019	73	470
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	9/27/2019	26	790

Attachment 4: SUMMARY OF SAMPLING RESULTS - CY 2019												
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EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	10/18/2019	260	83
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	10/25/2019	29	300
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,702	Batch	11/1/2019	190	560
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,703	Batch	11/8/2019	220	1000
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,704	Batch	11/12/2019	140	280
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,705	Batch	11/19/2019	360	240
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,706	Batch	11/27/2019	210	230
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,707	Batch	12/6/2019	260	200
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,708	Batch	12/13/2019	240	120
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,709	Batch	12/20/2019	180	120
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	12/27/2019	240	150
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/3/2019	42	250
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/10/2019	79	80
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/18/2019	110	100
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/24/2019	240	310
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/31/2019	120	130
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	6/7/2019	110	65

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US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	6/12/2019	66	42
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	6/17/2019	100	67
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	6/28/2019	37	28
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	7/2/2019	30	31
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	7/10/2019	55	46
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	7/18/2019	210	40
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	7/26/2019	29	26
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	7/30/2019	170	390
US Ecology, Romulus (EQ Resource Recovery Inc.)	36345 Van Born Road	Romulus	Wayne	48174-4057	4953/5093	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	8/13/2019	130	62
US Ecology, Romulus (EQ Resource Recovery Inc.)	36346 Van Born Road	Romulus	Wayne	48174-4058	4953/5094	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	9/30/2019	22	52
US Ecology, Romulus (EQ Resource Recovery Inc.)	36347 Van Born Road	Romulus	Wayne	48174-4059	4953/5095	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	10/7/2019	62	33
US Ecology, Romulus (EQ Resource Recovery Inc.)	36348 Van Born Road	Romulus	Wayne	48174-4060	4953/5096	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	11/27/2019	28	20
US Ecology, Romulus (EQ Resource Recovery Inc.)	36349 Van Born Road	Romulus	Wayne	48174-4061	4953/5097	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	12/5/2019	54	63
US Ecology, Romulus (EQ Resource Recovery Inc.) sl2	36349 Van Born Road	Romulus	Wayne	48174-4061	4953/5097	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/24/2019	180	340
US Ecology, Romulus (EQ Resource Recovery Inc.) sl2	36349 Van Born Road	Romulus	Wayne	48174-4061	4953/5097	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/28/2019	170	350
US Ecology, Romulus (EQ Resource Recovery Inc.) sl2	36349 Van Born Road	Romulus	Wayne	48174-4061	4953/5097	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	11/27/2019	170	220
US Ecology, Romulus (EQ Resource Recovery Inc.) sl3	36349 Van Born Road	Romulus	Wayne	48174-4061	4953/5097	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	5/29/2019	66	24
US Ecology, Romulus (EQ Resource Recovery Inc.) sl3	36349 Van Born Road	Romulus	Wayne	48174-4061	4953/5097	CIU	437.C.35 (PSES) Centralized Waste Treatment	129,358	Continuous	6/7/2019	97	37
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	2/20/2019	50	160
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	3/27/2019	34	150
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	5/6/2019	ND	ND
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	9/11/2019	38	99
Ford Motor Company - Allen Park Clay Mine Landfill (SL#4)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	49	260
Ford Motor Company - Allen Park Clay Mine Landfill (Cell 1)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	3.5	6.1
Ford Motor Company - Allen Park Clay Mine Landfill (Cell 2)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	110	120
Ford Motor Company - Allen Park Clay Mine Landfill (Cell 3)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	30	34
Ford Motor Company - Allen Park Clay Mine Landfill (Tr_Wash)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	32	94
Ford Motor Company - Allen Park Clay Mine Landfill (Cell 4A)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	1100	12000

