From:	Dean Chartrand
To:	Czuhanich, Alex G (DEC); Wilkie, Henry (DEC)
Cc:	Jayne Ulrich; Ed Stoner
Subject:	East Fishkill SWMU Closures
Date:	Tuesday, February 23, 2016 9:29:34 PM
Attachments:	ARCADIS_MLC EOL SWMU Closure Certification Report to GF_12.18.15_Final w Figures.pdf

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Alex and Henry,

As you know, the MLC manufacturing operations at the former IBM East Fishkill facility reached its End of Life in 4Q2014 and IBM subsequently decommissioned the former MLC manufacturing operations, located in B330D, B330D, B338 and B339, in 2015. As part of the MLC End of Life project, numerous Solid Waste Management Units (SWMU) were closed as part of the decommissioning of the MLC manufacturing operations. The SWMU closures were conducted in accordance with the closure approach previously submitted to you and subsequently approved. Attached is the closure report for the MLC related SWMUs. The change in SWMU status will be included in the annual SWMU report that will be submitted in May 2016. Please contact me if you have any questions. Thank you.

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Edward L. Pepe
Project Leader – B/323 330MM Program
GLOBALFOUNDRIES US2 LLC
Facilities Engineering Dept. LYOA
B/330D – AH2, Zip 87S 2070 Route 52, Hopewell JCT, NY 12533

Subject:
Certification of SWMU Closure
MLC End of Life Project at GLOBALFOUNDRIES US2 LLC Fab 10 Facility, Hopewell Junction, NY

ENVIRONMENTAL

Date:
December 18, 2015

Contact:
Fred Kirschenheiter

Phone:
315.671.9203

Email:
Fred.Kirschenheiter@Arcadis.com

Our ref:
B0000130.0001

Dear Mr. Pepe:

This Certification Letter has been prepared by ARCADIS of New York, Inc. (ARCADIS) to document the closure of solid waste management units (SWMUs) during the MLC (multi-layer ceramics) Packaging End of Life (EOL) Project (the "Project") at the GLOBALFOUNDRIES US2 LLC Fab 10 Facility in Hopewell Junction, New York between February and November 2015. On July 1, 2015, the IBM East Fishkill facility was acquired by GLOBALFOUNDRIES US2 LLC (GLOBALFOUNDRIES). SWMU closure activities were initiated by IBM under the Project and continued to be implemented by IBM under their ARO (Asset Retirement Obligation) with the assistance of GLOBALFOUNDRIES. Both corporations are referenced in this letter report. The proposed approach to SWMU closure for the Project was summarized in a January 23, 2015 draft memorandum prepared by ARCADIS for IBM ("the Plan"). The Plan was submitted by IBM to Henry Wilkie, New York State Department of Environmental Conservation (NYSDEC) via e-mail on February 5, 2015. NYSDEC's approval of the Plan was issued to IBM via e-mail on February 9, 2015.

Overview

The broad scope of the MLC EOL project was to decommission the entire MLC Packaging operation, decontaminate and demolish the process tools and tanks, and remove, recycle or dispose of all materials. This scope included SWMUs that were part of the MLC Packaging operation. The last MLC tool was shut down during December 2014. Prior to that final shutdown, IBM had developed a scope of work for decontamination, demolition and removal of MLC tanks, distribution systems and process tools in Buildings 330C, 330D, 338, and 339 (Figure 1), and subsequently retained a qualified contractor to implement the program. ARCADIS was retained to provide Third Party Oversight of the decontamination and demolition process and to document SWMU closure within the project areas. The Project was initiated in January 2015 and completed during November 2015.

In general, the SWMUs that were closed during the Project consisted of tanks, lift stations, and process piping that had handled chemical wastewater generated by MLC Packaging process tools. Certain MLC tools used tetramethylammonium hydroxide (TMAH), a caustic aqueous fluid used for automated in-line cleaning within ceramic substrate screening tools. Virgin TMAH supply was received and diluted in Building 338 before being distributed through overhead double wall piping to Buildings 330D and 330C where the screener tools were located. Waste TMAH was collected in sumps located at the tools and pumped back to Building 338 for reclaim treatment. Final reclaim wastewater was transferred by overhead piping to a single above-ground SWMU tank in Building 339 for subsequent bulk removal by tanker.

A central deionized (DI) water distribution system serviced the TMAH tools and had been used by IBM to flush and drain tools and tanks upon shutdown of each tool prior to initiation of the Project. Those shutdown procedures did not remove 100% of the caustic solutions from the tools and reclaim systems. The TMAH wastewater system SWMUs (sumps, piping and tanks) contained residual TMAH fluids and solids that could only be removed during the final decommissioning, decontamination and demolition accomplished during the Project.

TMAH and other industrial wastewater lift tanks, waste transfer piping, and holding tanks had been identified by IBM as SWMUs, prior to initiation of the Project, in accordance with Permit Module II of IBM's 6NYCRR Part 373 Hazardous Waste Management Permit. A preliminary list of the active SWMUs within the Project area was included as Table 1 in the Plan. The active SWMU list was to be evaluated to confirm which SWMUs would be closed as part of the Project. This Certification Letter includes a final updated version of Table 1 listing only the SWMUs that were managed and closed during the Project.

Closure of these systems was accomplished by decontamination and removal of each SWMU unless otherwise noted in this report. A number of non-TMAH SMWUs or their components located within the Project area were also decommissioned, decontaminated and removed to achieve closure. The categories of SWMUs that were closed are:

- Waste TMAH Transfer Piping, consisting of TMAH reclaim piping from process tools, collection sumps, lift stations, and overhead reclaim transfer piping. This piping originated in Buildings 330C and 330D and was routed to reclaim tanks and associated reclaim systems in Building 338, with final conveyance to a holding tank in Building 339.

- Waste TMAH tanks in Buildings 330D and 330C (at lift stations), 338 (reclaim treatment) and 339 (TMAH wastewater holding), as well as two non-TMAH wastewater holding tanks in an outbuilding adjacent to Building 338.

- Fluoride/Heavy Metal Lift Stations within decommissioned TMAH process tool areas, which are components of the listed "LS-FL" SWMUs in Buildings 330C and 330D. These components consisted of slop sinks with integrated lift stations that discharged to the active fluoride/heavy metals waste transfer piping system. Although specific components of these multi-component SWMUs have been removed during the Project, the "LS-FL" SWMUs remain active because not all lift stations could be removed from Buildings 330C and 330D due to current and future operational needs.

- Industrial Waste Lift Stations within decommissioned TMAH process tool areas and other non-TMAH tool areas, which are components of the listed "LS IW" SWMUs in Buildings 330C and 330D. These components consisted of a slop sink with integrated lift station in Building 330D in a TMAH tool room that discharged to the active industrial waste (a.k.a. acid waste) transfer piping system and an acid wastewater lift station in a non-TMAH tool area in Building 330C. Although specific components of these multi-component SWMUs have been removed during the Project, the "LS IW" SWMUs remain active because not all industrial waste/acid waste lift stations could be removed from Buildings 330C and 330D due to current and future operational needs.

The SWMU closure activities implemented in support of the Project included:

- A reconnaissance of the active SWMUs within the Project area to determine which SWMUs will be closed, document the existing conditions of the SWMUs, and formulate the final decontamination and/or disposition approach for each SWMU.

- Decontamination of the SWMU systems for subsequent recycling or disposal, verified by a Third Party (ARCADIS).

- Preparation of this Certification Letter to document that the TMAH system SWMUs and other SWMUs within the Project Area have been closed.

SWMU Reconnaissance (February - August 2015)

The initial step of the closure approach consisted of conducting a field reconnaissance to visibly inspect each SWMU identified in the preliminary inventory provided in the Plan. As part of the reconnaissance, IBM/GLOBALFOUNDRIES

located and verified which SWMUs were to be closed as part of the Project and which were to remain active. ARCADIS photographed each SWMU to be closed and visibly inspected and documented the pre-closure condition of each active SWMU, including the column grid locations, tank volumes and material composition of these SWMUs. This information was recorded on an expanded version of the inventory prepared by ARCADIS, reviewed by IBM/GLOBALFOUNDRIES for accuracy, used as a guide throughout the closure process, and updated weekly as SWMUs or SWMU components were closed. This expanded list also added component breakdowns to the large B/330 Waste TMAH transfer system so that interim completion of this extensive system could be documented for the various managed components. In addition, the listed non-TMAH SWMUs that discharged to fluoride/heavy metal and industrial waste transfer systems were broken down into individual components to document those components closed during the Project. The final inventory of SWMUs and SWMU components that were closed or partially closed during the Project is provided on enclosed Table 1. Their locations are called out on the enclosed Floor Plan Mark-Ups. This inventory includes the expanded components and details on location, composition, size, and listed content. SWMUs that remain completely active within the Project area (e.g., chemical loading/unloading docks and certain individually listed industrial waste tanks and remaining lift stations) were excluded from enclosed Table 1.

In addition, a checklist was developed to document the SWMU details, inspection and sampling results on a pass/fail basis, disposal and recycling disposition, SWMU status change date, and cross-reference to the associated SWMU verification data tables. Notes were added to the checklist to summarize exceptions to the closure objectives, special handling of non-TMAH SWMUs and historic changes in SWMU identification or use, where applicable. Index numbers were assigned to each SWMU and SWMU component and included on both Table 1 and the individual checklists for cross reference. Completed checklists, along with documentation photographs are provided in Attachment A.

SWMU Closure Activities (April - November 2015)

Following the reconnaissance activities, IBM/GLOBALFOUNDRIES confirmed that the approach outlined for TMAH systems and tanks in the Plan was appropriate. At the onset of the Project, IBM was not aware of any previous releases or environmental concerns associated with any of the SWMUs to be closed under the Project, and no releases or related environmental concerns associated with these SWMUs were identified during the implementation of the Project.

Decontamination activities implemented by IBM/GLOBALFOUNDRIES and their contractors, and verified by ARCADIS, included the following steps:

- Preparing the work area for decontamination activities by disconnecting electrical and compressed air feeds, establishing exclusion zones in accordance with the contractor's Health and Safety Plan, and preparing the work areas for drained fluid and rinse water containment and collection. The contractor performing decontamination, demolition and removal of all tools and SWMU components was Stryker DES (Stryker). Techtron Environmental, Inc., an onsite contractor, managed all collected fluids and solids and provided pumping services for collection of bulk wastewater and solids for treatment or disposal.

- Removing residual TMAH wastewater and solids from the TMAH SWMUs and decontaminating the components. Methods included flushing, draining, suction pumping, removal of solids by hand tools where necessary, and final rinsing. Immediately prior to decommissioning the TMAH systems and associated SWMUs, IBM/GLOBALFOUNDRIES flushed the entire distribution and reclaim (waste TMAH) transfer system with a volume of deionized (DI) water that exceeded three times the total system volume. DI water was used because it was readily available and piped to most TMAH locations. Inactive tanks, terminal legs and valve boxes isolated from the DI water system were thoroughly rinsed with treated facility water after those components were opened and drained. Treated facility water is a clean non-potable water supply to eyewash stations, sinks, lavatories and general facility hose spigots. During decontamination of process tools, rinse water was initially routed to the operating TMAH reclaim lift stations before the lift stations were decontaminated. After the SWMU tanks and lift stations were disconnected from power supplies, Techtron suction pumped residual water and light solids from the sumps and tanks into tankers for subsequent transfer to the onsite wastewater treatment facility. Final decontamination was typically accomplished by rinsing the dissembled components with treated facility water until the TMAH contact surfaces exhibited pH less than or equal to 8, as specified in the Plan. Rinse water was collected in drums for pickup by Techtron for bulk transfer to the onsite wastewater treatment facility. TMAH solids, if still present after system flushing and draining, were collected in polyethylene drums that were picked up by Techtron and staged for waste classification by IBM/GLOBALFOUNDRIES and subsequent offsite disposal. Dry black solids (molybdenum and copper) present in some reclaim piping were confirmed neutral, segregated into drums by Stryker, and recycled at Millens Metal Recycling, Inc.

- Decontamination verification of TMAH SWMUs as described below under *Third Party Observation and Testing*. When the verified pH was outside the target range of pH 5-8, the affected components were re-cleaned until the pH objectives were met.

The same process for decontamination and verification was adopted for the non-TMAH SWMUs listed in Table 1. SWMUs 286 and 287 contained a carbon wastewater, not regulated as a RCRA hazardous waste, with an expected acidic pH at or near pH 3.5. The decontamination target for these SWMUs, which were demolished for scrap metal recycling, was pH 5 (minimum) to pH 8. The small solvent SWMUs (one lift station and associated piping) included in the Project were previously emptied and appeared clean and dry before the Project was initiated. As an added measure to prepare this steel material for scrap recycling, the solvent SWMU components were rinsed with treated facility water and the contact surfaces were tested to confirm that the target range of pH 5-8 was met.

Following decontamination, the SWMU tanks and other SWMU components were carefully disassembled or demolished and sized for scrap metal recycling or offsite disposal as construction and demolition debris. Small tanks that were not demolished were rendered unusable. Scrap metal from the decontaminated SWMUs was separated by metal type, combined with non-SMWU scrap metal of the same type, and shipped offsite for recycling at Millens Metal Recycling, Inc. Non-metallic decontaminated components of the TMAH systems (e.g., demolished PVC piping, HDPE tanks, and fiberglass tanks) were placed in roll-offs with other construction and demolition debris for off-site disposal as a non-hazardous waste at permitted solid waste landfills or (for the polyethylene lift stations) incinerated at a permitted resource recovery facility. The receiving facilities for these decontaminated materials are listed in Table 2.

Aqueous and residual wastes generated as a result of SWMU closure during the Project were collected in drums or tankers by Techtron for subsequent waste management based on waste classification. This information is separately maintained by IBM/GLOBALFOUNDRIES and is not part of this report.

Exceptions

The exceptions to the Plan encountered during implementation were as follows:

- Two segments of the waste TMAH transfer piping SWMU were abandoned in place. The affected segments consisted of TMAH reclaim piping suspended above the ceilings over active restrooms (approximately 60 feet in Building 330D) and over an active laboratory (approximately 120 feet in Building 330C). These segments were flushed with DI water, air dried, verified neutral at the exposed ends, capped with Fernco® flexible PVC caps, and labelled with the date and location of abandonment as well as the verified pH at the capped ends. The recorded pH at the exposed ends met the decontamination criterion for TMAH SWMUs.

- One 1,500-gallon HDPE tank (SWMU 3358) contained a thin waxy residue on the bottom and a few feet up from the bottom along the sidewalls. This residue continued to exhibit pH between 3 and 3.5 after repeated flushing and scraping, vs. the target range of pH 5-8. Based on this verified pH the residue was not RCRA corrosive, and the residue quantity met the RCRA-empty criterion for containers (<0.3% of tank capacity). In this condition, the demolished tank sections were placed in roll-offs with the rest of the demolished plastic tanks and transported to a permitted non-hazardous waste landfill.

- Judgement-based verification was used to release scrap steel from five furnace lift station tanks that transferred non-hazardous wastewater to SWMU 286. These units were not listed SWMUs, but were inspected to make sure that they were completely empty. After these small stainless steel vessels were torch cut to inspect the interiors, as well as to disable them to prevent any future use, they were found to be empty and very dry as a result of the torch cutting. Based on ARCADIS inspection, these non-SWMUs were released for recycling without sampling.

- Three SWMU tanks (3352, 3359 and 3384) were discovered to have been previously removed several years ago and require only a status change from "active" to "removed". Without the tanks, ARCADIS could not provide any independent inspection or testing, but did verify that they were no longer present at the facility by inspecting their prior location as listed in the facility's tank database.

Third Party Observation and Testing

ARCADIS' Third Party observation and testing was performed to verify that the closure actions were completed as planned, document exceptions and provide regular progress reports to IBM/GLOBALFOUNDRIES. All SWMU material was inspected prior to and during demolition and removal of the components to verify that they were adequately empty prior to testing. Due to the caustic nature of TMAH and the acidic nature of carbon wastewater, real time screening with pH test strips was the selected method used to verify that the components were adequately decontaminated for recycling or disposal. ARCADIS' observations are documented on the checklists (Attachment A). Decontamination was verified by ARCADIS as follows:

- ARCADIS inspected every SWMU and SWMU component listed in Table 1 to verify that the containers and systems were adequately drained of fluids and solids.

- ARCADIS conducted random and biased testing of decontaminated waste TMAH system tank interiors, pump inlets and outlets, and waste transfer piping at the outlets or cut section ends using pH test strips to verify that the near neutral criterion for decontaminated TMAH SWMUs was met. Biased sampling favored stained surfaces and potential fluid traps. Testing was performed on wet rinsed surfaces, including surfaces inside the exposed ends of piping. Surfaces and piping outlets that were no longer wet from rinsing were lightly re-wetted for testing. The location, date and ID number for each pH sample collected by ARCADIS was marked on the sampled item and recorded in the field data sheets. ARCADIS' pH sampling was performed using Hydrion® pH test strips which provide results over a pH range of 5-9 in 0.5 pH unit increments. The treated water used by Stryker for decontamination, and by ARCADIS to wet surfaces for sampling, typically exhibited a pH range of 5.5-6.0. Therefore, results within the pH range of 5-8 were expected on decontaminated surfaces and flushed vessel or pipe outlets.

- The fluoride/heavy metal and industrial waste lift stations in the Project area were general purpose polyethylene slop sinks located within each TMAH process tool core (backside of process tools). It was anticipated that these sinks could contain rinse water residue associated with cleaning, servicing or maintenance of TMAH process equipment. Preliminary pH sampling by ARCADIS revealed pH levels greater than pH 9 on the sink surfaces prior to decontamination, consistent with this use. Therefore, the criteria for verification of decontamination were the same used for the TMAH systems.

- For the carbon wastewater SWMUs (Tanks 286 and 287), both tanks had contained non-RCRA wastewater with pH near 3.5. For these, ARCADIS performed initial baseline pH sampling using low range Hydrion® pH test strips which provided results over a pH range of 0-6 in 0.5 pH unit increments to measure below pH 5. To verify decontamination, ARCADIS also used Hydrion® test strips with a pH range of 5-9 in 0.5 pH unit increments. The target range following draining and rinsing of these tanks, and their upstream lift station components, was a pH range of 5-8.

- For part of the TMAH reclaim treatment system processes in Building 338, hydrochloric acid had been utilized. Where post decontamination pH verification yielded results at or potentially less than pH 5, ARCADIS performed additional sampling using low range Hydrion® pH test strips which provided results over a pH range of 0-6 in 0.5 pH unit increments to measure below pH 5. The target range for post-decontamination remained at pH 5-8.

- For the solvent lift station and associated localized solvent piping from an ultrasonic cleaning tool, decontamination was documented through verification that the piping and tank were initially fluid free, was subsequently rinsed with treated facility water by Stryker, and met the Project-specific target pH criterion of pH 5-8 for scrap metal recycling.