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Ford Motor Company - Allen Park Clay Mine Landfill (MH #8)	17005 Oakwood Blvd.	Allen Park	Wayne	MI	48101	SIU		35,020	Continuous	12/4/2019	300	430
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/ 3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	2/4/2019	2.8	2.5
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/ 3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	2/4/2019	1.7	1.7
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/ 3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	5/7/2019	27	230
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/ 3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	6/4/2019	4.2	3.2
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/ 3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	8/12/2019	<9.8	22
Ford Motor Company - Dearborn Truck Plant	3001 Miller Road	Dearborn	Wayne	48121	3711/3479/ 3465/3714	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	8/19/2019	13	16
Ford Motor Company - Dearborn Truck Plant	3002 Miller Road	Dearborn	Wayne	48122	3711/3479/ 3465/3715	CIU	433.A.15(a) (PSES) Metal Finishing	534,878	Batch	12/10/2019	4.9	2.2
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	9/8/2019	2.6	23
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	10/23/2019	3.2	14
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	10/29/2019	<10	<10
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	5/3/2019	9.2	<10
General Motors LLC., Orion Assembly (SL1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/9/2019	ND	ND
General Motors LLC., Orion Assembly (SL1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/10/2019	ND	ND
General Motors LLC., Orion Assembly (SL1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/11/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/12/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/13/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/14/2019	ND	ND
General Motors LLC., Orion Assembly (SL1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/30/2019	ND	ND
General Motors LLC., Orion Assembly (SL1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	1/31/2019	ND	ND
General Motors LLC., Orion Assembly (SL1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	2/1/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	2/2/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	2/3/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	#####	Continuous	2/4/2019	ND	ND
General Motors LLC., Orion Assembly (SL 2)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	293,736	Continuous	4/29/2019	ND	ND
General Motors LLC., Orion Assembly (SL 1)	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	433.A.15a (PSES) Metal Finishing	293,736	Continuous	5/7/2019	ND	ND
GST AutoLeather, Inc	31601 Industrial Road	Livonia	Wayne	48150	3111	SIU		1,700	Continuous	6/27/2019	<10	15
GST AutoLeather, Inc.	31602 Industrial Road	Livonia	Wayne	48150	3111	SIU		1,700	Continuous	12/17/2019	<10	23
GST AutoLeather, Inc	31601 Industrial Road	Livonia	Wayne	48150	3111	SIU		1,700	Continuous	5/1/2019	15	<9.8
GST AutoLeather, Inc.	31601 Industrial Road	Livonia	Wayne	48150	3111	SIU		1,700	Continuous	5/20/2019	16	<9.8
GST AutoLeather, Inc.	31601 Industrial Road	Livonia	Wayne	48150	3111	SIU		1,700	Continuous	5/29/2019	15	<9.8
Hajjar Plating Services, Inc.	38300 Van Born Rd.	Wayne	Wayne	48184	3471	CIU	413.14 A(b&f) (PSES) Electroplating <10,000 gpd	1,400	Continuous	6/7/2019	ND	ND
Hajjar Plating Services, Inc.	38300 Van Born Rd.	Wayne	Wayne	48184	3471	CIU	413.14 A(b&f) (PSES) Electroplating <10,000 gpd	1,400	Continuous	9/3/2019	ND	2.2
Hajjar Plating Services, Inc.	38300 Van Born Rd.	Wayne	Wayne	48184	3471	CIU	413.14 A(b&f) (PSES) Electroplating <10,000 gpd	1,400	Continuous	10/21/2019	ND	ND
International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	6/11/2019	<19	6.9
International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	7/15/2019	<19	7
International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	3/8/2019	<40	3.2
International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	4/1/2019	7.4	5.2
International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	5/13/2019	1.21	4

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International Hardcoat Inc.	12400 Burt Road	Detroit	Wayne	48228	3471	CIU	433.A.17a (PSNS) Metal Finishing	60,000	Continuous	5/20/2019	<10	87
Lear Corporation dba Eagle Ottawa	2930 W Auburn Road	Rochester Hills	Oakland	48309		CIU	425.D.46 (PSNS) Leather Tanning and Finishing	32,250	Continuous	7/30/2019	<10	<10
Lear Corporation dba Eagle Ottawa	2930 W Auburn Road	Rochester Hills	Oakland	48309		CIU	425.D.46 (PSNS) Leather Tanning and Finishing	32,250	Continuous	10/9/2019	18	<1.8
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	5/15/2019	0	2400
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	5/22/2019	0	130000
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	9/4/2019	0	3000
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	12/11/2019	58	3400
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	5/7/2019	ND	7700
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	5/16/2019	74	24000
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	5/16/2019	ND	58000
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	5/29/2019	ND	290,000.00
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	6/20/2019	490	8200
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	7/18/2019	38	2500
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	8/20/2019	520	#####
MacDermid, Inc.	1221 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	9/4/2019	34	1300
MacDermid, Inc.	1222 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	10/8/2019	67	250
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	11/20/2019	0	660
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	1/2/2019	12	140
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	1/2/2019	10	140
Marathon Petroleum Company, LP (FRB)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	1/2/2019	ND	ND
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	2/5/2019	9.2	100
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	2/5/2019	7.9	100
Marathon Petroleum Company, LP (FRB)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	2/5/2019	ND	ND
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	3/11/2019	ND	95
Marathon Petroleum Company, LP (FRB)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	3/11/2019	ND	ND
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	4/3/2019	4.8	180
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	5/7/2019	13	220
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	5/22/2019	35	380
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	6/6/2019	12	320
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	7/9/2019	17	140
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	7/9/2019	18	150
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	8/8/2019	18	150
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	8/8/2019	10	710
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	9/13/2019	24	94