- For the five small lift stations integrated with furnaces upstream of SWMU Tank 286, but not part of the SWMU, verification was limited to visual inspection without sampling. These small vessels were disabled by torch cutting openings for inspection to verify absence of fluids and residual solids.

Post-decontamination test results were recorded on data tables organized by buildings and associated Project areas as part of the overall Project documentation. All SWMU verification data tables are provided in Attachment B. The data tables provide a total of 5,648 final pH measurements recorded for the SWMUs and SWMU components closed and removed during the Project. Based on IBM/GLOBALFOUNDRIES' and ARCADIS' evaluation of the waste chemicals and/ or wastewaters associated with these SWMUs, and the observed effectiveness of decontamination in removing residual wastes, no additional testing was necessary to release the decontaminated SWMU scrap metal for recycling or to release decontaminated plastics for disposal as non-hazardous waste, no longer subject to RCRA regulation. The final disposition of each SWMU and component listed on Table 1 is identified in the checklists (Attachment A), along with details regarding any exceptions to the verification process or acceptance criteria.

Final SWMU Status Change

Following NYSDEC acceptance of this certification letter, GLOBALFOUNDRIES will update the status of the SWMU database to reflect the status changes listed on the enclosed Table 1. The next periodic RCRA report submitted to the NYSDEC in accordance with Module II of the 6NYCRR Part 373 Hazardous Waste Management Permit will include the updated database.

Certification Statement

I, Frederick J. Kirschenheiter, P.E., as a licensed Professional Engineer in the State of New York, hereby certify that the Solid Waste Management Units (SWMUs) identified in Table 1 of this letter at the GLOBAL FOUNDRIES US2 LLC Fab 10 Facility in Hopewell Junction, New York have been closed in accordance with the SWMU closure approach presented in ARCADIS' January 23, 2015 draft memorandum to IBM ("the Plan"). The Plan was submitted by IBM to the NYSDEC and subsequently approved in a February 9, 2015 e-mail from the NYSDEC to IBM.

This certification is based on ARCADIS' on-site observation during implementation of the SWMU closure activities. I also certify that, to the best of my knowledge, this Certification Letter accurately reflects the SWMU closure activities that were conducted.

Please do not hesitate to contact me if you should have any questions or need additional information regarding this Certification Letter.

Sincerely,

Arcadis of New York, Inc.

Fred Kirschenheiter. P.E.
Senior Vice President
New York P.E. No. 068859-1

Copies:
E. Pepe, GLOBALFOUNDRIES
R. Duggan. GLOBALFOUNDRIES
M. Jones, ARCADIS
R. Kapp, ARCADIS

Enclosures:
Table 1
Table 2
Figure 1
Floor Plan Mark-Ups
Attachment A
Attachment B

ARCADIS

Tables

ARCADIS

Table 1
Solid Waste Management Units (SWMUs) and SWMU Components Closed During MCL Packaging End of Life Project, Status and Descriptions

Table 1
Solid Waste Management Units (SWMUs) and SWMU Components Closed During MCL Packaging End of Life Project
Status and Descriptions

SWMU Closure Report
IBM/GLOBALFOUNDRIES
East Fishkill, NY

Note: Initial excerpt from Part 373 Module II 20110606 (pages II-2 through II-22 accessible SWMUS and Page II-36 for inaccessible SWMUs) Sorted for Active SWMUs, plus Additional SWMU Compeonts Added

From Part 373 Module Table II-1 (2014)
Solid Waste Management Units Sorted for Previously Active SWMUs Listed in Buildings 330, 330C, 330D, 338, and 339

UNIT ID #	DESCRIPTION	LOCATION	STATUS	GW REMEDIATION AREA?*	RCRA STATUS	SWMU UNITS	DESCRIPTION (TANK, SUMP, CONTAINMENT, SYSTEM; SIZE; CONTENT)	SWMU Checklist Index Number
286	Industrial Wastewater	B/338 W (Outside)	**Removed**	B/330 AOC	No Further Action *	1	5,000 gal. steel Pfeiffer V Water Tank 286, CS286, enclosed in outbuilding (Pfeiffer & 9X Furnace Wastwater, classified as carbon water). Closure documentation includes furnace waste process tanks and lift stations within the tools, as listed below. All piping between tools, lift staions and Tank 286 were removed. **Tank removed 7/29/15**	20150001
286	Industrial Wastewater	B/338 (Inside), L47-N47	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	9x-6 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent. **Removed 4/20/15**	20150001.1
286	Industrial Wastewater	B/338 (Inside), L47-N47	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	9x-7 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent. **Removed 4/20/15**	20150001.2
286	Industrial Wastewater	B/338 (Inside), L47-N47	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	9x-8 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent. **Removed 4/20/15**	20150001.3
286	Industrial Wastewater	B/338 (Inside), L47-N47	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	9x-5 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent. **Removed 4/20/15**	20150001.4
286	Industrial Wastewater	B/338 (Inside), N-48	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	Binder water tank/lift station, pumped carbon effluent **Removed 6/02/15**	20150001.5
287	Industrial Wastewater	B/338 W (Outside)	**Removed**	B/330 AOC	No Further Action *	1	5,000 gal. steel Pfeiffer V Water Tank 287, CS287, enclosed in outbuilding (Pfeiffer Furnace Wastwater, classified as carbon water). Closure documentation includes furnace source lift station and waste process tanks within the tools, as listed below. All piping between tools, lift staions and Tank 287 were removed. **Tank removed 7/28/15**	20150002

Table 1
Solid Waste Management Units (SWMUs) and SWMU Components Closed During MCL Packaging End of Life Project
Status and Descriptions

SWMU Closure Report
IBM/GLOBALFOUNDRIES
East Fishkill, NY

Note: Initial excerpt from Part 373 Module II 20110606 (pages II-2 through II-22 accessible SWMUS and Page II-36 for inaccessible SWMUs) Sorted for Active SWMUs, plus Additional SWMU Compeonts Added

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UNIT ID #	DESCRIPTION	LOCATION	STATUS	GW REMEDIATION AREA?*	RCRA STATUS	SWMU UNITS	DESCRIPTION (TANK, SUMP, CONTAINMENT, SYSTEM; SIZE; CONTENT)	SWMU Checklist Index Number
287	Industrial Wastewater	B/330C (Inside), P/36	**Removed Component**	B/330 AOC	No Further Action *	0	Lift Station for Areas 14.1 and 14.2 Pfeiffer Furnaces, small (< 100 gal) lift tank, labeled Pfeiffer Wastewater (trace organic waste). Receives pumped effluent from industrial wastewater lift stations in the tools, as listed below. **Removed 7/17/15**	20150002.1
287	Industrial Wastewater	B/330C (Inside), Q/36	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	Pfeiffer A furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel. Part of Hex # 14.1.1 Area 14.2 **Removed 5/26/15**	20150002.2
287	Industrial Wastewater	B/330C (Inside), R/36	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	Pfeiffer B furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel. Part of Hex# 14.1.2 **Removed 5/29/15**	20150002.3
287	Industrial Wastewater	B/330C (Inside), S/35	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	Pfeiffer 5-4 furnace industrial waste tank/lift station, 100 gal. (approximate) stainless steel. Part of Hex# 14.1.3 **Removed 5/26/15**	20150002.4
287	Industrial Wastewater	B/330C (Inside), R/38	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	Pfeiffer 5-5 furnace industrial waste tank/lift station, 100 gal. (approximate) stainless steel. Part of Hex# 14.1.4 **Removed 5/26/15**	20150002.5
287	Industrial Wastewater	B/330C (Inside), M/37	**Removed Component at Tool**	B/330 AOC	No Further Action *	0	Pfeiffer C furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel. Part of Hex# 14.2.2 **Removed 5/26/15**	20150002.6
3352	Waste TMAH	B/330C AA33	**Removed**	B/330 AOC	No Further Action *	1	**Status Changed to "Removed" .** IBM Tank Inventory lists Unit# 3352 at B/330C AA33 as T490A TMAH Reclaim Tank, 700 gal. vertical (4'6"H) steel, CS3395. This tank was previously removed from the B/330C TMAH Support Room. Search for closure/removal documentation was initiated 2/27/15. **IBM confirmed removal was completed by 4th quarter of 2010.**	NA
3353	Waste TMAH	B/338 Q43	**Removed**	B/330 AOC	No Further Action *	1	57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000 **Removed 6/25/15**	20150003

Table 1
Solid Waste Management Units (SWMUs) and SWMU Components Closed During MCL Packaging End of Life Project
Status and Descriptions

SWMU Closure Report
IBM/GLOBALFOUNDRIES
East Fishkill, NY

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UNIT ID #	DESCRIPTION	LOCATION	STATUS	GW REMEDIATION AREA?*	RCRA STATUS	SWMU UNITS	DESCRIPTION (TANK, SUMP, CONTAINMENT, SYSTEM; SIZE; CONTENT)	SWMU Checklist Index Number
3354	Waste TMAH	B/338 P41	**Removed**	B/330 AOC	No Further Action *	1	5,575 gal. stainless, Waste TMAH, Ultrafilter Concentrate Tank T1300 **Removed 6/22/15**	20150004
3355	Waste TMAH	B/338 N-2 42	**Removed**	B/330 AOC	No Further Action *	1	4,500 gal. HDPE, Waste TMAH, Ultrafilter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355 **Removed 6/22/15**	20150005
3356	Waste TMAH	B/338 Q44	**Removed**	B/330 AOC	No Further Action *	1	1,500 gal. HDPE, Waste TMAH, pH Adjustment Module R1700, CS3356 **Removed 7/13/15**	20150006
3357	Waste TMAH	B/338 Q45	**Removed**	B/330 AOC	No Further Action *	1	39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100 **Removed 6/18/15**	20150007
3358	Waste TMAH	B/338 Q45	**Removed**	B/330 AOC	No Further Action *	1	1,500 gal. HDPE Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 **Removed 6/10/15**	20150008
3359	Industrial Waste	B/338 S43	**Removed**	B/330 AOC	No Further Action *	1	6,500 gal. Vertical Stainless Steel Industrial Waste Tank **IBM confirmed that Tank 3359 was previously removed. Replaced with SWMU Tank 3514 (2000-2001) at same location.**	NA
3360	TMAH Wastewater	B/338 S42	**Removed**	B/330 AOC	No Further Action *	1	6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360 **Removed 6/22/15**	20150009
3361	Waste TMAH	B/338 S43	**Removed**	B/330 AOC	No Further Action *	1	6,500 gal. stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700 **Removed 6/25/15**	20150010
3362	Waste TMAH	B/338 S43	**Removed**	B/330 AOC	No Further Action *	1	6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362 **Removed 6/16/15**	20150011
3363	TMAH Wastewater	B/338 V44	**Removed**	B/330 AOC	No Further Action *	1	290 gal. HDPE IW Contents Filtrate Tank T-3100 **Removed 6/10/15**	20150012
3365	Waste TMAH	B/338 Q41	**Removed**	B/330 AOC	No Further Action *	1	1,680 gal. stainless rectangular, Waste TMAH, WAC Lift Station Tank T1800, CS3365 **Removed 7/13/15**	20150013

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3366	TMACl Wastewater	B/338 T42	**Removed**	B/330 AOC	No Further Action *	1	14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366 **Removed 6/11/15**	20150014
3375	Waste TMAH	B/338 S42	**Removed**	B/330 AOC	No Further Action *	1	Supernatant Lift Tank T3000, CS3375 **Removed 6/10/15**	20150015
3384	Waste TMAH	B/330D BA35	**Removed**	B/330 AOC	No Further Action *	1	**Status Changed to "Removed"**. IBM Tank Inventory lists Unit# 3384 at B/330D BA35 as T590 TMAH Reclaim Tank, CS#3388, 700 gal vertical (4'6'H) stainless steel tank containing waste TMAH, Moly and Cu. This tank was previously removed from the B/330D TMAH Support Room. Search for closure/removal documentation was initiated 2/27/15. **IBM confirmed removal was completed by 4th quarter of 2010.**	NA
3386	TMACl Wastewater	B/338 T42	**Removed**	B/330 AOC	No Further Action *	1	2,000 gal. PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392 **Removed 6/10/15**	20150016
3503	TMAH Wastewater - See entry for **3513 (Current Tank ID # 3513)**	B/339 Pumphouse	**Removed**	B/330 AOC	No Further Action *	1	Unit#3503 is the original SWMU Unit# for tank labeled 3513.See revised Unit ID 3513 for label on tank. IBM Tank inventory lists #3503 as 125,000 gal. Waste Equalization Tank T1000B, TMAH Wastewater, 30' H, in B/338. This tank will be cross referenced to duplicate ID 3513 (not on SWMU list) in the records. **Removed 7/30/15**	20150017
3504	TMAH Wastewater	B/338 N43/L43	**Removed**	B/330 AOC	No Further Action *	1	1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater **Removed 7/7/15**	20150018
3505	TMACI Wastewater	B/338 K42/L42	**Removed**	B/330 AOC	No Further Action *	1	12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater **Removed 6/29/15**	20150019

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UNIT ID #	DESCRIPTION	LOCATION	STATUS	GW REMEDIATION AREA?*	RCRA STATUS	SWMU UNITS	DESCRIPTION (TANK, SUMP, CONTAINMENT, SYSTEM; SIZE; CONTENT)	SWMU Checklist Index Number
3506	TMAH Wastewater Sludge **(SWMU Inventory Unit # 3514, Current Label 3506)**	B/338 S43	**Removed: See SWMU #3514**	Not Specified	Not Specified	0	Unit #3506 is not a new SWMU. This is an updated identification number for SMWU Unit #3514. Current label is #3506, 7,000 gal. FRP, Wastewater/Sludge, CS3352. Unit# 3506 will be closed as Unit #3514 and a note will be added to the record regarding the unit number change.	20150020
3508	TMACI Wastewater	B/338 M43/L43	**Removed**	B/330 AOC	No Further Action *	1	9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater **Removed 7/7/15**	20150021
3512	TMAH Wastewater- T9000 Reclaim Transfer (in B/330D TMAH Support Room)	B/330D BA35 (was incorrectly listed at B/338)	**Removed**	B/330 AOC	No Further Action *	1	1,700 gal. insulated stainless, TMAH reclaim transfer in Area 8 **Removed 6/9/15**	20152022
3513	TMAH Wastewater- Current Tank ID #3513, outside B/339 pumphouse **(SWMU #3503)**	B/339 Pumphouse	**Removed**	B/330 AOC	No Further Action *	0	This is not a new SWMU. Tank is labeled 3513, 125,000 gal. vertical stainless, TMAH. See duplicate Unit #3503 for listed SWMU. To be closed as listed SWMU 3503, with a note added to the record regarding updated number 3513 for 3503. IBM Tank Inventory shows 3513 as Waste Equalization Tank T-1000B 125,000 gal. vertical (30'H) stainless located at 339 Pumphouse. **Removed 07/30/15**	20150017
3514	TMAH Wastewater **(Tank Label # 3506)**	B/338 S43	**Removed**	B/330 AOC	No Further Action *	1	Unit#3514 is the original SWMU Unit# for tank labeled 3506. IBM Tank Inventory Lists #3514 at B338, S43, as WBA Batch Reactor T2400, 7,000 gal vertical (11'H) FRP. Tank was re-labeled #3506, Wastewater/Sludge, 7,100 gal. FRP, CS 3352. The new label 3506 covers up older label for 3352 (note that Unit #s 3506 and 3352 are not on the SWMU list and will not be added). **Removed 6/22/15**	20150020
3913	TMAH Wastewater	B/338 L43	**Removed**	B/330 AOC	No Further Action *	1	250 gal. stainless Blowdown UF Recirculation Tank T5900 Removed **6/22/15**	20150023
3914	TMAH Wastewater	B/338 L43	**Removed**	B/330 AOC	No Further Action *	1	450 gal. stainless Permeate Lift Tank T5950, CS0418 **Removed 6/18/15**	20150024

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UNIT ID #	DESCRIPTION	LOCATION	STATUS	GW REMEDIATION AREA?*	RCRA STATUS	SWMU UNITS	DESCRIPTION (TANK, SUMP, CONTAINMENT, SYSTEM; SIZE; CONTENT)	SWMU Checklist Index Number
3933	<1% TMAH Wastewater	B/330D BC-35	**Removed**	B/330 AOC	No Further Action *	1	800 gal vertical, LHDPE Plastic T2200 UF Feed Tank, <1% TMAH, in Pilot Room- Area 29. Placard #3933 is missing. Details are from IBM Tank Inventory. **Removed 6/10/15**	20150025
B/330C LS FL	Fluoride/Heavy Metals Lift Stations	B/330C	Active	B/330 AOC	No Further Action *	0	Confirmed to remain in service for the most part. Listed locations (below) were removed during MLC EOL Project. Locations by columns have been added. Other lift stations are present in 330C.	20150026.0
B/330C LS FL	Fluoride/Heavy Metals Lift Station	B/330C AC-25	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 9 Core. **Removed 5/21/15**	20150026.1
B/330C LS FL	Fluoride/Heavy Metals Lift Station	B/330C AB-25	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 9 Core. **Removed 5/21/15**	20150026.2
B/330C LS FL	Fluoride/Heavy Metals Lift Station	B/330C Z-27	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 9 Core. **Removed 5/21/15**	20150026.3
B/330C LS FL	Fluoride/Heavy Metals Lift Station	B/330C Z-25	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 9 Proceco Room **Removed 5/21/15**	20150026.4
B/330C LS FL	Fluoride/Heavy Metals Lift Station	B/330C X-27	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 9 Core. **Removed 5/21/15**	20150026.5
B/330C LS IW	Industrial Wastewater Lift Stations	B/330C	Active	B/330 AOC	No Further Action *	0	Confirmed to remain in service for the most part. Listed locations (below) were removed during MLC EOL Project. Locations by columns have been added. Other lift stations are present in 330C.	20150027.0
B/330C LS IW	Industrial Wastewater Lift Stations	B/330C D31	**Removed**	B/330 AOC	No Further Action *	0	Acid drain lift station. Area 21. Lift station and valves removed form B/330C by Techtron for decontamination and disposal.on 10/28/15**. Removal verified 11/5/15.**	20150027.1
B/330D LS FL	Fluoride/Heavy Metals Lift Stations	B/330D	Active	B/330 AOC	No Further Action *	0	Confirmed to remain in service for the most part. Listed locations (below) were removed during MLC EOL Project. Locations by columns have been added. Other lift stations may be present in 330D.	20150028.0
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BD-29	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 4 **Removed 5/21/15**	20150028.1

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UNIT ID #	DESCRIPTION	LOCATION	STATUS	GW REMEDIATION AREA?*	RCRA STATUS	SWMU UNITS	DESCRIPTION (TANK, SUMP, CONTAINMENT, SYSTEM; SIZE; CONTENT)	SWMU Checklist Index Number
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BD-30	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 4 **Removed 5/21/15**	20150028.2
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BD-32	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 4 **Removed 5/21/15**	20150028.3
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BD-34	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 4 **Removed 5/21/15**	20150028.4
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BF-32	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 4 **Removed 5/21/15**	20150028.5
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BE-34	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 4 **Removed 5/21/15**	20150028.6
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D AY-26	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 2 **Removed 6/23/15**	20150028.7
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BC-26	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 2 **Removed 6/23/15**	20150028.8
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BD-26	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 2 **Removed 6/23/15**	20150028.9
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BH-26	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 2 **Removed 6/23/15**	20150028.11
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D AY-36	**Removed Component**	B/330 AOC	No Further Action *	0	Sink to fluoride lift station. Area 8. **Removed 7/10/13**	20150028.12
B/330D LS FL	Fluoride/Heavy Metals Lift Station	B/330D BD-37	**Removed Component**	B/330 AOC	No Further Action *	0	Sink and lift station to fluoride drain. Area 7. **Removed 7/10/13**	20150028.13
B/330D LS IW	Industrial Wastewater Lift Stations	B/330D	Active	B/330 AOC	No Further Action *	0	Confirmed to remain in service, for the most part. Listed locations are within MLC project area. Others may be present in 330D.	20150029.0
B/330D LS IW	Industrial Wastewater Lift Stations	B/330D BF 36	**Removed Component**	B/330 AOC	No Further Action *	0	Acid drain sink/lift station. Area 4. R**emoved 7/23/15**	20150029.1
B/330D LS SO	Solvent Waste Lift Stations	B/330D	Active	B/330 AOC	No Further Action *	0	MLC scope of work for SWMU closure is limited to one solvent lift station and Waste Mate (box) serving Hex# 1.21. **as noted below** Other solvent lift stations may be present.	20150030.0

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B/330D LS SO	Solvent Waste Lift Stations	B/330D BH-23	**Removed Component**	B/330 AOC	No Further Action *	0	Solvent lift station,20 gallon steel box tank on slab, pumping to adjacent Waste Mate (drum box) serving Hex# 1.21. **Located at BH-23. Removed 3/20/15**	20150030.1
B330 - SO (2)	Solvent Waste Transfer Piping	B/330	Active	B/330 AOC	No Further Action *	0	Confirmed- Refers to solvent (non-perc) waste transfer piping. Expected to remain in service. This SWMU does not include perchloroethylen supply and return piping above the dro[p ceiling removed duing the MLC project.	20150031.0
B330 - SO (2)	Solvent Waste Transfer Piping	B/330 (BH-23)	**Removed Component**	B/330 AOC	No Further Action *	1	Small section of solvent waste transfer piping above slab but below ceiling was removed along with solvent waste lift station at BH-23. **Removed 3/20/15**	20150031.1
B/330-TMAH	Waste TMAH Transfer Piping	B/330C and B/330D	**Removed, Abandoned**	B/330 AOC	No Further Action *	1	This SWMU includes all Waste TMAH Transfer systems, including starting points at Waste TMAH sump/ lift stations in screener cores through all TMAH reclaim piping and TMAH wastewater piping to end points at entrance to Unit # B/338-TMAH. Sumps are listed below and included in SWMU count as zero additional SWMUs**.** All components and piping were removed with the exception of abandoned-in-place TMAH reclaim pipe segments located above the suspended ceiling in B/330D between AY27-AZ29 (approx. 60 feet) and in B/330C between AA26-AA31 (approx. 120 feet). Abandoned in place segments were flushed with DI water, air dried and verified neutral. **Removed/Abandoned 100% complete as of 8/13/15.**	20150032.0
B/330-TMAH	Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367	B/330D BB-37	**Removed Component**	B/330 AOC	No Further Action *	0	1,500 gal capacity stainless TMAH wastewater sump/lift serving screeners Hex # 7.1 and 7.3. **Removed 4/24/15**	20150032.1
B/330-TMAH	Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369	B/330D BC-37	**Removed Component**	B/330 AOC	No Further Action *	0	1,500 gal capacity stainless TMAH wastewater sump/lift serving screeners Hex # 7.2 and 7.4. **Removed 4/23/15**	20150032.2
B/330-TMAH	Core 21D, Waste TMAH Sump/Lift Station in Area 2, CS3401 & CS3402	B/330D BG-26	**Removed Component**	B/330 AOC	No Further Action *	0	1,500 gal capacity stainless TMAH wastewater sump/lift serving screeners Hex # 2.12 and 2.15. **Removed 5/7/15.**	20150032.3

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B/330-TMAH	Core 21D, Waste TMAH Sump/Lift Station in Area 2, CS3403 & CS3404	B/330D BF-26	**Removed Component**	B/330 AOC	No Further Action *	0	1,500 gal capacity stainless TMAH wastewater sump/lift serving screeners Hex # 2.13 and 2.14. **Removed 5/7/15**	20150032.4
B/330-TMAH	Core 22D, Waste TMAH Sump/Lift Station in Area 2, CS3405 & CS3406	B/330D BB-26	**Removed Component**	B/330 AOC	No Further Action *	0	1,500 gal capacity stainless TMAH wastewater sump/lift serving screeners Hex # 2.2 and 2.16 **Removed 5/19/15**	20150032.5
B/330-TMAH	Core 22D, Waste TMAH Sump/Lift Station in Area 2, CS3407 & CS3408	B/330D AZ-26	**Removed Component**	B/330 AOC	No Further Action *	0	1,500 gal capacity stainless TMAH wastewater sump/lift serving screeners Hex # 2.3 and 2.17 **Removed 5/19/15**	20150032.6
B/330-TMAH	Core 3D, Waste TMAH Sump/Lift Station in Area 4	B/330D BD-34	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **inspected and sampled on 5/29/15.**	20150032.7
B/330-TMAH	Core 4D, Waste TMAH Sump/Lift Station in Area 4	B/330D BE-34	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **inspected and sampled on 5/29/15.**	20150032.8
B/330-TMAH	Core 5D, Waste TMAH Sump/Lift Station in Area 4	B/330D BD-33	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **inspected and sampled on 5/29/15.**	20150032.9
B/330-TMAH	Core 6D, Waste TMAH Sump/Lift Station in Area 4	B/330D BE-32	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **inspected and sampled on 5/29/15.**	20150032.11
B/330-TMAH	Core 7D, Waste TMAH Sump/Lift Station in Area 4	B/330D BD-30	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **inspected and sampled on 5/29/15.**	20150032.12
B/330-TMAH	Core 8D, Waste TMAH Sump/Lift Station in Area 4	B/330D BE-29	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **inspected and sampled on 5/29/15.**	20150032.13
B/330-TMAH	Core 15D, Waste TMAH Sump/Lift Station in Area 30	B/330D BF-40	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, **Inspected and sampled on 3/11/15.**	20150032.14

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B/330-TMAH	Core 15D, Waste TMAH Sump/Lift Station in Area 30	B/330D BG-39	**Removed Component**	B/330 AOC	No Further Action *	0	Pit for previously removed TMAH wastewater sump/lift. Pit and trenches were cleaned, I**nspected and sampled on 3/11/15.**	20150032.15
B/330-TMAH	Core 2C, Waste TMAH Sump/Lift Station in Area 9, CS0469	B/330C AB-25	**Removed Component**	B/330 AOC	No Further Action *	0	Unspecified capacity stainless TMAH wastewater sump/lift tank **Removed 5/21/15**	20150032.16
B/330-TMAH	Core 1C, Waste TMAH Sump/Lift Station in Area 9, CS0470	B/330C AC-25	**Removed Component**	B/330 AOC	No Further Action *	0	Unspecified capacity stainless TMAH wastewater sump/lift tank **Removed 5/21/15**	20150032.17
B/330-TMAH	Core 6C, Waste TMAH Sump/Lift Station in Area 9, CS0474	B/330C V-27	**Removed Component**	B/330 AOC	No Further Action *	0	Unspecified capacity stainless TMAH wastewater sump/lift tank **Removed 5/28/15**	20150032.18
B/330-TMAH	Core 4C, Waste TMAH Sump/Lift Station in Area 9, Unlabeled	B/330C Z-27	**Removed Component**	B/330 AOC	No Further Action *	0	Unspecified capacity stainless TMAH wastewater sump/lift tank **Removed 5/28/15**	20150032.19
B/330-TMAH	Proceco Hex# 9.8, Sump/Lift Station for TMAH Degreaser #3 in Area 9, Labeled ECOL 2192	B/330C Z-25	**Removed Component**	B/330 AOC	No Further Action *	0	Unspecified capacity stainless TMAH wastewater sump/lift tank **Removed 5/28/15**	20150032.21
B/338-TMAH	Waste TMAH Transfer Piping	B/338 and B/339	**Removed**	B/330 AOC	No Further Action *	1	Includes all TMAH and TMACL waste transfer piping entering and contained in B/338 and B/339. **Removal 100% complete as of 8/6/15**	20150033
						31	Total SWMUs closed under MLC decontamination/demolition scope	

ARCADIS

Table 2
Facilities Receiving Decontaminated
SWMU Components, MLC
Packaging End of Life Project

Table 2
Facilities Receiving Decontaminated SWMU Components

SWMU Closure Report
MLC Packaging End of Life Project
IBM/GLOBALFOUNDRIES
East Fishkill, New York

Vendor	Materials Managed	Method	Transporter
Millens Metal Recycling 4 Kieffer Lane Kingston, NY 12401	Scrap Metal	Recycle	Millens
Seneca Meadows Landfill 1786 Salcman Road Waterloo, NY 13165	Non-Metal Debris (Plastics)	Landfill	Royal
Ontario County Landfill 1879 State Route 5 and 20, Stanley, NY 14561	Non-Metal Debris (Plastics)	Landfill	Royal
Dutchess County Resource Recovery Facility 96 Sand Dock Rd Poughkeepsie, NY 12601	Non-Metal Debris (Plastics)	Waste to Energy Facility	Royal

ARCADIS

Figures

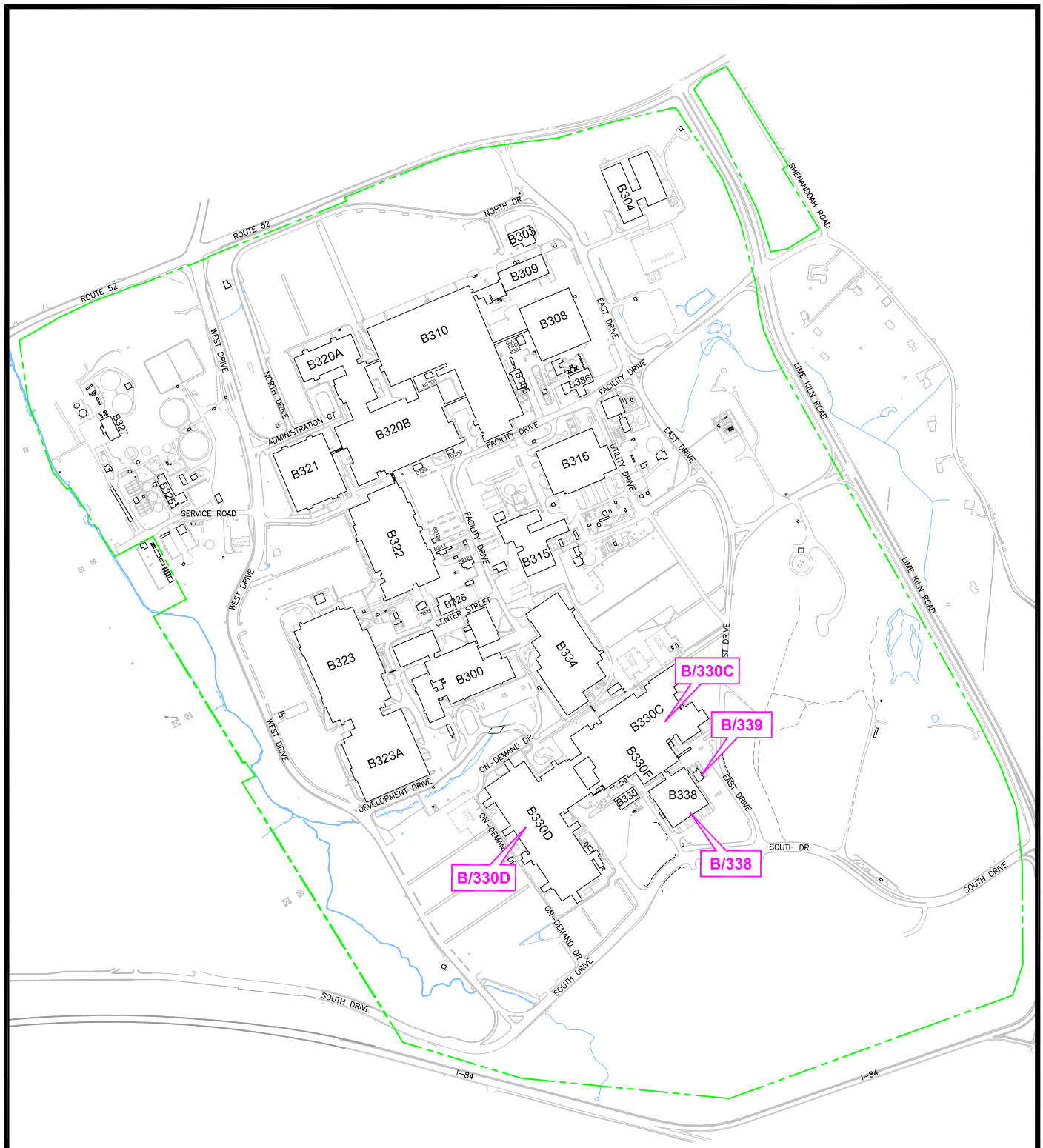


Figure 1

LEGEND

- Former IBM East Fishkill Facility Property Line

Basemap: Chazen Engineering, Land Surveying & Landscape Architechure Co., D.P.C., Poughkeepsie NY (XBASE-SVY_51421-00.dwg, 8/10/15).

Scale

0 400' 800'

Former IBM East Fishkill Facility

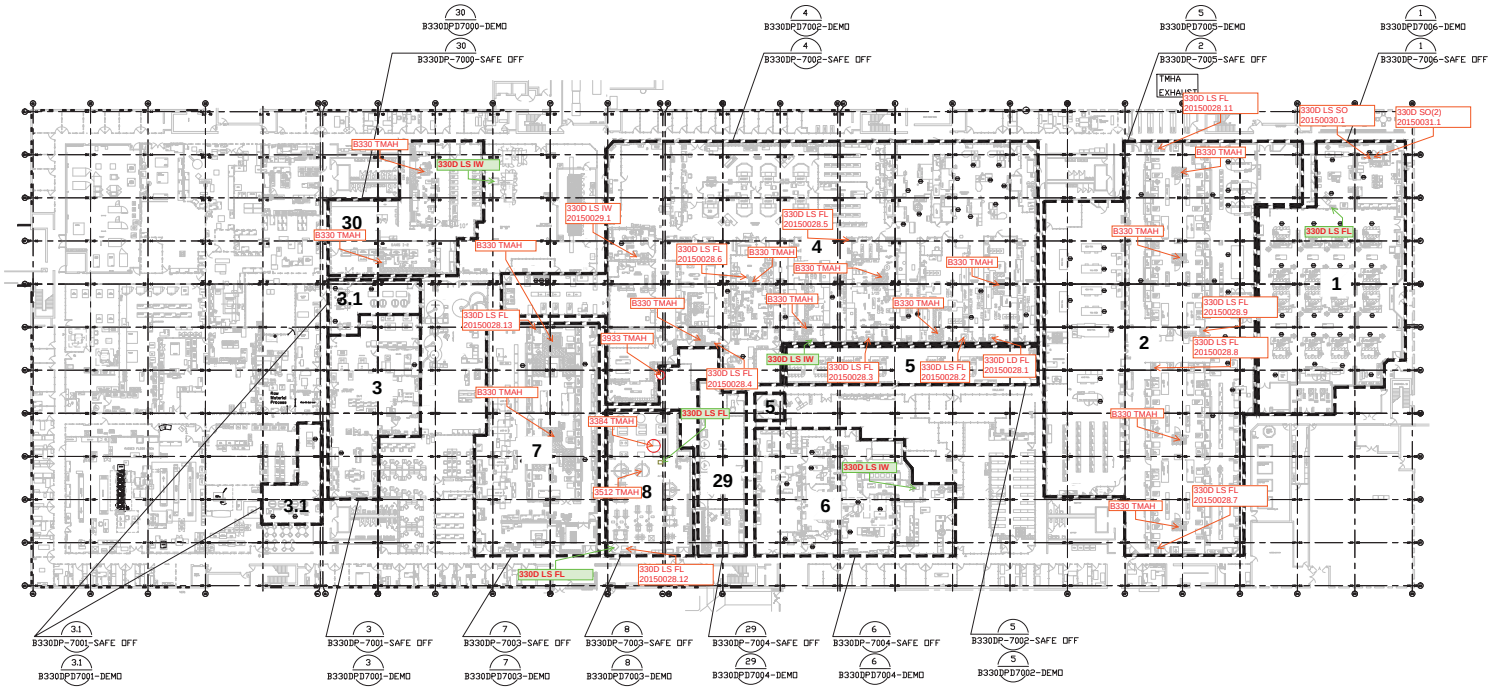
MLC End of Life Project
SWMU Closure Locations

DRAWN BY: MHM	DATE: 2/18/16	DRAWING NO.
CHECKED & APPROVED BY: CES		95007-106-A1

GROUNDWATER SCIENCES CORPORATION

ARCADIS

Floor Plan Mark-Ups



AREAS OF WORK

1 80K PUNCH & DIE SHOP
2 80K, LEAN LINE
3 B/330D GREENSIZE
3.1 B/330D CLEANING VAC SYSTEMS (TWO AREAS)
4 M3-2
5 PUNCH 9 (TWO AREAS)
6 LAP / POLISH
7 WHITE ROOM
8 B/330D TMAH SUPPORT ROOM
29 B/220D TMAH DEVELOPMENT LAB
30 M3-2 ANNEX

MARK-UP KEY:

Red labels point to actual location of SWMUs removed by MLC End of Life Project or from prior projects.

Green labels with bold names point to locations that will remain active.