Attachment 4: SUMMARY OF SAMPLING RESULTS - CY 2019												
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Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	10/22/2019	7.7	190
Marathon Petroleum Company, LP (Outfall)	1300 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	11/6/2019	13	24
Marathon Petroleum Company, LP (Outfall)	1301 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	12/4/2019	18	16
McGean-Rohco, Inc.	38521 Schoolcraft Road	Livonia	Wayne	48150	2842	SIU		4,600	Continuous	4/4/2019	ND	1100
McGean-Rohco, Inc.	38521 Schoolcraft Road	Livonia	Wayne	48150	2842	SIU		4,600	Continuous	5/20/2019	ND	52
McGean-Rohco, Inc.	38521 Schoolcraft Road	Livonia	Wayne	48150	2842	SIU		4,600	Continuous	6/27/2019	90	52
McGean-Rohco, Inc.	38521 Schoolcraft Road	Livonia	Wayne	48150	2842	SIU		4,600	Continuous	9/10/2019	24	1100
McGean-Rohco, Inc.	38521 Schoolcraft Road	Livonia	Wayne	48150	2842	SIU		4,600	Continuous	9/12/2019	43	980
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	1/18/2019	29	14
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	1/18/2019	13	31
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	2/5/2019	<4.3	<1.7
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	2/5/2019	<4.5	<1.8
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	2/20/2019	<4.0	7.4
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	3/8/2019	<4.5	<1.8
MDOT - Parcel 5348	330/340 Livernois	Detroit	Wayne	48209	N/A	Groundwater		#####	Continuous	3/15/2019	<4.0	6.3
Oakland Heights Development, Inc.	2350 Brown Rd	Auburn Hills	Oakland		4953	SIU		30,097	Continuous	7/11/2019	310	74
Pine Tree Acres, Inc.	36600 29 Mile Road	Lenox Township	Macomb	48048	4953	SIU		161,215.0	Continuous	9/3/2019	1200	290
Pine Tree Acres, Inc.	36600 29 Mile Road	Lenox Township	Macomb	48048	4953	SIU		161,215.0	Continuous	11/5/2019	2500	720
Pine Tree Acres, Inc.	36600 29 Mile Road	Lenox Township	Macomb	48048	4953	SIU		161,215.0	Continuous	5/16/2019	1400	320
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	5/8/2019	4.2	86
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	5/23/2019	5.2	100
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	5/23/2019	1.9	1.9
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	5/29/2019	4.9	89
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	6/5/2019	4	100
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	6/13/2019	3.9	91
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	1/18/2019	ND	ND
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	2/18/2019	ND	ND
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	4/9/2019	ND	20
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	5/14/2019	19	<9.4
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	5/15/2019	ND	17
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	6/4/2019	<8.8	17
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	7/26/2019	<9.3	17
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	8/23/2019	<10	16
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	9/13/2019	<8.9	21
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	10/18/2019	<9.8	<9.8