NORTH

PROFESSIONAL SEAL

CH2MHILL
Pittsburgh Office
Five Penn Center West
Suite 300, Robinson Twp.
Pittsburgh, PA 15276

PROJECT: MLC EOL
COORDINATOR: JOE SHEEHAN
DESIGNER: CH2M HILL
ENGINEER: CH2M HILL
CONST. MGR: WHITING TURNER

Rev.	Date	Issued For	By
1	10/08/14	ISSUED FOR CONSTRUCTION	JF
0	09/29/14	ISSUED FOR CONSTRUCTION	JF

** REVISIONS **

KEY PLAN

IBM PROJ. #: EFXXXXX | IDC PROJ. #: 650156

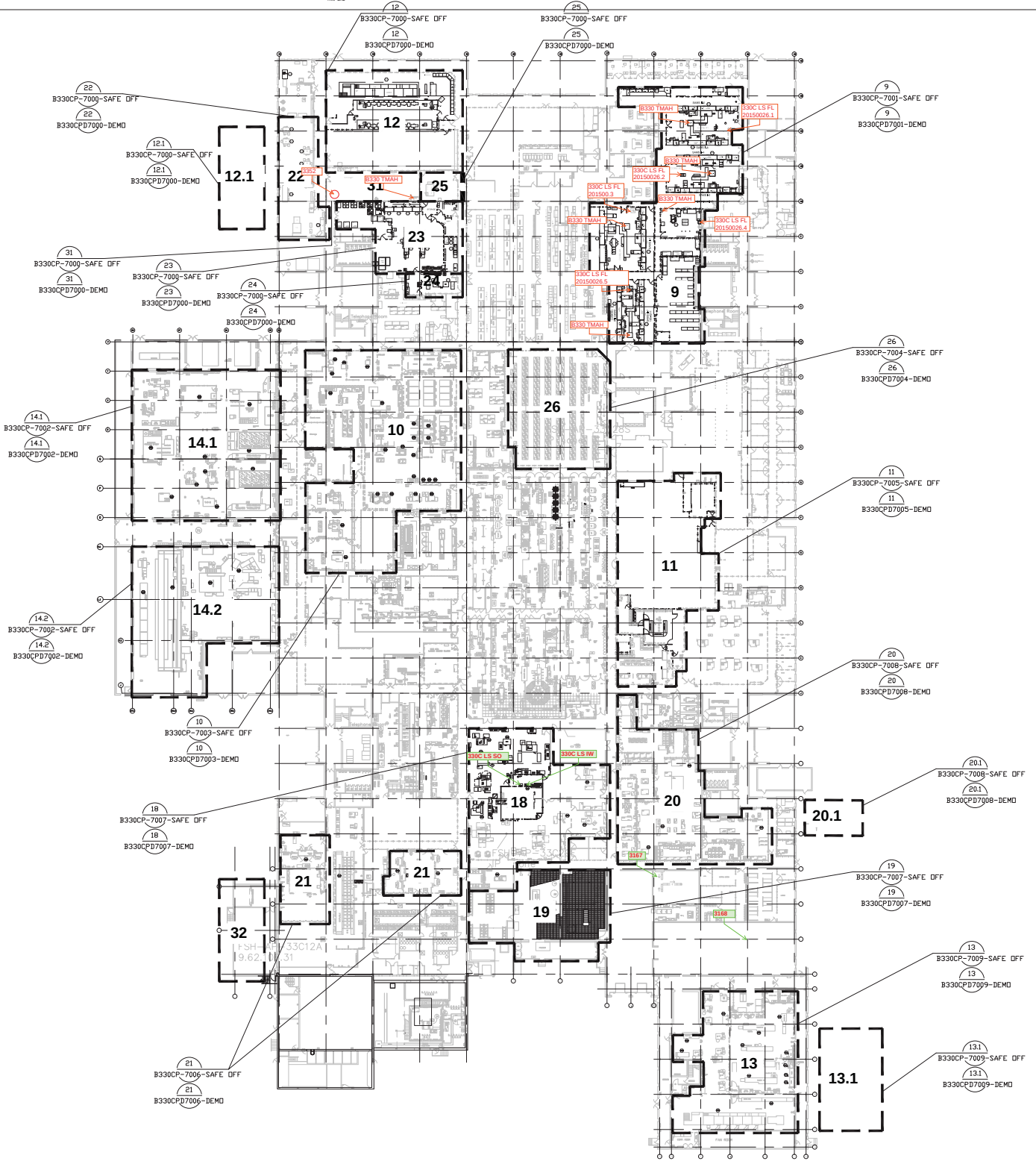
IBM FACILITIES ENGINEERING
GTD EAST FISHKILL
HOPEWELL JUNCTION, NY

B330D – PROCESS
LEVEL 1
OVERALL
FLOOR PLAN

DRAWN BY:
DATE: 08/06/14
APRVD BY:
DATE: -
SCALE: NONE
SHEET - OF -
DWG NO: B330DP-0100

Border 34"X 44" Revised 11\6\06

\\HARMONIA\PROJ\650156\1WIP\P\DWGS PROCESS\B330DP-0100.dwg
rtoppin October 08, 2014 - 3:10pm



MARK-UP KEY:

Red labels point to actual location of SWMUs removed by MLC End of Life Project or from prior projects.

Green labels with bold names point to locations that will remain active.

AREAS OF WORK

9	BASELINE
10	TEST AREA
11	BUTVAR STORAGE
12	CASTER 2 & 3
12.1	RTO #3
13	CASTER ANNEX & RT04
13.1	RTO #4
14.1	THERMAL TEST (F1)
14.2	THERMAL TEST (F2)
18	B/330C GREENSIZE, GRIND
19	LIQUIDS
20	PASTE
20.1	DUST COLLECTOR
21	CSR (2 AREAS)
22	BALL MILL
23	B/330C BLANKING
24	SEND AHEAD
25	MAG CLEANER
26	B/330C CRIB
31	B/330C TMAH SUPPORT
32	B/330CTOXIC GAS ROOM

PROFESSIONAL SEAL

CH2MHILL
Pittsburgh Office
Five Penn Center West
Suite 300, Robinson Twp.
Pittsburgh, PA 15276

PROJECT: MLC EOL
COORDINATOR: JOE SHEEHAN
DESIGNER: CH2M HILL
ENGINEER: CH2M HILL
CONST. MGR: WHITING TURNER

Rev.	Date	Issued For	By
1	10/08/14	ISSUED FOR CONSTRUCTION	JF
0	09/29/14	ISSUED FOR CONSTRUCTION	JF

** REVISIONS **

KEY PLAN

IBM PROJ. #: 67XXXXX | DC PROJ. #: 650156

IBM FACILITIES ENGINEERING
GTD EAST FISHKILL
HOPEWELL JUNCTION, NY

B330C – PROCESS LEVEL 1 OVERALL PLAN

DRAWN BY: DATE:	APRVD BY: DATE:
SCALE: NONE	SHEET OF
DWG NO:	B330CP-0100

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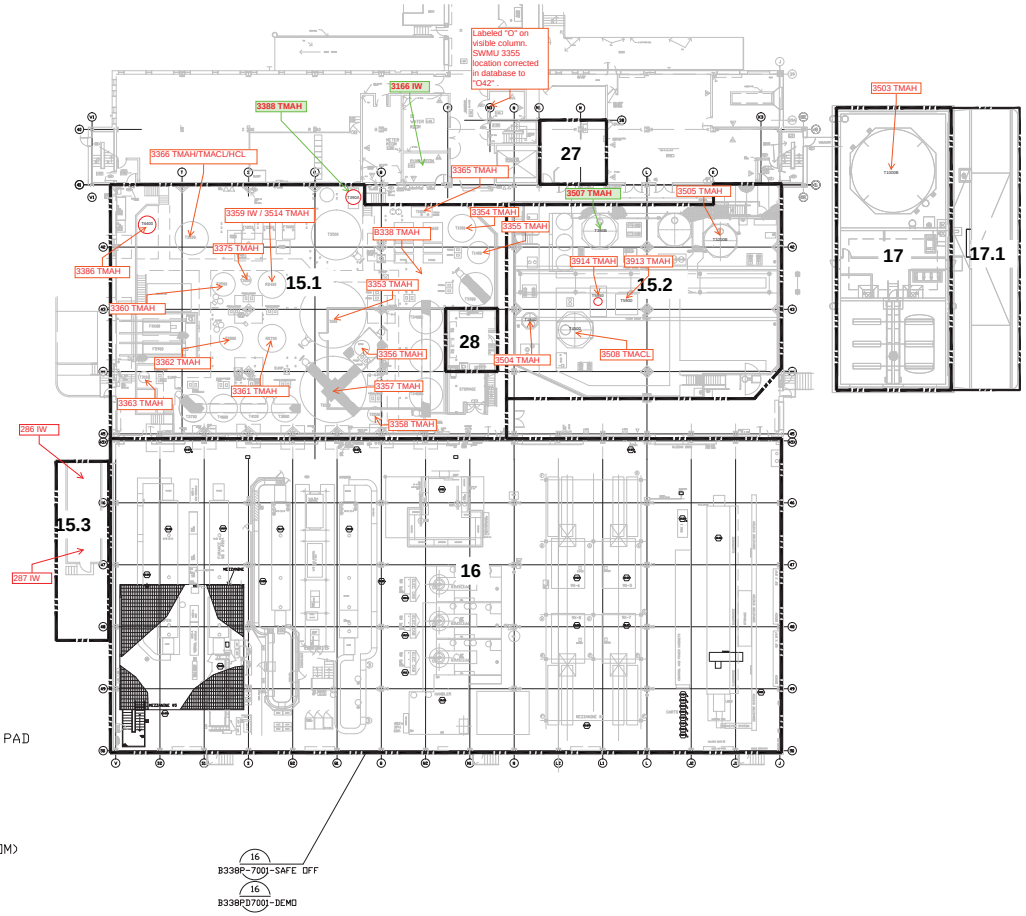


MARK-UP KEY:

Red labels point to actual location of SWMUs removed by MLC End of Life Project or from prior projects.

Green labels with bold names point to locations that will remain active.

AREAS OF WORK

15.1 ORIGINAL TMAH PROCESS AREA
15.2 EAST TMAH PROCESS AREA
15.3 CARBON WATER BUILDING AND UNLOAD PAD
16 B/338 SINTERING
17 B/339 TMAH
17.1 UNLOAD PAD
27 B/338-2 SUBSTATION ROOM
28 B/338 TMAH MEZZ ROOM (CONTROL ROOM)

PROFESSIONAL SEAL

CH2MHILL
Pittsburgh Office
Five Penn Center West
Suite 300, Robinson Twp.
Pittsburgh, PA 15276

PROJECT: MLC EOL
COORDINATOR: JOE SHEEHAN
DESIGNER: CH2M HILL
ENGINEER: CH2M HILL
CONST. MGR: WHITING TURNER

Rev.	Date	Issued For	By
1	10/08/14	ISSUED FOR CONSTRUCTION	JF
0	09/29/14	ISSUED FOR CONSTRUCTION	JF

** REVISIONS **

KEY PLAN

IBM PROJ. #: EFXXXXX IDC PROJ. #: 650156

IBM FACILITIES ENGINEERING
GTD EAST FISHKILL
HOPEWELL JUNCTION, NY

B338 – PROCESS
LEVEL 1
OVERALL
FLOOR PLAN

DRAWN BY:
DATE: 08/06/14
APRVD BY:
DATE: -
SCALE: NONE
SHEET - OF -
DWG NO: B338P-0100

\\HARMONIA\PROJ\650156\1WIP\PI\DWGS PROCESS\B338P-0100.dwg
rogpin October 08, 2014 - 3:20pm

Border 34"X 44" Revised 11\6\06

Attachments

A Soild Wast Mangement Unit Closure Checklists

B Solid Waste Mangement Unit Decontamination Verification Tables

ARCADIS

Attachment A

Solid Waste Management Unit
Closure Checklists

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Outside**	**Project Area**	**15.3**	**Index #**	**20150001**
SWMU Name:	**286**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**5,000 gal. Steel Pfeiffer V Carbon Water Tank in Containment Building**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed	x			Pass	See Note:	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling	7/27/2015		
2. Date Containment Pit/Trench Verified Clean	NA		
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/29/2015

Pictures:	**Attached**
Data:	**Table # 16**
Notes:	**Tank contained non-hazardous carbon wastewater. Tank was emptied into tanker for offsite disposal by Clean Harbors, Bristol, CT. Decontamination was performed on the interior and exterior surfaces of tank. Hardened carbon residue was scraped and rinsed into drum from bottom sections of demolished tank. Drum was removed by Techtron to be profiled for offsite disposal. Verification of pH was performed during tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 286 – Industrial Wastewater
Steel Pfeiffer V Carbon Water Tank
Area 15.3 (Outside), Index No. 2015001 – Clean Verified 7/29/15

Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**L47-N47**	**Project Area**	**16**	**Index #**	**20150001.1**
SWMU Name:	**286**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**9x-6 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent to Tank 286**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			4/20/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	4/20/2015	

Pictures:	**Attached**
Data:	**Table # NA**
Notes:	**Component was located within process tool and collected carbon wastewater for direct pumping to SWMU 286. Component is not a listed SWMU. Collection tank was visually inspected after inspection holes were cut with torch and confirmed to be free of fluids and residue. Sampling was not required.**
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 286 – Industrial Wastewater
9x-6 Furnace stainless steel de-saturator waste tank
Area 16 at L47-N47, Index No. 2015001.1 – Clean Verified 4/20/15

Pre-Removal

As Disabled for Removal

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	L47-N47	Project Area	16	Index #	20150001.2
SWMU Name:	286								
SWMU Description:	Industrial Wastewater								
SWMU Component:	9x-7 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent to Tank 286								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			4/20/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	4/20/2015	

Pictures:	Attached
Data:	Table # NA
Notes:	Component was located within process tool and collected carbon wastewater for direct pumping to SWMU 286. Component is not a listed SWMU. Collection tank was visually inspected after inspection holes were cut with torch and confirmed to be free of fluids and residue. Sampling was not required.
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 286 – Industrial Wastewater
9x-7 Furnace stainless steel de-saturator waste tank Area 16 at L47-N47, Index No. 2015001.2 – Clean Verified 4/20/15

Pre-Removal

As Disabled for Removal

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**L47-N47**	**Project Area**	**16**	**Index #**	**20150001.3**
SWMU Name:	**286**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**9x-8 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent to Tank 286**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained			x	Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			4/20/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	4/20/2015	

Pictures:	**Attached**
Data:	**Table # NA**
Notes:	**Component was located within process tool and collected carbon wastewater for direct pumping to SWMU 286. Component is not a listed SWMU. Collection tank was visually inspected after inspection holes were cut with torch and confirmed to be free of fluids and residue. Sampling was not required.**
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 286 – Industrial Wastewater
9x-8 Furnace stainless steel de-saturator waste tank
Area 16 at L47-N47, Index No. 2015001.3 – Clean Verified 4/20/15

Pre-Removal

As Disabled for Removal

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**L47-N47**	**Project Area**	**16**	**Index #**	**20150001.4**
SWMU Name:	**286**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**9x-5 Furnace stainless steel de-saturator waste tank , (approximately 100 gal.)/ lift station in tool, pumped carbon effluent to Tank 286**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained			x	Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			4/20/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	4/20/2015	

Pictures:	**Attached**
Data:	**Table # NA**
Notes:	**Component was located within process tool and collected carbon wastewater for direct pumping to SWMU 286. Component is not a listed SWMU. Collection tank was visually inspected after inspection holes were cut with torch and confirmed to be free of fluids and residue. Sampling was not required.**
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 286 – Industrial Wastewater
9x-5 Furnace stainless steel de-saturator waste tank
Area 16 at L47-N47, Index No. 2015001.4 – Clean Verified 4/20/15

Pre-Removal

As Disabled for Removal

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	N-48	Project Area	16	Index #	20150001.5

SWMU Name:	286
SWMU Description:	Industrial Wastewater
SWMU Component:	Binder water stainless steel tank/lift station, pumped carbon effluent to Tank 286

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			6/2/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	6/2/2015	

Pictures:	Attached
Data:	Table # NA
Notes:	Component was connected to process tool and collected carbon wastewater for direct pumping to SWMU 286. Component is not a listed SWMU. Tank was previously drained. Residual fluids and rinse water were collected in a drum for offsite disposal in bulk by Clean Harbors, Bristol, CT.

Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 286 – Industrial Wastewater
Binder water tank/lift station, pumped carbon effluent to Tank 286
Area 16 at N48, Index No. 2015001.5 – Clean Verified 6/02/15

Pre-Removal

As Disabled for Removal

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Outside**	**Project Area**	**15.3**	**Index #**	**20150002**
SWMU Name:	**287**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**5,000 gal. Steel Pfeiffer V Carbon Water Tank in Containment Building**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			7/23/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/28/2015	

Pictures:	**Attached**
Data:	**Table # 16**
Notes:	**Tank contained non-hazardous carbon wastewater.Tank was emptied into tanker for offsite disposal by Clean Harbors, Bristol, CT. Decontamination was performed on the interior and exterior surfaces of tank. Verification of pH was performed during tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Steel Pfeiffer V Carbon Water Tank
Area 15.3 (Outside), Index No. 2015002 – Clean Verified 7/28/15

Pre-Removal

Decontaminated/Demoed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**P-36**	**Project Area**	**14.1**	**Index #**	**20150002.1**
SWMU Name:	**287**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**Stainless steel lift station for pumped effluent from Areas 14.1 and 14.2 Pfeiffer Furnaces to Tank 287**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination		x				
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			7/17/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	7/17/2015	

Pictures:	**Attached**
Data:	**Table # 10**
Notes:	**Component was a lift station for process tools and collected carbon wastewater for direct pumping to SWMU 287. Component is not a listed SWMU. Tank was previously drained. Residual fluids and rinse water were collected in a drum for offsite disposal in bulk by Clean Harbors, Bristol, CT. Interior walls and top of lift tank and two lift pumps were rinsed and tested with pH test strips.**
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Lift Station for Pumped Effluent from Areas 14.1 and 14.2 Pfeiffer Furnaces to Tank 287
Area 14.1 at P-36, Index No. 2015002.1 – Clean Verified 7/17/15

Pre-Removal

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	Q-36	Project Area	14.1	Index #	20150002.2

SWMU Name:	287
SWMU Description:	Industrial Wastewater
SWMU Component:	Pfeiffer A furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel, pumped effluent to Area 14.1 lift station for Tank 287

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/26/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/26/2015	

Pictures:	Attached
Data:	Table # 10
Notes:	Component was located within process tool and collected carbon wastewater for direct pumping to lift station for SWMU 287. Component is not a listed SWMU. Collection tank was visually inspected after lid was removed, confirmed to be free of fluids and residue, and tested with pH test strips.

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Pfeiffer A furnace industrial waste tank/lift station
Area 14.1 at Q-36, Index No. 2015002.2 – Clean Verified 5/26/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**R-36**	**Project Area**	**14.1**	**Index #**	**20150002.3**
SWMU Name:	**287**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**Pfeiffer B furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel, pumped effluent to Area 14.1 lift station for Tank 287**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/29/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	**Attached**
Data:	**Table # 10**
Notes:	**Component was located within process tool and collected carbon wastewater for direct pumping to lift station for SWMU 287. Component is not a listed SWMU. Collection tank was visually inspected after lid was removed, confirmed to be free of fluids and residue, and tested with pH test strips.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Pfeiffer B furnace industrial waste tank/lift station
Area 14.1 at R-36, Index No. 2015002.3 – Clean Verified 5/29/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**S-35**	**Project Area**	**14.1**	**Index #**	**20150002.4**
SWMU Name:	**287**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**Pfeiffer 5-4 furnace industrial waste tank/lift station, 100 gal. (approximate) stainless steel, pumped effluent to Area 14.1 lift station for Tank 287**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/26/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/26/2015	

Pictures:	**Attached**
Data:	**Table # 10**
Notes:	**Component was located within process tool and collected carbon wastewater for direct pumping to lift station for SWMU 287. Component is not a listed SWMU. Tank was previously drained. Residual fluids and rinse water were collected in a drum for offsite disposal in bulk by Clean Harbors, Bristol, CT. Tank was tested with pH test strips after rinsing.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Pfeiffer 5-4 furnace industrial waste tank/lift station Area 14.1 at S-35 Index No. 2015002.4 – Clean Verified 5/26/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**R-38**	**Project Area**	**14.1**	**Index #**	**20150002.5**
SWMU Name:	**287**								
SWMU Description:	**Industrial Wastewater**								
SWMU Component:	**Pfeiffer 5-5 furnace industrial waste tank/lift station, 100 gal. (approximate) stainless steel, pumped effluent to Area 14.1 lift station for Tank 287**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/26/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/26/2015	

Pictures:	**Attached**
Data:	**Table # 10**
Notes:	**Component was located within process tool and collected carbon wastewater for direct pumping to lift station for SWMU 287. Component is not a listed SWMU. Tank was previously drained. Residual fluids and rinse water were collected in a drum for offsite disposal in bulk by Clean Harbors, Bristol, CT. Tank was tested with pH test strips after rinsing.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Pfeiffer 5-5 furnace industrial waste tank/lift
Area 14.1 at R-38 Index No. 2015002.5 – Clean Verified 5/26/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	M-37	Project Area	14.2	Index #	20150002.6

SWMU Name:	287
SWMU Description:	Industrial Wastewater
SWMU Component:	Pfeiffer C furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel, pumped effluent from Area 14.2 to the Area 14.1 lift station for Tank 287

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	CH Bristol	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/26/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/26/2015	

Pictures:	Attached
Data:	Table # 10
Notes:	Component was located within process tool and collected carbon wastewater for direct pumping to lift station for SWMU 287. Component is not a listed SWMU. Tank was previously drained. Residual fluids and rinse water were collected in a drum for offsite disposal in bulk by Clean Harbors, Bristol, CT. Tank was tested with pH test strips after rinsing.

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU# 287 – Industrial Wastewater
Pfeiffer C furnace industrial waste tank/lift station
Area 14.2 at M-37 Index No. 2015002.6 – Clean Verified 5/26/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Q-43**	**Project Area**	**15.1**	**Index #**	**20150003**
SWMU Name:	**3353**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x		x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			6/25/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/25/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3353 - Waste TMAH
Waste TMAH - Main Storage Tank T1000A, Main Surge Tank T1000
Area 15.1 at Q-43, Index No. 20150003 - Clean Verified 6/25/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**P-41**	**Project Area**	**15.1**	**Index #**	**20150004**
SWMU Name:	**3354**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**5,575 gal. stainless, Waste TMAH, Ultrafilter Concentrate Tank T1300**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates			
1. Date Tank/Pipes Verified Clean for Scrap Recycling		6/22/2015	
2. Date Containment Pit/Trench Verified Clean		NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/22/2015

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3354 - Waste TMAH
Waste TMAH, Ultrafilter Concentrate Tank T1300
Area 15.1 at P-41, Index No. 20150004 - Clean Verified 6/22/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**N-42**	**Project Area**	**15.1**	**Index #**	**20150005**
SWMU Name:	**3355**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**4,500 gal. HDPE, Waste TMAH, Ultrafilter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

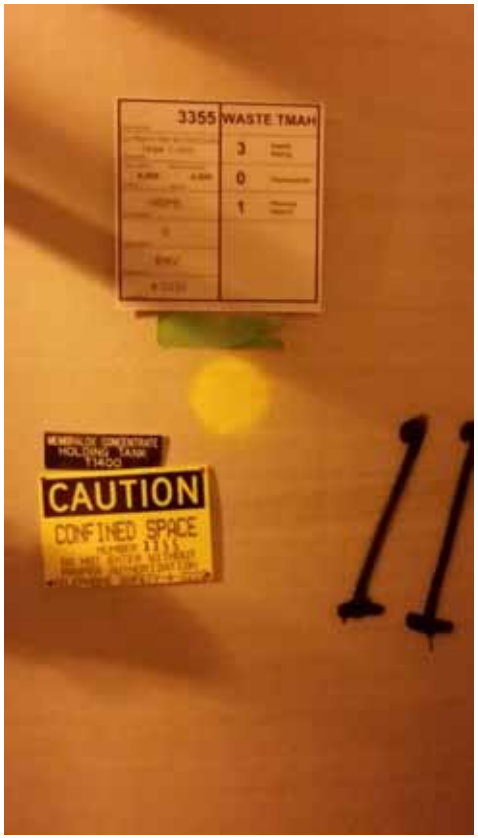
Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/22/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/22/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3355 - Waste TMAH
Waste TMAH, Ultrafilter Blowdown Tank, Membralox Concentrate Holding Tank T1400
Area 15.1 at N-42, Index No. 20150005 - Clean Verified 6/22/15

Tank Pre-Removal



Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Q-44**	**Project Area**	**15.1**	**Index #**	**20150006**
SWMU Name:	**3356**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**1,500 gal. HDPE, Waste TMAH, pH Adjustment Module R1700, CS3356**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	See Note	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates				
1. Date Tank/Pipes Verified Decontaminated for Disposal			7/13/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/13/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. Solid residuals were removed and drummed for offsite disposal by Clean Harbors based on waste classification. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3356 - Waste TMAH
Waste TMAH, pH Adjustment Module R1700, CS3356
Area 15.1 at Q-44, Index No. 20150006 - Clean Verified 7/13/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Q-45**	**Project Area**	**15.1**	**Index #**	**20150007**
SWMU Name:	**3357**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**39,000 gal. stainless, Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x		x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			6/18/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/18/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3357 - Waste TMAH
Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100
Area 15.1 at Q-45, Index No. 20150007 - Clean Verified 6/18/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Q-45**	**Project Area**	**15.1**	**Index #**	**20150008**
SWMU Name:	**3358**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**1,500 gal. HDPE, Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Failed	See Note	
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x		x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See note	
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal (Absence of Corrosive Waste, with Residue <0.3% of Tank Capacity by Weight)			6/10/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/10/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	Demolished tank was visually inspected and pH verification performed with Hydrion test strips on moistened surfaces. Parts of this tank did not meet the target range of pH 5 to pH 8, with the observed pH ranging between 3.0 and 3.5 on thin residue (<0.3% of tank capacity by weight) that could not be further removed by scraping and low pressure rinse. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3358 - Waste TMAH
Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
Area 15.1 at Q-45, Index No. 20150008 - Clean Verified 6/10/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	S-42	Project Area	15.1	Index #	20150009
SWMU Name:	3360								
SWMU Description:	TMAH wastewater								
SWMU Component:	6,000 gal. HDPE, Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS3360								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	See Note	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates				
1. Date Tank/Pipes Verified Decontaminated for Disposal			6/22/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/22/2015	

Pictures:	Attached
Data:	Table # 12
Notes:	Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. Solid residuals were removed by Techtron and drummed for offsite disposal by Clean Harbors based on waste classification. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3360 - TMAH Wastewater
Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS3360
Area 15.1 at S-42, Index No. 20150009 - Clean Verified 6/22/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**S-43**	**Project Area**	**15.1**	**Index #**	**20150010**
SWMU Name:	**3361**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**6,500 gal. stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates				
1. Date Tank/Pipes Verified Clean for Scrap Recycling			6/25/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/25/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3361 – Waste TMAH
Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
Area 15.1 at S-43, Index No. 20150010 - Clean Verified 6/25/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**S-43**	**Project Area**	**15.1**	**Index #**	**20150011**
SWMU Name:	**3362**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**6,000 gal. HDPE, MTL Waste & Membralox T-2800, CS3362**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	See Note	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/16/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/16/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. Solid residuals were removed by Techtron and drummed for offsite disposal by Clean Harbors based on waste classification. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3362 – Waste TMAH
MTL Waste & Membralox T-2800, CS3362
Area 15.1 at S-43, Index No. 20150011 - Clean Verified 6/16/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**V-44**	**Project Area**	**15.1**	**Index #**	**20150012**
SWMU Name:	**3363**								
SWMU Description:	**TMAH wastewater**								
SWMU Component:	**290 gal. HDPE IW Contents Filtrate Tank T-3100**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal		6/10/2015	
2. Date Containment Pit/Trench Verified Clean		NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/10/2015

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3363 - TMAH Wastewater
IW Contents Filtrate Tank T-3100
Area 15.1 at V-44, Index No. 20150012 - Clean Verified 6/10/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**Q-41**	**Project Area**	**15.1**	**Index #**	**20150013**
SWMU Name:	**3365**								
SWMU Description:	**Waste TMAH**								
SWMU Component:	**1,680 gal. stainless rectangular, Waste TMAH, WAC Lift Station Tank T1800, CS3365**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates				
1. Date Tank/Pipes Verified Clean for Scrap Recycling			7/13/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/13/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3365 – Waste TMAH
Waste TMAH, WAC Lift Station Tank T1800, CS3365
Area 15.1 at Q-41, Index No. 20150013 - Clean Verified 7/13/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**T-42**	**Project Area**	**15.1**	**Index #**	**20150014**

SWMU Name:	**3366**
SWMU Description:	**TMACL wastewater**
SWMU Component:	**14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366**

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/11/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/11/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3366 – TMACL Wastewater
Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366
Area 15.1 at T-42, Index No. 20150014 - Clean Verified 6/11/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	S-42	Project Area	15.1	Index #	20150015

SWMU Name:	3375
SWMU Description:	Waste TMAH
SWMU Component:	290 gal. HDPE, Industrial Waste, Supernatant Lift Tank T3000, CS3375

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/10/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/10/2015	

Pictures:	Attached
Data:	Table # 12
Notes:	Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3375 – Waste TMAH
Supernatant Lift Tank T3000, CS3375
Area 15.1 at S-42, Index No. 20150015 - Clean Verified 6/10/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**T-42**	**Project Area**	**15.1**	**Index #**	**20150016**

SWMU Name:	**3386**
SWMU Description:	**TMACL wastewater**
SWMU Component:	**2,000 gal. PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392**

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/10/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/10/2015	

Pictures:	**Attached**
Data:	**Table # 12**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3386 – TMACL Wastewater
WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392
Area 15.1 at T-42, Index No. 20150016 - Clean Verified 6/10/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**339**	**Column References**	**Pump-house**	**Project Area**	**17**	**Index #**	**20150017**

SWMU Name:	**3503 (Labeled 3513)**
SWMU Description:	**TMAH wastewater**
SWMU Component:	**125,000 gal. Stainless Steel Waste Equalization Tank T1000B, TMAH Wastewater**

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			7/30/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/30/2015	

Pictures:	**Attached**
Data:	**Table # 17**
Notes:	**Unit#3503 is the original SWMU Unit# for tank labeled 3513, located in the high wall containment section of Building 339. Initial pH verification with Hydrion test strips was conducted by Techtron during confined space tank decontamination. Final visual inspection and pH verification was conducted by ARCADIS with Hydrion test strips during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3503 – TMAH Wastewater
Waste Equalization Tank T1000B, TMAH Wastewater
Area 17 in pump house, Index No. 20150017 - Clean Verified 7/30/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**N-43 / L-43**	**Project Area**	**15.2**	**Index #**	**20150018**
SWMU Name:	**3504**								
SWMU Description:	**TMAH wastewater**								
SWMU Component:	**1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal		7/7/2015	
2. Date Containment Pit/Trench Verified Clean		NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/7/2015

Pictures:	**Attached**
Data:	**Table # 8C**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3504 – TMAH Wastewater
WAC Lift Tank T1840,TMAH Wastewater
Area 15.2 at N-43/L-43, Index No. 20150018 - Clean Verified 7/7/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	K-42 / L-42	Project Area	15.2	Index #	20150019
SWMU Name:	3505								
SWMU Description:	TMACL wastewater								
SWMU Component:	12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	See Note	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/29/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/29/2015	

Pictures:	Attached
Data:	Table # 8C
Notes:	Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. Solid residuals were removed Techtron and drummed for offsite disposal by Clean Harbors based on waste classification. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3505 – TMACL Wastewater
TMACL Waste Tank T3200B, TMACL Wastewater
Area 15.2 at K-42/L-42, Index No. 20150019 - Clean Verified 6/29/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	S-43	Project Area	15.1	Index #	20150020

SWMU Name:	3514 (Labeled # 3506)
SWMU Description:	TMAH Wastewater
SWMU Component:	WBA Batch Reactor T2400, 7,000 gal. Fiberglass Reinforced Plastic (FRP) Tank was re-labeled #3506, Wastewater/Sludge, 7,100 gal. FRP, CS 3352

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	See Note	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/22/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/22/2015	

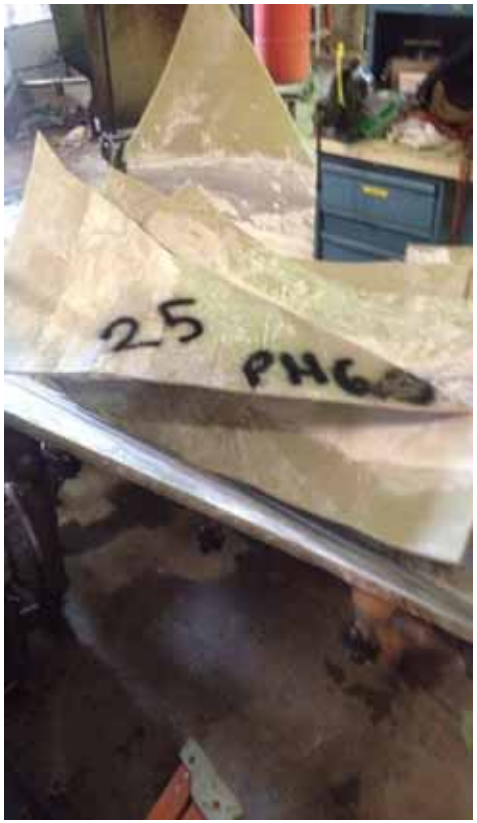
Pictures:	Attached
Data:	Table # 12
Notes:	The new tank label 3506 covered up label CS 3352 (original label 3514 no longer present). Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. Solid residuals were removed by Techtron and drummed for offsite disposal by Clean Harbors based on waste classification. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3514 (Labeled Tank #3506) – TMAH Wastewater
WBA Batch Reactor T2400, Wastewater/Sludge
Area 15.1 at S-43, Index No. 20150020 - Clean Verified 6/22/15

Tank Pre-Removal

Decontaminated/Demolished



SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	338	Column References	M-43 / L-43	Project Area	15.2	Index #	20150021

SWMU Name:	3508
SWMU Description:	TMACl wastewater
SWMU Component:	9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			7/7/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	7/7/2015	

Pictures:	Attached
Data:	Table # 8C
Notes:	Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3508 – TMACL Wastewater
TMACL Waste Neutralization Tank T4500, TMACL Wastewater
Area 15.2 at M-43/L-43, Index No. 20150021 - Clean Verified 7/7/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**BA-35**	**Project Area**	**8**	**Index #**	**20150022**
SWMU Name:	**3512**								
SWMU Description:	**TMAH Wastewater- T9000 Reclaim Transfer (in B/330D TMAH Support Room)**								
SWMU Component:	**1,700 gal. insulated stainless steel, TMAH reclaim transfer in Area 8**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates				
1. Date Tank/Pipes Verified Clean for Scrap Recycling			6/9/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/9/2015	

Pictures:	**Attached**
Data:	**Table # 9B**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3512 – TMAH Wastewater
TMAH reclaim transfer, T9000 Reclaim Transfer (in B/330D TMAH Support Room)
Area 8 at BA-35, Index No. 20150022 - Clean Verified 6/9/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**L-43**	**Project Area**	**15.2**	**Index #**	**20150023**
SWMU Name:	**3913**								
SWMU Description:	**TMAH Wastewater**								
SWMU Component:	**250 gal. stainless Blowdown UF Recirculation Tank T5900**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			6/22/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/22/2015	

Pictures:	**Attached**
Data:	**Table # 8C**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank disassembly.**

Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3913 – TMAH Wastewater
Blowdown UF Recirculation Tank T5900
Area 15.2 at L-43, Index No. 20150023 - Clean Verified 6/22/15

Tank Pre-Removal

Decontaminated/Demolished

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338**	**Column References**	**L-43**	**Project Area**	**15.2**	**Index #**	**20150024**
SWMU Name:	**3914**								
SWMU Description:	**TMAH Wastewater**								
SWMU Component:	**450 gal. stainless Permeate Lift Tank T5950, CS0418**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates			
1. Date Tank/Pipes Verified Clean for Scrap Recycling		6/18/2015	
2. Date Containment Pit/Trench Verified Clean		NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/18/2015

Pictures:	**Attached**
Data:	**Table # 8C**
Notes:	**Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank disassembly.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3914 – TMAH Wastewater
Permeate Lift Tank T5950, CS0418
Area 15.2 at L-43, Index No. 20150024 - Clean Verified 6/18/15

Tank Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**BC-35**	**Project Area**	**29**	**Index #**	**20150025**
SWMU Name:	**3933**								
SWMU Description:	**<1% TMAH Wastewater**								
SWMU Component:	**800 gal vertical, LHDPE Plastic T2200 UF Feed Tank, <1% TMAH, in Pilot Room- Area 29**								

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/10/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	6/10/2015	

Pictures:	**Attached**
Data:	**Table # 11C**
Notes:	**Placard #3933 is missing. Details are from IBM Tank Inventory. Visual inspection and pH verification with Hydrion test strips conducted during and upon completion of tank demolition. The entire demolished tank was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU #3933 – <1% TMAH Wastewater
<1% TMAH, T2200 UF Feed Tank
Area 29 at BC-35, Index No. 20150025 - Clean Verified 6/10/15

Tank Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	AC-25	Project Area	9	Index #	20150026.1

SWMU Name:	B/330C LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 9 Core

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330C LS FL - Fluoride/Heavy Metals Lift Station
Area 9, Lift Station at AC-25, Index No. 20150026.1 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	AB-25	Project Area	9	Index #	20150026.2