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Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	11/15/2019	<10	<10
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	12/12/2019	<9.6	<9.6
Selfridge Air National Guard Base	127 WG/CE 28890 Selfridge Avenue	Selfridge ANGB	Macomb	48045	9999	SIU		153,264	Continuous	7/16/2019	35	3500
Selfridge Air National Guard Base	127 WG/CE 28890 Selfridge Avenue	Selfridge ANGB	Macomb	48045	9999	SIU		153,264	Continuous	7/29/2019	33	1200
Selfridge Air National Guard Base	127 WG/CE 28890 Selfridge Avenue	Selfridge ANGB	Macomb	48045	9999	SIU		153,264	Continuous	11/19/2019	17	540
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	4/30/2019	ND	13
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	5/9/2019	<9.5	<9.5
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	7/11/2019	<9.4	17
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	9/10/2019	<9.5	<9.5
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	11/6/2019	<10	<10
Signature Metal Finishing, LLC	21733 Dequindre Road				3471	CIU	413.14 (b) and 40CFR 413.14 (f)	840 gpd	Batch	10/29/2019	ND	94
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	3/4/2019	23	16
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	4/30/2019	33	32
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	5/28/2019	50	43
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	8/21/2019	55	47
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	10/17/2019	61	44
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	5/28/2019	56	77
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	10/17/2019	46	54
Southeastern Oakland County Resource Recovery Authority (Leachate NW)	1742 School Rd.	Rochester Hills	Oakland	48310	4954	SIU		37,401.00	Continuous	11/6/2019	46	100
Southeastern Oakland County Resource Recovery Authority (Leachate NE)	1744 School Rd.	Rochester Hills	Oakland	48312	4956	SIU		37,403.00	Continuous	11/6/2019	47	98
Southeastern Oakland County Resource Recovery Authority (Groundwater SW)	1746 School Rd.	Rochester Hills	Oakland	48314	4958	SIU		37,405.00	Continuous	11/6/2019	39	110
Southeastern Oakland County Resource Recovery Authority (Outfall)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	11/6/2019	48	96
Southeastern Oakland County Resource Recovery Authority (Leachate NW)	1743 School Rd.	Rochester Hills	Oakland	48311	4955	SIU		37,402.00	Continuous	12/10/2019	39	91
Southeastern Oakland County Resource Recovery Authority (Leachate NE)	1745 School Rd.	Rochester Hills	Oakland	48313	4957	SIU		37,404.00	Continuous	12/10/2019	33	52
Southeastern Oakland County Resource Recovery Authority (Groundwater SW)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	12/10/2019	36	92
Southeastern Oakland County Resource Recovery Authority (Leachate NW)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	12/10/2019	39	91
Southeastern Oakland County Resource Recovery Authority (Leachate NE)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	12/10/2019	33	20
Southeastern Oakland County Resource Recovery Authority (Outfall)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	12/10/2019	32	62
Southeastern Oakland County Resource Recovery Authority (Outfall)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	5/16/2019	37	120
Southeastern Oakland County Resource Recovery Authority (Outfall)	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	7/11/2019	37	180
Sterling Metal Finishing	2500 Meldrum	Detroit	Wayne	48207	3471	CIU	413.A.14(b) (PSES) Electroplating Discharging <10,000 gpd	1,175	Continuous	3/27/2019	ND	ND

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US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	5/1/2019	22	140
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	5/8/2019	95	170
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	5/8/2019	110	190
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	5/14/2019	53	69
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	5/24/2019	140	530
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	5/29/2019	70	220
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	6/14/2019	34	180
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	6/19/2019	9.3	26
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	6/27/2019	6.4	20
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	7/3/2019	7.9	160
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	7/10/2019	11	24
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	7/17/2019	7.3	23
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	7/26/2019	13	330
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	7/30/2019	9	28
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	8/16/2019	25	280
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	10/3/2019	59	230
US Ecology Michigan, Inc.	6520 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	11/1/2019	46	85
US Ecology Michigan, Inc.	6521 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	12/6/2019	120	790
US Ecology Michigan, Inc.	6521 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	9/6/2019	8.6	23
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	5/6/2019	66	160
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	5/31/2019	28	34
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	6/24/2019	57	59
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	6/25/2019	41	130
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	6/26/2019	30	85
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	7/19/2019	63	170
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	7/24/2019	37	73
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	7/26/2019	60	72
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	7/29/2019	29	16

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Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	8/21/2019	29	0
Usher Oil Company	9000 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	9/5/2019	0	13
Usher Oil Company	9001 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	11/15/2019	53	1300
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	12/6/2019	78	970
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	10/17/2019	170	11000
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	12/26/2019	44	300
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	12/26/2019	330	770
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	1/26/2019	1200	230
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	1/10/2019	140	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	1/15/2019	56	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	1/25/2019	53	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	2/7/2019	7.4	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	2/15/2019	190	27
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	2/28/2019	180	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	3/8/2019	76	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	3/15/2019	240	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	3/22/2019	300	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	3/27/2019	110	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	4/5/2019	200	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	4/9/2019	110	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	4/18/2019	290	ND

Attachment 4: SUMMARY OF SAMPLING RESULTS - CY 2019												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC Code(s) or NAICS Code(s)	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	4/19/2019	9.2	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	4/24/2019	19	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	5/1/2019	56	ND
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	5/9/2019	180	14
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	5/15/2019	160	11
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	5/21/2019	240	24
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	6/5/2019	180	13
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	6/13/2019	45	13
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	6/19/2019	160	31
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	7/16/2019	740	130
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27140 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,551	Batch	7/30/2019	64	<10
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27141 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,552	Batch	8/7/2019	190	20
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27142 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,553	Batch	8/28/2019	<0.002	<0.002
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27143 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,554	Batch	9/16/2019	160	31
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27144 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,555	Batch	9/23/2019	2	3.6
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27145 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,556	Batch	10/22/2019	140	13
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27146 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,557	Batch	10/28/2019	1700	480
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27147 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,558	Batch	11/4/2019	1600	160