SWMU Name:	B/330C LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 9 Core

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

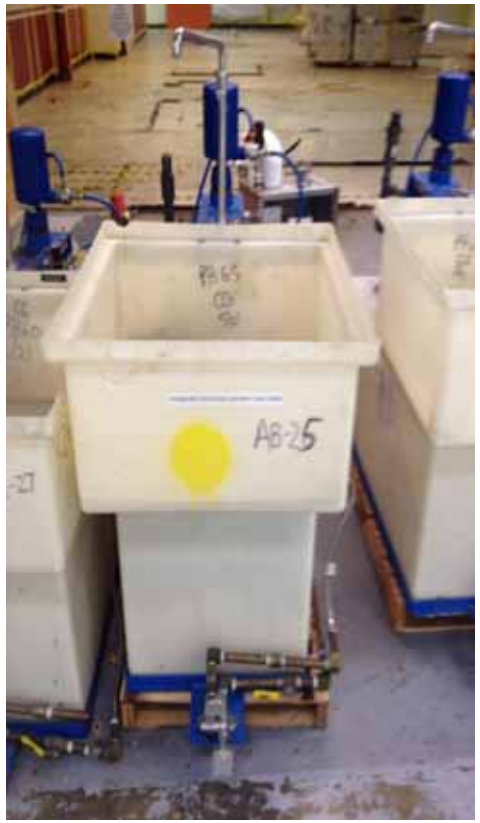
1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330C LS FL - Fluoride/Heavy Metals Lift Station
Area 9, Lift Station at AB-25, Index No. 20150026.2 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated



SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	Z-27	Project Area	9	Index #	20150026.3

SWMU Name:	B/330C LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 9 Core

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330C LS FL - Fluoride/Heavy Metals Lift Station
Area 9, Lift Station at Z-27, Index No. 20150026.3 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	Z-25	Project Area	9	Index #	20150026.4

SWMU Name:	B/330C LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 9 Proceco Room

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330C LS FL - Fluoride/Heavy Metals Lift Station
Area 9, Lift Station at Z-25, Index No. 20150026.4 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	X-27	Project Area	9	Index #	20150026.5

SWMU Name:	B/330C LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 9 Core

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330C LS FL - Fluoride/Heavy Metals Lift Station
Area 9, Lift Station at X-27, Index No. 20150026.5 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	D-31	Project Area	21	Index #	20150027.1

SWMU Name:	B/330C LS IW
SWMU Description:	Industrial Wastewater Lift Stations
SWMU Component:	Lift station to acid waste drain. Area 21

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed	X			Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	X			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	X			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place	X					

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			11/5/2015	
2. Date Containment Pit/Trench Verified Clean			10/28/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	11/5/2015	

Pictures:	Attached
Data:	Table 19
Notes:	Decontamination was performed on the integrated polyethylene lift station tank that discharged to the industrial waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY. Residual solids in lift station sump tank and trench were removed by Techtron and drummed for offsite disposal by Clean Harbors based on waste classification.
Signature	Raymond Kapp / Christopher Goldsmith
ARCADIS Representative	Raymond Kapp / Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330C LS IW – Industrial Waste Lift Station
Area 21, Lift Station at D-31, Index No. 20150027.1 – Clean Removal Verified 11/5/15

Removed from Pit for Decontamination

Decontaminated/Removed Lift Station

Decontaminated Lift Station Trench and Sump Pit

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-29	Project Area	4	Index #	20150028.1

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 4

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 4, Lift Station at BD-29, Index No. 20150028.1 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-30	Project Area	4	Index #	20150028.2

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 4

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 4, Lift Station at BD-30, Index No. 20150028.2 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-32	Project Area	4	Index #	20150028.3

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 4

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 4, Lift Station at BD-32, Index No. 20150028.3 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-34	Project Area	4	Index #	20150028.4
SWMU Name:	B/330D LS FL								
SWMU Description:	Fluoride/Heavy Metals Lift Station								
SWMU Component:	Sink and lift station to fluoride drain. Area 4								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 4, Lift Station at BD-34, Index No. 20150028.4 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BF-32	Project Area	4	Index #	20150028.5

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 4

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 4, Lift Station at BF-32, Index No. 20150028.5 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BE-34	Project Area	4	Index #	20150028.6

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 4

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 4, Lift Station at BE-34, Index No. 20150028.6 – Clean Removal Verified 5/21/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	AY-26	Project Area	2	Index #	20150028.7

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 2

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/23/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	6/23/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 2, Lift Station at AY-26, Index No. 20150028.7 – Clean Removal Verified 6/23/15

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BC-26	Project Area	2	Index #	20150028.8

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 2

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/23/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	6/23/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 2, Lift Station at BC-26, Index No. 20150028.8 – Clean Removal Verified 6/23/15

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-26	Project Area	2	Index #	20150028.9

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 2

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/23/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	6/23/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 2, Lift Station at BD-26, Index No. 20150028.9 – Clean Removal Verified 6/23/15

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BH-26	Project Area	2	Index #	20150028.11

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 2

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			6/23/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	6/23/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 2, Lift Station at BH-26, Index No. 20150028.11 – Clean Removal Verified 6/23/15

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	AY-36	Project Area	8	Index #	20150028.12

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink to fluoride lift station. Area 8

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			7/10/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	7/10/2015	

Pictures:	Attached
Data:	Table 9B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY

Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 8, Lift Station at AY-36, Index No. 20150028.12 – Clean Removal Verified 7/10/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-37	Project Area	7	Index #	20150028.13

SWMU Name:	B/330D LS FL
SWMU Description:	Fluoride/Heavy Metals Lift Station
SWMU Component:	Sink and lift station to fluoride drain. Area 7

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			7/10/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	7/10/2015	

Pictures:	Attached
Data:	Table 1B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the fluoride waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS FL - Fluoride/Heavy Metals Lift Station
Area 7, Lift Station at BD-37, Index No. 20150028.13 – Clean Removal Verified 7/10/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BF-36	Project Area	4	Index #	20150029.1

SWMU Name:	B/330D LS IW
SWMU Description:	Industrial Waste Lift Station
SWMU Component:	Acid drain sink/lift station. Area 4.

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X				See Note	See Note
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Decontaminated for Disposal			7/23/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	7/23/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Decontamination was performed on the integrated polyethylene sink and lift station tank that discharged to the industrial (acid) waste drain system, followed by pH verification with Hydrion test strips. Metal frames were separated and recycled as scrap metal by Millens Recycling. Plastic components were separated and disposed as trash through Royal Carting for incineration at Dutchess County Resource Recovery Facility, Poughkeepsie, NY
Signature	Raymond Kapp
ARCADIS Representative	Raymond Kapp

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS IW – Industrial Waste Lift Station
Area 4, Lift Station at BF-36, Index No. 20150029.1 – Clean Removal Verified 7/23/15

Pre-Removal

Decontaminated

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**BH-23**	**Project Area**	**1**	**Index #**	**20150030.1**
SWMU Name:	**B/330D LS SO**								
SWMU Description:	**Solvent Waste Lift Stations**								
SWMU Component:	**Solvent Lift Station - Waste from Tool Hex# 1.21. 25-gallon on-slab tank & pump lift to drums**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			3/20/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	3/20/2015	

Pictures:	**Attached**
Data:	**Table 6B**
Notes:	**Solvent lift station had served a single parts cleaning tool and discharged spent non-chlorinated solvents to drums via local waste transfer piping. See checklist for Building 330 Solvent Waste Transfer Piping at this location, Index #20150031.1. Lift station tank and pump were decontaminated by flushing with water. Verification consisted of visual inspection and pH verification with Hydrion test strips.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS SO - Solvent Lift Stations
Area 1, Lift Station at BH-23, Index No. 20150030.1 – Clean Removal Verified 3/20/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**BH-23**	**Project Area**	**1**	**Index #**	**20150031.1**
SWMU Name:	**B330 - SO (2)**								
SWMU Description:	**Solvent Waste Transfer Piping**								
SWMU Component:	**Solvent Waste Transfer Piping from Lift Station to Drums in Waste Mate Box**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	X					
2. Pictures Taken Post-Decontamination	X					
3. Fluids Drained	X			Pass	IBM WWTP	
4. Solid Residuals Removed			X	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	X			Pass		
6.Tank/Pipes Sampled for Surface pH	X			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			X	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			X	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			X	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			X	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	X					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			X			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			3/20/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	3/20/2015	

Pictures:	**Attached**
Data:	**Table 6B**
Notes:	**When operating, solvent waste was pumped from the lift station, Index # 20150030.1, directly to drums in adjacent flammable storage cabinet through waste transfer tubing. Drums were previously removed. Verification consisted of visual inspection and pH verification with Hydrion test strips.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330D LS SO(2) - Solvent Waste Transfer Piping
From Lift Station at BH-23 to Waste Mate Drum Box,
Index No. 20150031.1 – Clean Removal Verified 3/20/15

Pre-Removal

As Removed

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D/330C	Column References	NA	Project Area	Multiple Areas	Index #	20150032.0

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Waste TMAH Transfer Piping (Stainless Steel Piping and PVC Piping) - Above suspended ceiling in B/330D and B/330C

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	NA	See Note
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling (Stainless Steel) or Decontaminated for Disposal (PVC)			8/13/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed (95%) and Closed in Place (5%)	Status Change Date:	8/13/2015	

Pictures:	Attached
Data:	Table 13B and 14B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from above suspended ceiling in B/330D (Area 7, Area 2, Area 4, Area 8, Area 29, Area 30, 2nd Floor and Hallway outside of Cafeteria) and B/330C (Area 9 and 330C Hallway, from the end of cafeteria hallway in 330D to the entrance of building 338) . All components and piping were removed with the exception of abandoned-in-place TMAH reclaim pipe segments located above the suspended ceiling in B/330D between AY27-AZ29 (approx. 60 feet) and in B/330C between AA26-AA31 (approx. 120 feet). Abandoned in place segments were flushed with DI water, air dried and verified neutral. Stainless steel piping and collected "moly paste" (molybdenum and copper solids) were recycled at Millens Recycling. PVC piping was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
TMAH Reclaim Transfer Piping Below Ceiling in Area 7,
Index No. 20150032.0 - Clean Removal Verified 4/21/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Waste TMAH Transfer Piping- Above Suspended Ceiling in B/330D and B/330C
Index No. 20150032.0 - Clean Removal Verified 8/13/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Waste TMAH Transfer Piping- Above Suspended Ceiling in B/330D and B/330C
Index No. 20150032.0 - Clean Removal Verified 8/13/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Waste TMAH Transfer Piping- Above Suspended Ceiling in B/330D and B/330C
Index No. 20150032.0 - Clean Removal Verified 8/13/15

Pre-removal TMAH Pipe above the ceiling in hallway of B 330D

TMAH Pipe abandoned in place above ceiling between AY27-AZ29 in B 330D (approx. 60 ft.)

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Waste TMAH Transfer Piping- Above Suspended Ceiling in B/330D and B/330C
Index No. 20150032.0 - Clean Removal Verified 8/13/15

TMAH Pipe abandoned in place between AA26-AA31 in B 330C (approx. 120 ft.)

TMAH Pipe abandoned in place between AA26-AA31 in B 330C (approx. 120 ft.)

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST									
Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BB-37	Project Area	7	Index #	20150032.1
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 20D, Stainless Steel Waste TMAH Sump/Lift Station in Area 7 CS3367								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			4/23/2015	
2. Date Containment Pit/Trench Verified Clean			4/24/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	4/24/2015	

Pictures:	Attached
Data:	Table 1B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 20D of Area 7 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS3367), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367,
Index No. 20150032.1 - Clean Removal Verified 4/24/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 20D, Waste TMAH Sump/Lift Station Pit and Trench in Area 7 CS3367,
Index No. 20150032.1 - Clean Verified 4/24/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BC-37	Project Area	7	Index #	20150032.2

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 20D, Stainless Steel Waste TMAH Sump/Lift Station in Area 7 CS3369

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			4/23/2015	
2. Date Containment Pit/Trench Verified Clean			4/23/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	4/23/2015	

Pictures:	Attached
Data:	Table 1B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 20D of Area 7 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS3369), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369,
Index No. 20150032.2 - Clean Removal Verified 4/23/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 20D, Waste TMAH Sump/Lift Station Pit and Trench in Area 7 CS3369,
Index No. 20150032.2 - Clean Verified 4/23/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BG-26	Project Area	2	Index #	20150032.3

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 21D, Stainless Steel Waste TMAH Sump/Lift Station in Area 2, CS3401 & CS3402

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	NA	See Note
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/6/2015	
2. Date Containment Pit/Trench Verified Clean			5/7/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/7/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 21D of Area 2 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS3401 & CS3402), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches. Stainless steel and collected "moly paste" (molybdenum and copper solids) were recycled at Millens Recycling.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3401 & CS3402
Index No. 20150032.3 - Clean Removal Verified 5/7/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 21D, Waste TMAH Sump/Lift Station Pit and Trench in Area 2 CS3401 &CS3402
Index No. 20150032.3 - Clean Verified 5/7/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BF-26	Project Area	2	Index #	20150032.4

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 21D, Stainless Steel Waste TMAH Sump/Lift Station in Area 2, CS3403 & CS3404

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	NA	See Note
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

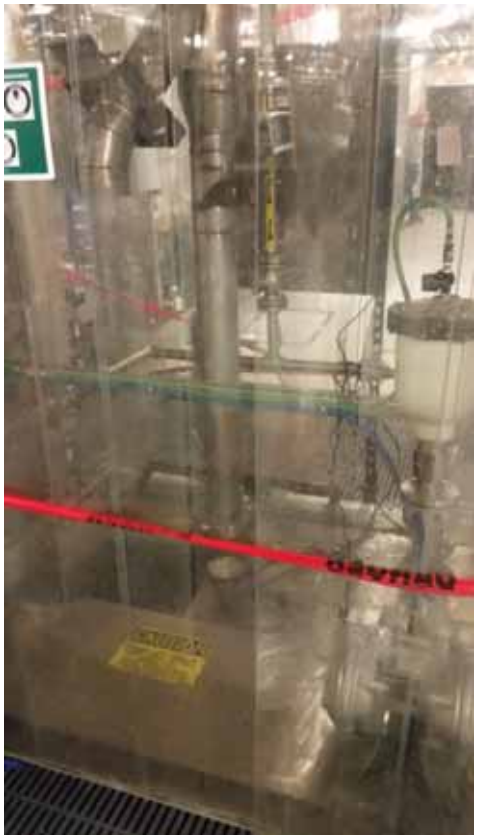
Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/7/2015	
2. Date Containment Pit/Trench Verified Clean			5/7/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/7/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 21D of Area 2 lift stations up to the ceiling. Waste piping above the ceiling is documented on a separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS3403 & CS3404), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches. Stainless steel piping and collected "moly paste" (molybdenum and copper solids) were recycled at Millens Recycling.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3403 & CS3404
Index No. 20150032.4 - Clean Removal Verified 5/7/15

Pre-Removal



As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 21D, Waste TMAH Sump/Lift Station Pit and Trench in Area 2 CS3403 &CS3404
Index No. 20150032.4 - Clean Verified 5/7/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BB-26	Project Area	2	Index #	20150032.5

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 22D, Stainless Steel Waste TMAH Sump/Lift Station in Area 2, CS3405 & CS3406

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	NA	See Note
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/19/2015	
2. Date Containment Pit/Trench Verified Clean			5/19/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/19/2015	

Pictures:	Attached
Data:	Table 4B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 21D of Area 2 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS3405 & CS3406), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches. Stainless steel and collected "moly paste" (molybdenum and copper solids) were recycled at Millens Recycling.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3405 & CS3406
Index No. 20150032.5 - Clean Removal Verified 5/19/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 22D, Waste TMAH Sump/Lift Station Pit and Trench in Area 2 CS3405 &CS3406
Index No. 20150032.5 - Clean Verified 5/19/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**AZ-26**	**Project Area**	**2**	**Index #**	**20150032.6**

SWMU Name:	**B/330-TMAH**
SWMU Description:	**Waste TMAH Transfer Piping**
SWMU Component:	**Core 22D, Stainless Steel Waste TMAH Sump/Lift Station in Area 2, CS3407 & CS3408**

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed	x			Pass	NA	See Note
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

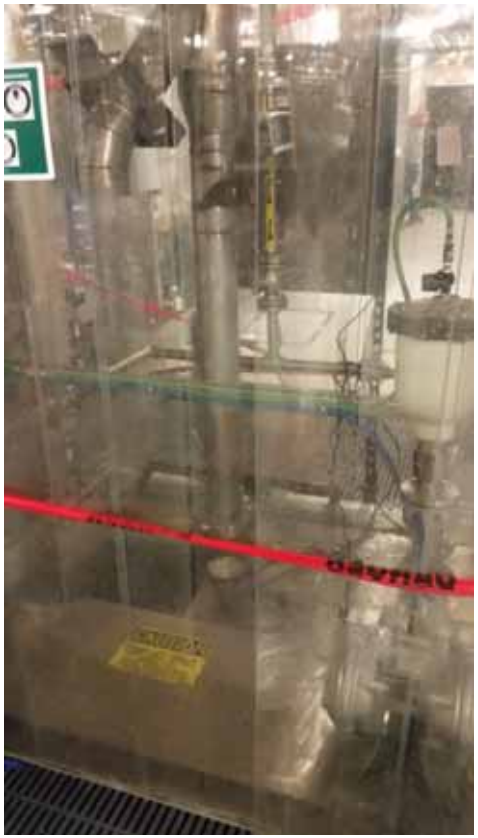
Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/19/2015	
2. Date Containment Pit/Trench Verified Clean			5/19/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/19/2015	

Pictures:	**Attached**
Data:	**Table 4B**
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 21D of Area 2 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS3407 & CS3408), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches. Stainless steel and collected "moly paste" (molybdenum and copper solids) were recycled at Millens Recycling.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3407 & CS3408
Index No. 20150032.6 - Clean Removal Verified 5/19/15

Pre-Removal



As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 22D, Waste TMAH Sump/Lift Station Pit and Trench in Area 2 CS3407 &CS3408
Index No. 20150032.6 - Clean Verified 5/19/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-34	Project Area	4	Index #	20150032.7
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 3D, Waste TMAH Sump/Lift Station in Area 4, Pit for previously removed TMAH wastewater sump/lift								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			5/29/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 3D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 4
Index No. 20150032.7 - Clean Verified 5/29/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**BE-34**	**Project Area**	**4**	**Index #**	**20150032.8**
SWMU Name:	**B/330-TMAH**								
SWMU Description:	**Waste TMAH Transfer Piping**								
SWMU Component:	**Core 4D, Waste TMAH Sump/Lift Station in Area 4, Pit for previously removed TMAH wastewater sump/lift**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			5/29/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	**Attached**
Data:	**Table 7B**
Notes:	**Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 4D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 4
Index No. 20150032.8 - Clean Verified 5/29/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-33	Project Area	4	Index #	20150032.9
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 5D, Waste TMAH Sump/Lift Station in Area 4, Pit for previously removed TMAH wastewater sump/lift								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			5/29/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 5D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 4
Index No. 20150032.9 - Clean Verified 5/29/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330D**	**Column References**	**BE-32**	**Project Area**	**4**	**Index #**	**20150032.11**
SWMU Name:	**B/330-TMAH**								
SWMU Description:	**Waste TMAH Transfer Piping**								
SWMU Component:	**Core 6D, Waste TMAH Sump/Lift Station in Area 4, Pit for previously removed TMAH wastewater sump/lift**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			5/29/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	**Attached**
Data:	**Table 7B**
Notes:	**Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 6D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 4
Index No. 20150032.11 - Clean Verified 5/29/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BD-30	Project Area	4	Index #	20150032.12
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 7D, Waste TMAH Sump/Lift Station in Area 4, Pit for previously removed TMAH wastewater sump/lift								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			5/29/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 7D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 4
Index No. 20150032.12 - Clean Verified 5/29/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BE-29	Project Area	4	Index #	20150032.13
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 8D, Waste TMAH Sump/Lift Station in Area 4, Pit for previously removed TMAH wastewater sump/lift								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			5/29/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/29/2015	

Pictures:	Attached
Data:	Table 7B
Notes:	Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 8D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 4
Index No. 20150032.13 - Clean Verified 5/29/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BF-40	Project Area	30	Index #	20150032.14
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 15D, Waste TMAH Sump/Lift Station in Area 30 - Sump/lift previously removed								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			3/11/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	3/11/2015	

Pictures:	Attached
Data:	Table 5
Notes:	Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 15D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 30 at BF-40, Index No. 20150032.14 - Clean Verified 3/11/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330D	Column References	BG-39	Project Area	30	Index #	20150032.15
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Core 15D, Waste TMAH Sump/Lift Station in Area 30 - Sump/lift previously removed								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination		x				
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained			x	NA	IBM WWTP	
4. Solid Residuals Removed			x	NA	NA	
5.Tank/Pipes Visually Inspected for Integrity			x	NA		
6.Tank/Pipes Sampled for Surface pH			x	NA		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility			x			NA
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			NA	
2. Date Containment Pit/Trench Verified Clean			3/11/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	3/11/2015	

Pictures:	Attached
Data:	Table 5
Notes:	Sump tank and most waste TMAH piping below the ceiling were previously removed from this location. This checklist applies to the observed decontamination of the secondary containment pit and associated trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 15D, Pit and Trench from Previously Removed Waste TMAH Sump/Lift Station in Area 30 at BG-39, Index No. 20150032.15 – Clean Verified 3/11/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**330C**	**Column References**	**AB-25**	**Project Area**	**9**	**Index #**	**20150032.16**
SWMU Name:	**B/330-TMAH**								
SWMU Description:	**Waste TMAH Transfer Piping**								
SWMU Component:	**Core 2C, Stainless Steel Waste TMAH Sump/Lift Station in Area 9, CS0469**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			5/21/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	**Attached**
Data:	**Table 2B**
Notes:	**This checklist applies to waste TMAH (reclaim) transfer piping from Core 2C of Area 9 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS0469), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
Index No. 20150032.16 - Clean Removal Verified 5/21/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 2C, Waste TMAH Sump/Lift Station Pit and Trench in Area 9 CS0469
Index No. 20150032.16 - Clean Verified 5/21/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	AC-25	Project Area	9	Index #	20150032.17

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 1C, Stainless Steel Waste TMAH Sump/Lift Station in Area 9, CS0470

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			5/21/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/21/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 1C of Area 9 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS0470), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
Index No. 20150032.17 - Clean Removal Verified 5/21/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 1C, Waste TMAH Sump/Lift Station Pit and Trench in Area 9 CS0470
Index No. 20150032.17 - Clean Verified 5/21/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	V-27	Project Area	9	Index #	20150032.18

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 6C, Stainless Steel Waste TMAH Sump/Lift Station in Area 9, CS0474

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			5/28/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/28/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 6C of Area 9 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS0474), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
Index No. 20150032.18 - Clean Removal Verified 5/28/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 6C, Waste TMAH Sump/Lift Station Pit and Trench in Area 9 CS0474
Index No. 20150032.18 - Clean Verified 5/28/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	Z-27	Project Area	9	Index #	20150032.19

SWMU Name:	B/330-TMAH
SWMU Description:	Waste TMAH Transfer Piping
SWMU Component:	Core 4C, Stainless Steel Waste TMAH Sump/Lift Station in Area 9, Unlabeled

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			5/28/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/28/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Core 4C of Area 9 lift stations up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (CS Unlabeled), as well as secondary containment pit beneath sump tank and adjacent secondary containment trenches.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 4C, Waste TMAH Sump/Lift Station in Area 9 (Unlabeled)
Index No. 20150032.19 - Clean Removal Verified 5/28/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Core 4C, Waste TMAH Sump/Lift Station Pit and Trench in Area 9 (Unlabeled)
Index No. 20150032.19 - Clean Verified 5/28/15

Cleaned Lift Station Pit

Cleaned Trench

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	IBM, East Fishkill, NY	Building	330C	Column References	Z-25	Project Area	9	Index #	20150032.21
SWMU Name:	B/330-TMAH								
SWMU Description:	Waste TMAH Transfer Piping								
SWMU Component:	Proceco Hex# 9.8, Stainless Steel Sump/Lift Station for TMAH Degreaser #3 in Area 9, Labeled ECOL 2192								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity	x			Pass		
9.Spill Containment Pit/Trench Sampled for Surface pH	x			Pass		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x					Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place	x					

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling			5/21/2015	
2. Date Containment Pit/Trench Verified Clean			5/28/2015	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Component Removed	Status Change Date:	5/28/2015	

Pictures:	Attached
Data:	Table 2B
Notes:	This checklist applies to waste TMAH (reclaim) transfer piping from Area 9 Proceco lift station up to the ceiling. Waste piping above the ceiling is documented on additional separate checklist for Building 330 Waste TMAH Transfer Piping Above the Ceiling, Index# 20150032.0. Decontamination was performed on the interior and exterior surfaces of sump tank (ECOL 2192), as well as secondary containment pit beneath sump tank.
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Proceco Hex# 9.8, Sump/Lift Station for TMAH Degreaser #3 in Area 9
Index No. 20150032.21 - Clean Removal Verified 5/28/15

Pre-Removal

As Removed

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/330-TMAH - Waste TMAH Transfer Piping
Proceco Hex# 9.8, Sump/Lift Station for TMAH Degreaser #3 in Area 9
Index No. 20150032.21 - Clean Removal Verified 5/28/15

Cleaned Lift Station Pit

SOLID WASTE MANAGEMENT UNIT CLOSURE CHECKLIST

Site Name & Location	**IBM, East Fishkill, NY**	**Building**	**338/339**	**Column References**	**NA**	**Project Area**	**15.1, 15.2, 17**	**Index #**	**20150033**
SWMU Name:	**B/338-TMAH**								
SWMU Description:	**Waste TMAH Transfer Piping**								
SWMU Component:	**Waste TMAH Transfer Piping - Includes all TMAH and TMACL waste transfer piping entering and contained in B/338 and B/339 (Stainless Steel Piping and PVC Piping)**								

Decommissioning Record

Environmental Items:	Yes	No	Not Required/ None	Test and Inspection Results Pass/Fail	Disposal Facility Name	Recycle Facility Name
1. Pictures Taken Pre-Decontamination	x					
2. Pictures Taken Post-Decontamination	x					
3. Fluids Flushed and Drained	x			Pass	IBM WWTP	
4. Solid Residuals Removed			x	Pass	NA	
5.Tank/Pipes Visually Inspected for Integrity	x			Pass		
6.Tank/Pipes Sampled for Surface pH	x			Pass		
7.Tank/Pipes Sampled for Other Waste Constituents			x	NA		
8.Spill Containment Pit/Trench Visually Inspected for Integrity			x	NA		
9.Spill Containment Pit/Trench Sampled for Surface pH			x	NA		
10.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
11.Spill Containment Pit/Trench Sampled for Other Constituents			x	NA		
12. SWMU Tank/Pipes Approved and Removed From Facility	x				See Note	Millens
11. SWMU Containment Pit/Trench Approved for Backfill in Place			x			

Closure and Removal Dates

1. Date Tank/Pipes Verified Clean for Scrap Recycling (Stainless Steel) or Decontaminated for Disposal (PVC)			8/6/2015	
2. Date Containment Pit/Trench Verified Clean			NA	
3. SWMU Status (Removed, Component Removed, Closed in Place)	Removed	Status Change Date:	8/6/2015	

Pictures:	**Attached**
Data:	**Table 8C and 12**
Notes:	**This checklist applies to waste TMAH (reclaim) transfer piping Including all TMAH and TMACL waste transfer piping entering and contained in B/338 (Area 15.1, 15.2) and B/339 (Area 17). Stainless steel piping was recycled at Millens Recycling. PVC piping was disposed with the rest of the non-hazardous construction and demolition debris transported to the Seneca Meadows Landfill, Waterloo, NY and the Ontario County Landfill, Stanley, NY.**
Signature	Christopher Goldsmith
ARCADIS Representative	Christopher Goldsmith

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/338-TMAH - Waste TMAH Transfer Piping
Includes all TMAH and TMACL waste transfer piping in B/338 and B/339
Area 15.1, Index No. 20150033 - Clean Removal Verified 8/6/15

Pre-Removal

After Removal

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/338-TMAH - Waste TMAH Transfer Piping
Includes all TMAH and TMACL waste transfer piping in B/338 and B/339
Area 15.2, Index No. 20150033 - Clean Removal Verified 8/6/15

Pre-Removal

After Removal

MLC Packaging End of Life Project SWMU Removal Documentation
SWMU B/338-TMAH - Waste TMAH Transfer Piping
Includes all TMAH and TMACL waste transfer piping in B/338 and B/339
Pipe Rack from B 338 to B 339, Index No. 20150033 - Clean Removal Verified 8/6/15

Pre-Removal

After Removal

ARCADIS

Attachment B

Solid Waste Management Unit
Decontamination Verification Data
Tables

Attachment B Tables List (SWMU Tables)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-1	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east inside intake
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-2	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east outside of flexible stainless steel hose
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-3	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east between intake flange
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-4	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east outside top of pump assembly
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-5	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east between flange on top of pump motor
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-6	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east outside of pump motor
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-7	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump B east inside discharge port
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-8	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump A east inside intake
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-9	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump A east outside of flexible stainless steel hose
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-10	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump A east between intake flange

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-11	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump A east outside top of pump assembly
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-12	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump A east between flange on top of pump motor
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-13	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area7 CS3367 pump A east outside of pump motor
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-14	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 pump A east inside discharge port
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-15	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 inside sparge pump intake
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-16	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 inside sparge pump discharge
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-17	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 outside of sparge pump
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-18	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 intake of discharge header
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-19	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 intake of discharge header
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-20	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367 discharge outlet of header

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-21	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367, pipe with staining that float shutoffs are attached to
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-22	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367, pipe with staining that float shutoffs are attached to
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-23	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-24	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-25	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-26	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-27	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-28	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-29	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-30	6.0		TMAH reclaim line Area 7, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-31	6.0		TMAH reclaim line Area 7, sampled interior staining
4/21/2015	330D	7	B/330-TMAH	B/330-TMAH-32	6.0		TMAH reclaim line Area 7, sampled interior staining
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-36	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east inside intake
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-37	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east outside of flexible stainless steel hose
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-38	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east between intake flange
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-39	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east outside top of pump assembly
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-40	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east between flange on top of pump motor
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-41	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east outside of pump motor
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-42	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump B east inside discharge port
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-43	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump A east inside intake

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-44	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump A east outside of flexible stainless steel hose
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-45	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump A east between intake flange
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-46	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump A east outside top of pump assembly
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-47	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump A east between flange on top of pump motor
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-48	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area7 CS3369 pump A east outside of pump motor
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-49	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 pump A east inside discharge port
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-50	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 inside sparge pump intake
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-51	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 inside sparge pump discharge
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-52	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 outside of sparge pump
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-53	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 intake of discharge header

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-54	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 intake of discharge header
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-55	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369 discharge outlet of header
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-56	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369, pipe with staining that float shutoffs are attached too
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-57	6.0		Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369, pipe with staining that float shutoffs are attached too
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-58	6.0		TMAH reclaim line Area 7, sampled interior staining
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-59	6.0		TMAH reclaim line Area 7, sampled interior staining
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-60	6.0		TMAH reclaim line Area 7, sampled interior staining
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-61	6.0		TMAH reclaim line Area 7, sampled interior staining
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-65	6.0		Top of sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-66	6.0		Top of sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-67	6.0		Top of sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-68	6.0		Bottom of lid of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-69	6.0		Bottom of lid of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-70	6.0		Exhaust pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-71	6.0		Pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-72	6.0		Pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-73	6.0		Pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-74	6.0		Top of sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-75	6.0		Top of sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-76	6.0		Top of sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-77	6.0		Bottom of lid of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-78	6.0		Bottom of lid of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-79	6.0		Exhaust pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-80	6.0		Pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-81	6.0		Pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/22/2015	330D	7	B/330-TMAH	B/330-TMAH-82	6.0		Pipe coming out of top of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-104	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-105	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-106	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-107	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-108	6.0		Inside flange on side of tank sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-109	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-110	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-111	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-112	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-113	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-114	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-115	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-116	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-117	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-118	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-119	6.0		Inside TMAH discharge piping from Hex# 7.2 and 7.3 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-120	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-121	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-122	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-123	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-124	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-125	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-126	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-127	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-128	6.0		Inside TMAH discharge piping from Hex# 7.1 and 7.4 going to Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-129	6.0		Bottom of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-130	6.0		Bottom of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-131	6.0		Outside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-132	6.0		Outside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-133	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-134	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-135	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-136	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-137	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-138	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-139	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-140	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-141	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-142	6.5		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-143	6.5		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-144	7.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-146	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-148	7.0		Trench floor near failed sample with epoxy still intact from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-149	7.0		Trench floor near failed sample with epoxy still intact from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-150	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-151	6.5		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-152	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-153	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-154	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-155	6.0		Pit sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-156	6.0		Pit sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-157	6.0		Pit sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-158	6.0		Pit sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-159	6.0		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-160	6.0		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-161	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-162	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-163	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-164	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-165	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-166	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-167	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-168	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-169	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-170	6.0		Inside flange on side of tank sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-171	6.0		Inside bottom sump tank with staining from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-172	6.0		Bottom of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-173	6.0		Bottom of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-174	6.0		Outside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-175	6.0		Outside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-176	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-177	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-178	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/23/2015	330D	7	B/330-TMAH	B/330-TMAH-179	6.0		Inside sidewall of sump tank from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-145B	7.0		2nd Sample collected from trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369, after Stryker pressure washed. Initially sample collected on 4/23/15 failed with pH result of >9.0.
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-147B	7.0		2nd Sample collected from trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3369, after Stryker pressure washed. Initially sample collected on 4/23/15 failed with pH result of >9.0.
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-180	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-181	6.5		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-182	6.5		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-183	6.5		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-184	6.5		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-185	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-186	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-187	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-188	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-189	6.0		Trench floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-190	6.5		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-191	6.5		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-192	7.0		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-193	7.0		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-194	7.0		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-195	7.0		Trench floor with exposed concrete from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-196	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-197	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-198	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-199	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-200	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-201	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-202	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-203	6.0		Trench sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-204	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-205	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-206	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 1B
Building 330D Area 7
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-207	6.0		Pit floor from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-208	6.0		Pit Sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-209	6.0		Pit Sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-210	6.0		Pit Sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
4/24/2015	330D	7	B/330-TMAH	B/330-TMAH-211	6.0		Pit Sidewall from Core 20D, Waste TMAH Sump/Lift Station in Area 7 CS3367
7/10/2015	330D	7	B/330D-LS FL	7-B/330D-LS FL-1	6.5		2nd sample from inside sink with staining of Fluoride/Heavy Metal lift Station in Area 7. First sample failed with result >9.0. Inside of sink was re-cleaned by Techtron before it was re-sampled.
7/10/2015	330D	7	B/330D-LS FL	7-B/330D-LS FL-2	6.5		2nd sample from inside tank with staining of Fluoride/Heavy Metal lift Station in Area 7. First sample failed with result >9.0. Inside of tank was re-cleaned by Techtron before it was re-sampled.

Total Number of Samples 186 Maximum pH 7.0 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-1	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-2	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-3	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-4	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-5	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-6	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-7	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-8	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-9	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-10	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-11	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-12	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-13	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-14	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-15	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-16	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-17	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-18	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-19	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-20	6.0		PVC TMAH reclaim line Area 9, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-21	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-22	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-23	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-24	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-25	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 intake of discharge header
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-26	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 intake of discharge header
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-27	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 discharge outlet of header
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-28	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 pump B inside intake
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-29	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 pump B outside of pump motor
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-30	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 pump B inside discharge port

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-31	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 pump A inside intake
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-32	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 pump A outside of pump motor
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-33	6.0		Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470 pump A inside discharge port
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-34	6.0		Top of sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-35	7.0		Top of sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-36	6.0		Bottom of lid of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-37	6.0		Bottom of lid of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-38	6.0		Exhaust pipe coming out of top of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-39	6.0		Exhaust pipe coming out of top of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-40	6.0		Exhaust pipe coming out of top of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-41	6.0		Pipe coming out of top of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-42	6.0		Pipe coming out of top of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-43	6.0		Pipe coming out of top of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-44	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 intake of discharge header
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-45	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 intake of discharge header
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-46	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 discharge outlet of header
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-47	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 pump B inside intake
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-48	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 pump B outside of pump motor
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-49	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 pump B inside discharge port
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-50	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 pump A inside intake

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-51	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 pump A outside of pump motor
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-52	6.0		Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469 pump A inside discharge port
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-53	6.0		Top of sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-54	6.0		Top of sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-55	6.0		Bottom of lid of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-56	6.0		Bottom of lid of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-57	6.0		Exhaust pipe coming out of top of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-58	6.0		Exhaust pipe coming out of top of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-59	6.0		Exhaust pipe coming out of top of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-60	6.0		Pipe coming out of top of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-61	6.0		Pipe coming out of top of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-62	6.0		Pipe coming out of top of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/20/2015	330C	9	B/330-TMAH	9-B/330-TMAH-63	6.5		Inside bottom sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-64	6.5		Inside bottom sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-65	6.5		Inside bottom sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-66	6.5		Inside bottom sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-67	6.5		Inside pipe intake on side of tank sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-68	6.5		Inside pipe intake on side of tank sump tank with staining from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-69	6.0		Bottom of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-70	6.0		Bottom of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-71	7.0		Outside sidewall of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-72	7.0		Outside sidewall of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-73	6.0		Inside sidewall of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-74	6.5		Inside sidewall of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-75	6.5		Inside sidewall of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-76	6.5		Inside sidewall of sump tank from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-77	6.5		Inside drain pipe going to Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-78	6.5		Inside drain pipe going to Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-79	6.5		Inside bottom sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-80	6.5		Inside bottom sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-81	6.5		Inside bottom sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-82	6.5		Inside bottom sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-83	6.5		Inside pipe intake on side of tank sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-84	6.5		Inside pipe intake on side of tank sump tank with staining from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-85	6.0		Bottom of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-86	6.0		Bottom of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-87	7.0		Outside sidewall of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-88	7.0		Outside sidewall of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-89	6.0		Inside sidewall of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-90	6.5		Inside sidewall of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-91	6.5		Inside sidewall of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-92	6.5		Inside sidewall of sump tank from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-93	6.5		Inside drain pipe going to Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-94	6.5		Inside drain pipe going to Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-95	6.0		Inside bottom sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-96	6.0		Inside bottom sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-97	6.0		Inside bottom sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-98	6.0		Inside bottom sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-99	6.0		Inside pipe intake on side of tank sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-100	6.0		Inside pipe intake on side of tank sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-101	6.0		Bottom of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-102	6.0		Bottom of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-103	6.0		Outside sidewall of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-104	6.0		Outside sidewall of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-105	6.0		Inside sidewall of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-106	6.0		Inside sidewall of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS047.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-107	6.0		Inside sidewall of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-108	6.0		Inside sidewall of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-109	6.0		Inside bottom sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-110	6.0		Inside bottom sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-111	6.0		Inside bottom sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-112	6.0		Inside bottom sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-113	6.0		Inside pipe intake on side of tank sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-114	6.0		Inside pipe intake on side of tank sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-115	6.0		Bottom of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-116	6.0		Bottom of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-117	6.0		Outside sidewall of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-118	6.0		Outside sidewall of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-119	6.0		Inside sidewall of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-120	6.0		Inside sidewall of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-121	6.0		Inside sidewall of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-122	6.0		Inside sidewall of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled.
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-123	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 intake of discharge header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-124	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 intake of discharge header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-125	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 discharge outlet of header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-126	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 pump B inside intake
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-127	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 pump B outside of pump motor