Attachment 4: SUMMARY OF SAMPLING RESULTS - CY 2019												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC Code(s) or NAICS Code(s)	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27148 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,559	Batch	11/27/2019	360	<2
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27149 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,560	Batch	12/10/2019	270	68
Valicor (formerly Strength Environmental/Advanced Resource Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	12/30/2019	36	4.6
Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	Orion	Oakland	48359	4953	SIU		29,537	Continuous	4/29/2019	680	190
Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	Orion	Oakland	48359	4953	SIU		29,537	Continuous	9/3/2019	610	110
Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	Orion	Oakland	48359	4953	SIU		29,537	Continuous	10/25/2019	860	110
Waste Management of MI, Inc.-Woodland Meadows North Landfill	4620 Hannan Road	Wayne	Wayne	48184	4953	SIU		14,917	Continuous	9/5/2019	730	390
Waste Management of MI, Inc.-Woodland Meadows North Landfill	4621 Hannan Road	Wayne	Wayne	48184	4953	SIU		14,917	Continuous	12/9/2019	590	200
Waste Management of MI, Inc.-Woodland Meadows RDF-Van Buren	5900 Hannan Road	Wayne	Wayne	48184	4953	SIU		36,025	Continuous	9/5/2019	2200	630
Waste Management of MI, Inc.-Woodland Meadows RDF-Van Buren	5901 Hannan Road	Wayne	Wayne	48184	4953	SIU		36,025	Continuous	12/9/2019	3000	1100
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	4/29/2019	58	12
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	6/12/2019	190	<9.8
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	7/5/2019	190	<9.6
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	7/12/2019	160	<9.3
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	7/16/2019	190	<9.4
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	7/24/2019	160	<9.4
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	7/31/2019	150	<9.4
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	8/13/2019	170	<9.4
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	8/21/2019	180	<9
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	8/27/2019	190	<9.6
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	9/4/2019	200	<9.5
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	9/11/2019	200	<9.4
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	9/17/2019	190	<9.5
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	9/24/2019	260	<9.8
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	10/1/2019	280	<9.2
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	10/8/2019	150	<9.4
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	10/16/2019	340	<9.8
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	10/22/2019	340	<9.6
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	11/19/2019	130	<9.8
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	11/19/2019	120	53
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	11/19/2019	110	41
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	11/19/2019	99	430
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	12/17/2019	160	<9.3
Wolverine Plating Corporation	29456 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	413.A.14c (PSES) Electroplating	114,150	Continuous	6/20/2019	0	0
Wolverine Plating Corporation	29456 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	413.A.14c (PSES) Electroplating	114,150	Continuous	7/31/2019	5.1	4.6
Wolverine Plating Corporation	29456 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	413.A.14c (PSES) Electroplating	114,150	Continuous	8/30/2019	2	0
Wolverine Plating Corporation	29456 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	413.A.14c (PSES) Electroplating	114,150	Continuous	9/12/2019	0	0

Attachment 4: SUMMARY OF SAMPLING RESULTS - CY 2019												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC Code(s) or NAICS Code(s)	Industrial User Type (SIU/CIU)	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
Z Technologies Corporation	26500 Capitol Avenue	Redford Township	Wayne	48239-2506	2891	CIU	446.16a (PSNS) Paint Formulating	510	Continuous	5/6/2019	57	120
Z Technologies Corporation	26500 Capitol Avenue	Redford Township	Wayne	48239-2506	2891	CIU	446.16a (PSNS) Paint Formulating	510	Continuous	7/17/2019	<10	<5
Z Technologies Corporation	26500 Capitol Avenue	Redford Township	Wayne	48239-2506	2891	CIU	446.16a (PSNS) Paint Formulating	510	Continuous	8/7/2019	<10	<5

ATTACHMENT 5

Attachment 5: SUMMARY OF SAMPLING RESULTS - THRU MAY 2020												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC	Industrial User	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
					Code(s) or NAICS Code(s)							
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	1/8/2020	2.4	430
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	3/3/2020	<1.8	840
A. G. Simpson (USA), Inc.	6640 Sterling Drive South	Sterling Heights	Macomb	48312	3471/3479	CIU	433.A.15(a) (PSES) Metal Finishing	31,000.00	Continuous	3/17/2020	ND	1400
Aactron, Inc.	29306 Stephenson Highway	Madison Heights	Oakland	480712317	3471/3479	CIU	413.54E(b&f) (PSES) Electroplating <10,000 gpd	1,015	Continuous	3/10/2020	ND	ND
Aevitas Specialty Services Corp.	666 Lycaste Street	Detroit	Wayne	48214	5093	CIU	437.B.26 (PSNS) Centralized Waste Treatment	53,000	Batch	3/3/2020	ND	48
Arted Chrome Plating Inc.	38 Piquette Street	Detroit	Wayne	48202	3471	CIU	413.14 A(d) (PSES) Electroplating <10,000 gpd	6,124	Continuous	3/17/2020	ND	ND
A-W Custom Chrome, Inc.	17726 E. 9 Mile Road	East Pointe	Macomb	48021	3471	CIU	413.A.14(b)(f) (PSES) Electroplating Discharging <10,000 gpd	630	Continuous	1/15/2020	<10	<10
Baron Industries	999 East Mandoline	Madison Heights	Oakland	48071	3479	SIU	SIU	4,500.00	Continuous	3/17/2020	ND	ND
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	1/16/2020	ND	ND
Beacon Park Finishing, LLC (Howard Finishing Roseville)	15765 Sturgeon	Roseville	Macomb	48066	3471	CIU	413.A.14(c)(g), 413.E.54(c)(g) (PSES) Electroplating Discharging >10,000 gpd	71,900.00	Continuous	2/27/2020	ND	41
Cheiftan Coating (formerly Burkard Industries)	35300 Kelly Rd.	Clinton Township	Macomb	48035	3479	CIU	433.A.17a (PSNS) Metal Finishing	60,000.00	Continuous	3/19/2020	ND	11
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	1/15/2020	<2	4
Clean Earth of Michigan, LLC.	8647 Lyndon	Detroit	Wayne	48238	4953	CIU	437.D.47e (PSNS) Centralized Waste Treatment	250,300	Continuous	3/10/2020	ND	ND
Dana Container, Inc. Tank Cleaning Division	1552 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	1/31/2020	33	22
Dana Container, Inc. Tank Cleaning Division	1552 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	3/2/2020	42	62
Dana Container, Inc. Tank Cleaning Division	1552 Caniff Street	Detroit	Wayne	48211	7999	CIU	442.A.15a (PSES) Transportation Equipment Cleaning	12,950	Batch	3/9/2020	ND	ND
Detroit Chrome Electro Forming Co., dba DCI Aerotech	7518 Lyndon	Detroit	Wayne	48238	3471	CIU	413.14 A(b) (PSES) Electroplating <10,000 gpd	2,183	Batch	3/11/2020	ND	ND
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48242	4581	SIU		700,000	Continuous	1/2/2020	90	69
Detroit Metropolitan Wayne County Airport	One L. C. Smith Terminal - Mezzanine	Detroit	Wayne	48242	4581	SIU		700,000	Continuous	1/21/2020	62	45
Domestic Background Sample	Site 5									1/9/2020	ND	ND
Domestic Background Sample	Site 6									1/9/2020	ND	ND
Domestic Background Sample	Site 7									1/9/2020	ND	ND
Domestic Background Sample	Site 5									3/4/2020	ND	ND
Domestic Background Sample	Site 6									3/4/2020	ND	ND

Attachment 5: SUMMARY OF SAMPLING RESULTS - THRU MAY 2020												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC	Industrial User	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
					Code(s) or NAICS Code(s)							
Domestic Background Sample	Site 7									3/4/2020	ND	ND
Domestic Uniform Rental	3800 18th Street	Detroit	Wayne	48208	7218	SIU		64,276	Continuous	3/16/2020	26	33
Dynamic Metal Finishing	5999 Bewick Street	Detroit	Wayne	48213	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	3,667	Continuous	3/2/2020	ND	ND
Envirosolids, LLC	6014 Wyoming Ave.	Dearborn	Wayne	48129	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,126	Batch	1/3/2020	360	50
Envirosolids, LLC	6014 Wyoming Ave.	Dearborn	Wayne	48129	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,126	Batch	2/14/2020	350	48
Envirosolids, LLC	6014 Wyoming Ave.	Dearborn	Wayne	48129	4953	CIU	437.D.46e (PSES) Centralized Waste Treatment	66,126	Batch	3/6/2020	380	170
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	01/03/20	510	430
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	01/10/20	350	260
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	01/15/20	350	260
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	01/24/20	110	210
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	01/31/20	240	330
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	02/07/20	220	150
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	02/12/20	600	3000
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	02/18/20	240	280

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Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC	Industrial User	For CIUs, list all applicable	IU Flow to	Continuous	Sample	PFOA result	PFOS result	
					Code(s) or								Categories by 40 CFR Part
					NAICS	Type (SIU/CIU)	Number(s)		discharger?				
					Code(s)								
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	02/25/20	120	220	
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	03/03/20	240	210	
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	03/06/20	220	430	
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	03/06/20	250	1600	
EQ Detroit dba US Ecology	1923 Frederick Street	Detroit	Wayne	48211	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment AND 437.C.35 (PSES) Centralized Waste Treatment	155,710	Batch	03/10/20	160	120	
FCA US LLC - Sterling Heights Assembly Plant	38111 Van Dyke Avenue	Sterling Heights	Macomb	48312	3711/3479	CIU	433.A.17(a) (PSNS) Metal Finishing 439.D.46 (PSES) Pharmaceutical Manufacturing	520,000.00	Continuous	3/17/2020	11	ND	
Ferndale Laboratories, Inc	780 W. Eight Mile Rd.	Ferndale	Oakland	48220	2834	CIU		10848	Continuous	3/17/2020	ND	ND	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	37	260	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	<19	<19	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	80	77	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	31	35	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	23	65	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	340	570	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	2/3/2020	45	280	
Ford Motor Company - Allen Park Clay Mine Landfill	17005 Oakwood Blvd.	Allen Park	Wayne	48101	4953	SIU		35,020	Continuous	3/9/2020	22	100	
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	1/13/2020	13	20	
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	1/15/2020	12	20	
G2O Energy, LLC	8750 Grinnell	Detroit	Wayne	48213	4953	SIU		2,000	Batch	3/9/2020	ND	ND	
General Motors Company	2500 East General Motors Boulevard	Detroit	Wayne	48211	3711	CIU	433.A.17a (PSNS) Metal Finishing 433.A.15a (PSES) Metal	488,199	Batch	3/19/2020	14	ND	
General Motors LLC., Orion Assembly	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	Finishing 433.A.15a (PSES) Metal	293,736	Continuous	3/9/2020	ND	ND	
General Motors LLC., Orion Assembly	4555 Giddings Road	Lake Orion	Oakland	48359	3711	CIU	Finishing	293,736	Continuous	3/9/2020	ND	ND	

Attachment 5: SUMMARY OF SAMPLING RESULTS - THRU MAY 2020													
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC	Industrial User	For CIUs, list all applicable	IU Flow to	Continuous	Sample	PFOA result	PFOS result	
					Code(s) or								Categories by 40 CFR Part
					NAICS	Type (SIU/CIU)	Number(s)		discharger?				
					Code(s)								
H & S Inspection Service, Inc.	422 Oliver Dr.	Troy	Wayne	48084	3479	CIU	433.A.17a (PSNS) Metal Finishing	3,379.00	Continuous	3/12/2020	ND	ND	
JSP International	13889 W Chicago Rd	Detroit	Wayne	48228		SIU		39,500	Continuous	3/11/2020	ND	ND	
Kenwal Steel Co	8223 W. Warren Avenue	Dearborn	Wayne	48126	3316/5051	CIU	420.I.96b.2 (PSNS) Iron and Steel Manufacturing	25,205	Continuous	3/16/2020	43	ND	
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	1/22/2020	30	1400	
MacDermid, Inc.	1223 Farrow Avenue	Ferndale	Oakland	48220	2899	CIU	433.A.15a (PSES) Metal Finishing	17,119	Batch	2/24/2020	0	36	
Maksteel Processing, LLC (Formerly Xcel Steel Pickling)	4343 Wyoming	Dearborn	Wayne	48126	5051	CIU	420.I.95b.2 (PSES) Iron and Steel Manufacturing	22,717	Continuous	3/16/2020	ND	ND	
Marathon Petroleum Company, LP	1301 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	2/12/2020	7.6	82	
Marathon Petroleum Company, LP	1301 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	2/12/2020	ND	ND	
Marathon Petroleum Company, LP	1301 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	3/4/2020	7.2	140	
Marathon Petroleum Company, LP	1301 S. Fort Street	Detroit	Wayne	48217	2911/5171	CIU	419.B.25 (PSES) and 419.B.27a Petroleum Refining	1,718,849	Continuous	3/4/2020	ND	ND	
Pine Tree Acres, Inc.	36600 29 Mile Road	Lenox Township	Macomb	48048	4953	SIU		161,215.0	Continuous	1/7/2020	1600	590	
Pine Tree Acres, Inc.	36600 29 Mile Road	Lenox Township	Macomb	48048	4953	SIU		161,215.0	Continuous	3/12/2020	1600	370	
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	1/16/2020	4.5	130	
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	1/23/2020	5	110	
Racer Trust (Groundwater)	13000 Eckles Road	Livonia	Wayne			Groundwater		726,850	Continuous	1/28/2020	4.5	100	
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	1/10/2020	<9.7	<9.7	
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	2/13/2020	<9.8	<9.8	
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	3/4/2020	<9.8	<9.8	
Richcoat, L.L.C.	40573 Brentwood	Sterling Heights	Macomb	48310	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	12,900.00	Continuous	3/17/2020	ND	ND	
RJL Equity Holdings, LLC	4430 Lapeer Road	Auburn Hills	Oakland	48326	4953	SIU	SIU	6,000.00	Continuous	3/9/2020	20	140	
Selfridge Plating, Inc.	42081 Irwin Road	Harrison Twsp.	Macomb	48045	3471	CIU	433.A.17(a) (PSNS) Metal Finishing	17,617	Continuous	7/12/2020	ND	16	
South Macomb Disposal Authority	21290 - 24 Mile Road	Macomb	Macomb	48042	4953	SIU		69,928	Continuous	3/17/2020	60	130	
Southeastern Oakland County Resource Recovery Authority	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	3/4/2020	27	76	
Southeastern Oakland County Resource Recovery Authority	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	3/4/2020	49	130	
Southeastern Oakland County Resource Recovery Authority	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	3/4/2020	48	89	
Southeastern Oakland County Resource Recovery Authority	1741 School Rd.	Rochester Hills	Oakland	48314	4953	SIU		37,400.00	Continuous	3/4/2020	37	80	
SprayTek, Inc.	2535 Wolcott St.	Ferndale	Oakland	48220	3471	CIU	433.A.17a (PSNS) Metal Finishing	236.00	Batch	3/10/2020	ND	ND	
							413.A.14(b) (PSES) Electroplating Discharging						
Sterling Metal Finishing	2500 Meldrum	Detroit	Wayne	48207	3471	CIU	<10,000 gpd	1,175	Continuous	3/9/2020	ND	ND	

Attachment 5: SUMMARY OF SAMPLING RESULTS - THRU MAY 2020												
Facility Name	Facility Address	City	County	Zip Code	SIU/CIU SIC	Industrial User	For CIUs, list all applicable Categories by 40 CFR Part Number(s)	IU Flow to WWTP (GPD)	Continuous or Batch discharger?	Sample Date	PFOA result (ng/l)	PFOS result (ng/l)
					Code(s) or NAICS Code(s)							
US Ecology Michigan, Inc.	6521 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	1/21/2020	220	170
US Ecology Michigan, Inc.	6521 Georgia Street	Detroit	Wayne	48211-1661	4953	CIU	437.D.46b.1 (PSES) Centralized Waste Treatment	75,000	Batch	3/2/2020	ND	ND
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	2/25/2020	720	130
Usher Oil Company	9002 Roselawn Street	Detroit	Wayne	48204	5093	CIU	437.D.46e (PSES) Centralized Waste Treatment	340,000	Batch	3/11/2020	890	500
Valicor (formerly Strength Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	1/9/2020	410	26
Valicor (formerly Strength Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	1/10/2020	800	52
Valicor (formerly Strength Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	2/13/2020	650	120
Valicor (formerly Strength Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	2/14/2020	3000	890
Valicor (formerly Strength Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	3/12/2020	1400	1200
Valicor (formerly Strength Recovery, L.L.C.)	27150 Princeton Avenue	Inkster	Wayne	48141	5093	CIU	437.D.46b (PSES) Centralized Waste Treatment	96,561	Batch	3/13/2020	1400	200
Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	Orion	Oakland	48359	4953	SIU		29,537	Continuous	1/17/2020	1300	330
Waste Management of MI, Inc.-Eagle Valley Recycle & Disposal	600 W. Silverbell Road	Orion	Oakland	48359	4953	SIU		29,537	Continuous	3/10/2020	320	89
Waste Management of MI, Inc.-Woodland Meadows RDF-Van Buren Waterford Hills Landfill/MDEQ, RRD, Closed	5901 Hannan Road	Wayne	Wayne	48184	4953	SIU		36,025	Continuous	1/15/2020	3800	500
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	1/13/2020	16	73
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	2/18/2020	580	640
Waterford Hills Landfill/MDEQ, RRD, Closed	7900 Gale Road	Waterford	Oakland	49201	4953	SIU		2,000	Continuous	2/28/2020	72	330
Wolverine Plating Corporation	29456 Groesbeck Highway	Roseville	Macomb	48066	3471	CIU	413.A.14c (PSES) Electroplating	114,150	Continuous	3/19/2020	ND	32

ATTACHMENT 6
Lab Sheets attached
in MiWaters

ATTACHMENT 7

Lab Sheets attached in

MiWaters