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-128	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 pump B inside discharge port
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-129	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 pump A inside intake
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-130	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 pump A outside of pump motor
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-131	6.0		Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474 pump A inside discharge port
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-132	6.0		Top of sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-133	6.0		Top of sump tank with staining from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-134	6.0		Bottom of lid of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-135	6.0		Bottom of lid of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-136	6.0		Exhaust pipe coming out of top of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-137	6.0		Exhaust pipe coming out of top of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-138	6.0		Exhaust pipe coming out of top of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-139	6.0		Pipe coming out of top of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-140	6.0		Pipe coming out of top of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-141	6.0		Pipe coming out of top of sump tank from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-142	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled intake of discharge header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-143	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled intake of discharge header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-144	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled discharge outlet of header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-145	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled pump B inside intake
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-146	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled pump B outside of pump motor
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-147	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled pump B inside discharge port

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-148	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled pump A inside intake
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-149	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled pump A outside of pump motor
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-150	6.0		Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled pump A inside discharge port
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-151	6.0		Top of sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-152	6.0		Top of sump tank with staining from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-153	6.0		Bottom of lid of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-154	6.0		Bottom of lid of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-155	6.0		Exhaust pipe coming out of top of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-156	6.0		Exhaust pipe coming out of top of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-157	6.0		Exhaust pipe coming out of top of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-158	6.0		Pipe coming out of top of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-159	6.0		Pipe coming out of top of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-160	6.0		Pipe coming out of top of sump tank from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-161	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 intake of discharge header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-162	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 intake of discharge header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-163	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 discharge outlet of header
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-164	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 pump B inside intake
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-165	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 pump B outside of pump motor
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-166	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 pump B inside discharge port
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-167	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 pump A inside intake

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-168	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 pump A outside of pump motor
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-169	6.0		Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9 pump A inside discharge port
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-170	6.0		Top of sump tank with staining from Proceco hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-171	6.0		Top of sump tank with staining from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-172	6.0		Bottom of lid of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-173	6.0		Bottom of lid of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-174	6.0		Exhaust pipe coming out of top of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-175	6.0		Exhaust pipe coming out of top of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-176	6.0		Exhaust pipe coming out of top of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-177	6.0		Pipe coming out of top of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-178	6.0		Pipe coming out of top of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-179	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-180	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-181	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-182	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-183	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-184	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-185	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-186	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-187	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-188	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-189	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-190	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-191	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-192	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-193	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-194	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-195	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-196	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-197	6.0		PVC TMAH reclaim line Area 9, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-198	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-199	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-200	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-201	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-202	6.0		Pipe coming out of top of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-203	7.0		Pit floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-204	7.0		Pit floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-205	7.0		Pit floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-206	7.0		Pit floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-207	6.5		Pit Sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-208	6.5		Pit Sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-209	6.5		Pit Sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-210	6.5		Pit Sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-211	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-212	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-213	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-214	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-215	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-216	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-217	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-218	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-219	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-220	6.0		Trench floor from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-221	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-222	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-223	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-224	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-225	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-226	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-227	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-228	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-229	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-230	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-231	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-232	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-233	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-234	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-235	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-236	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-237	6.0		Trench sidewall from Core 1C, Waste TMAH Sump/Lift Station in Area 9 CS0470

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-238	6.0		Pit floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-239	6.0		Pit floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-240	6.0		Pit floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-241	6.0		Pit floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-242	6.0		Pit Sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-243	6.0		Pit Sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-244	6.0		Pit Sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-245	6.0		Pit Sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-246	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-247	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-248	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-249	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-250	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-251	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-252	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-253	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-254	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-255	6.0		Trench floor from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-256	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-257	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-258	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-259	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-260	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-261	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-262	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-263	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-264	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-265	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-266	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-267	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-268	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-269	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-270	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-271	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330-TMAH	9-B/330-TMAH-272	6.0		Trench sidewall from Core 2C, Waste TMAH Sump/Lift Station in Area 9 CS0469
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-273	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # AC-25)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-274	7.5		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # AC-25).
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-275	7.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 9 (column # AC-25)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-276	6.5		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # AB-25)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-277	7.0		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # AB-25).

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-278	6.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 9 (column # AB-25)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-279	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # Z-25)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-280	6.0		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # Z-25).
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-281	6.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 9 (column # Z-25)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-282	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # Z-27)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-283	7.5		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # Z-27).
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-284	7.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 9 (column # Z-27)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-285	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # X-27)
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-286	7.5		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 9 (column # X-27).
5/21/2015	330C	9	B/330C LS FL	9-B/330-TMAH-287	7.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # X-27)
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-288	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-289	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-290	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-291	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-292	6.0		Stainless Steel TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-293	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-294	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-295	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-296	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-297	6.0		PVC TMAH reclaim line Area 9, sampled interior staining
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-298	6.0		Pipe going into TMAH reclaim header box in Area 9
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-299	6.0		Pipe going out of TMAH reclaim header box in Area 9
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-300	6.0		Pipe going into TMAH reclaim header box in Area 9
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-301	6.0		Pipe going out of TMAH reclaim header box in Area 9

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-302	6.0		Pipe going into TMAH reclaim header box in Area 9
5/26/2015	330C	9	B/330-TMAH	9-B/330-TMAH-303	6.0		Pipe going out of TMAH reclaim header box in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-304	6.0		Inside bottom sump tank with staining from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-305	6.0		Inside bottom sump tank with staining from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-306	6.0		Inside bottom sump tank with staining from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-307	6.0		Inside bottom sump tank with staining from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-308	6.0		Inside flange pipe from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-309	6.0		Inside flange pipe from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-310	6.0		Bottom of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-311	6.0		Bottom of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-312	6.0		Outside sidewall of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-313	6.0		Outside sidewall of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-314	6.0		Inside sidewall of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-315	6.0		Inside sidewall of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-316	6.0		Inside sidewall of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-317	6.0		Inside sidewall of sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-318	7.5		Catch pan under sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-319	7.5		Catch pan under sump tank from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-320	6.5		Sump pit floor from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-321	6.5		Sump pit floor from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-322	6.5		Sump pit floor from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-323	6.5		Sump pit floor from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-324	6.5		Sump pit Sidewall from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-325	6.5		Sump pit Sidewall from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-326	6.5		Sump pit Sidewall from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-327	6.5		Sump pit Sidewall from Proceco Hex# 9.8, Waste TMAH Sump/Lift Station in Area 9.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-328	6.0		Pit floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-329	6.0		Pit floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-330	6.0		Pit floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-331	6.0		Pit floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-332	6.0		Pit Sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-333	6.0		Pit Sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-334	6.0		Pit Sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-335	6.0		Pit Sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-336	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-337	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-338	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-339	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-340	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-341	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-342	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-343	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-344	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-345	6.0		Trench floor from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-346	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-347	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-348	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-349	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-350	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-351	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-352	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-353	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-354	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-355	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-356	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-357	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-358	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-359	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-360	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-361	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-362	6.0		Trench sidewall from Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-363	6.0		Inside drain pipe going to Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-364	6.0		Inside drain pipe going to Core 4C, Waste TMAH Sump/Lift Station in Area 9 CS Unlabeled.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-365	6.5		Pit floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-366	6.5		Pit floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-367	6.5		Pit floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-368	6.5		Pit floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-369	6.0		Pit Sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-370	6.0		Pit Sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-371	6.0		Pit Sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-372	6.0		Pit Sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-373	6.0		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-374	6.0		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-375	6.0		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-376	6.0		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-377	6.0		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-378	6.5		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-379	6.5		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-380	6.5		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-381	6.5		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-382	6.5		Trench floor from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-383	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-384	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-385	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-386	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-387	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-388	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-389	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-390	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-391	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-392	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-393	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-394	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-395	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-396	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-397	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 2B
Building 330C Area 9
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

5/29/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-398	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-399	6.0		Trench sidewall from Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-400	6.0		Inside drain pipe going to Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.
5/28/2015	330C	9	B/330-TMAH	9-B/330-TMAH-401	6.0		Inside drain pipe going to Core 6C, Waste TMAH Sump/Lift Station in Area 9 CS0474.

Total Number of Samples 401 Maximum pH 7.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-1	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-2	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-3	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-4	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-5	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-6	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-7	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-8	7.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 intake of discharge header
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-9	7.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 intake of discharge header
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-10	7.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 discharge outlet of header
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-11	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B inside intake
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-12	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B outside of flexible stainless steel hose

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-13	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B between intake flange
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-14	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B outside top of pump assembly
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-15	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B between flange on top of pump motor
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-16	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B outside of pump motor
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-17	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump B inside discharge port
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-18	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A inside intake
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-19	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A outside of flexible stainless steel hose
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-20	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A between intake flange
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-21	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A outside top of pump assembly
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-22	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A between flange on top of pump motor
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-23	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A outside of pump motor
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-24	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 pump A inside discharge port

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-25	6.0		Top of sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-26	6.0		Top of sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-27	6.0		Bottom of lid of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-28	6.0		Bottom of lid of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-29	7.5		Exhaust pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-30	6.0		Exhaust pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-31	7.5		Exhaust pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-32	6.0		Pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-33	6.0		Pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-34	6.0		Pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-35	6.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 intake of discharge header
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-36	6.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 intake of discharge header

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-37	6.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 discharge outlet of header
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-38	7.5		Exhaust pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-39	6.0		Exhaust pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-40	7.5		Exhaust pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-41	6.0		Pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-42	6.0		Pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-43	6.0		Pipe coming out of top of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-44	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-45	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/4/2015	330D	2	B/330-TMAH	2-B/330-TMAH-46	7.0		TMAH reclaim line Area 2 Core 21 D, sampled interior staining
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-47	6.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B inside intake
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-48	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B outside of flexible stainless steel hose

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-49	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B between intake flange
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-50	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B outside top of pump assembly
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-51	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B between flange on top of pump motor
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-52	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B outside of pump motor
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-53	7.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump B inside discharge port
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-54	6.5		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A inside intake
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-55	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A outside of flexible stainless steel hose
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-56	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A between intake flange
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-57	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A outside top of pump assembly
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-58	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A between flange on top of pump motor
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-59	6.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A outside of pump motor
5/5/2015	330D	2	B/330-TMAH	2-B/330-TMAH-60	7.0		Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 pump A inside discharge port

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-61	7.0		Top of sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-62	7.0		Top of sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-63	7.0		Top of sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-64	7.0		Top of sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-65	7.0		Bottom of lid of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-66	7.0		Bottom of lid of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-67	7.0		Inside intake line that went out to sump pump from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-68	7.0		Inside intake line that went out to sump pump from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-69	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-70	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-71	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-72	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-73	7.0		Inside flange on side of tank sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-74	7.0		Inside flange on side of tank sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-75	7.5		Bottom of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-76	7.5		Bottom of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-77	6.5		Outside sidewall of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-78	6.5		Outside sidewall of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-79	7.0		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-80	7.0		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-81	7.0		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/6/2015	330D	2	B/330-TMAH	2-B/330-TMAH-82	7.0		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-83	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-84	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-85	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-86	6.0		Inside bottom sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-87	6.0		Inside flange on side of tank sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-88	7.0		Inside flange on side of tank sump tank with staining from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-89	6.0		Bottom of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-90	6.0		Bottom of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-91	6.0		Outside sidewall of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-92	7.0		Outside sidewall of sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-93	7.5		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-94	7.5		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-95	7.5		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-96	7.5		2nd sample from inside sidewall of sump tank with crusted residue from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404. First sample failed with result >9.0. inside wall of sump tank was scraped and re-cleaned by Stryker before it was re-sampled.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-97	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-98	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-99	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-100	6.5		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-101	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-102	6.5		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-103	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-104	7.0		2nd Sample collected from trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402, after Techtron pressure washed. Initially sample failed with pH result of >9.0.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-105	7.0		2nd Sample collected from trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402, after Techtron pressure washed. Initially sample failed with pH result of >9.0.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-106	7.0		2nd Sample collected from trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402, after Techtron pressure washed. Initially sample failed with pH result of >9.0.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-107	7.0		2nd Sample collected from trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402, after Techtron pressure washed. Initially sample failed with pH result of >9.0.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-108	7.0		2nd Sample collected from trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402, after Techtron pressure washed. Initially sample failed with pH result of >9.0.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-109	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-110	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-111	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-112	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-113	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-114	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-115	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-116	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-117	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-118	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-119	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-120	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-121	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-122	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-123	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-124	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-125	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-126	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-127	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-128	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-129	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-130	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-131	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-132	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-133	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-134	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-135	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-136	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-137	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-138	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-139	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-140	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-141	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-142	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-143	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-144	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-145	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-146	6.5		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-147	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-148	6.5		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-149	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-150	6.5		Trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-151	6.5		Trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-152	6.5		Trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-153	6.5		Trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404.
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-154	6.5		Trench floor with exposed concrete from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-155	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-156	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-157	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-158	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-159	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-160	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-161	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-162	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-163	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-164	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-165	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-166	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-167	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-168	6.0		Trench floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-169	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-170	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-171	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-172	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-173	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-174	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-175	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-176	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-177	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-178	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-179	6.0		Trench sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-180	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-181	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-182	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-183	6.0		Pit floor from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-184	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-185	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-186	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/7/2015	330D	2	B/330-TMAH	2-B/330-TMAH-187	6.0		Pit Sidewall from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-188	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B inside intake
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-189	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B outside of flexible stainless steel hose
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-190	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B between intake flange
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-191	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B outside top of pump assembly
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-192	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B between flange on top of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-193	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B outside of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-194	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump B inside discharge port
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-195	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A inside intake
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-196	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A outside of flexible stainless steel hose

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-197	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A between intake flange
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-198	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A outside top of pump assembly
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-199	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A between flange on top of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-200	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A outside of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-201	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 pump A inside discharge port
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-202	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B inside intake
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-203	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B outside of flexible stainless steel hose
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-204	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B between intake flange
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-205	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B outside top of pump assembly
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-206	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B between flange on top of pump motor

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-207	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B outside of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-208	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump B inside discharge port
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-209	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A inside intake
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-210	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A outside of flexible stainless steel hose
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-211	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A between intake flange
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-212	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A outside top of pump assembly
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-213	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A between flange on top of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-214	6.5		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A outside of pump motor
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-215	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408 pump A inside discharge port
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-216	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-217	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-218	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-219	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-220	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-221	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-222	7.5		TMAH reclaim line Area 2 Core 22 D, sampled interior staining
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-223	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 intake of discharge header
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-224	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 intake of discharge header
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-225	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 discharge outlet of header
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-226	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 intake of discharge header

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-227	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 intake of discharge header
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-228	7.0		Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406 discharge outlet of header
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-229	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-230	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-231	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-232	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3402 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-233	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-234	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 that needed to be scraped and washed good prior to sampling

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-235	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-236	7.5		Pipe with staining from inside sump tank from Core 21D, Waste TMAH Sump/Lift Station in Area 2 CS3404 that needed to be scraped and washed good prior to sampling
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-237	7.0		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-238	7.0		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-239	7.0		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-240	7.0		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-241	6.5		Bottom of lid of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-242	6.5		Bottom of lid of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-243	7.5		Exhaust pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-244	6.0		Exhaust pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-245	7.5		Exhaust pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-246	6.0		Pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-247	6.0		Pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-248	6.0		Pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-249	6.5		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-250	6.5		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-251	6.5		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-252	6.5		Top of sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-253	6.5		Bottom of lid of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-254	6.5		Bottom of lid of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-255	7.5		Exhaust pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-256	6.0		Exhaust pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-257	7.5		Exhaust pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-258	6.0		Pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-259	6.0		Pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/14/2015	330D	2	B/330-TMAH	2-B/330-TMAH-260	6.0		Pipe coming out of top of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-261	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-262	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-263	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-264	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-265	6.5		Inside flange on side of tank sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-266	6.5		Inside flange on side of tank sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-267	6.5		Bottom of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-268	6.5		Bottom of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-269	6.5		Outside sidewall of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-270	6.5		Outside sidewall of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-271	7.0		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-272	7.5		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-273	7.0		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-274	7.0		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-275	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-276	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-277	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-278	6.5		Inside bottom sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-279	6.5		Inside flange on side of tank sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-280	6.5		Inside flange on side of tank sump tank with staining from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-281	6.5		Bottom of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-282	6.5		Bottom of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-283	6.5		Outside sidewall of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-284	6.5		Outside sidewall of sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-285	7.0		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-286	7.5		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-287	7.0		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-288	7.0		Inside sidewall of sump tank with crusted residue from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408.
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-289	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-290	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-291	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-292	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-293	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-294	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3407
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-295	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-296	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3409
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-297	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-298	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-299	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-300	6.0		Pit floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-301	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-302	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-303	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-304	6.0		Pit Sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-305	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-306	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-307	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-308	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-309	6.0		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-310	7.5		Trench floor with exposed concrete from bolt holes located in Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-311	7.5		Trench floor with exposed concrete from bolt holes located in Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-312	7.5		Trench floor with exposed concrete from bolt holes located in Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-313	7.0		Trench floor with exposed concrete from bolt holes located in Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-314	7.0		Trench floor with exposed concrete from bolt holes located in Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-315	7.5		Trench floor with exposed concrete from bolt holes located in Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-316	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-317	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-318	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-319	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-320	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-321	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-322	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-323	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-324	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-325	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-326	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-327	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-328	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-329	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-330	7.0		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-331	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-332	7.5		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-333	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-334	7.0		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-335	7.5		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-336	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-337	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-338	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-339	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-340	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-341	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-342	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-343	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-344	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-345	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-346	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-347	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-348	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-349	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-350	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-351	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-352	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-353	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-354	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-355	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-356	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-357	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-358	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-359	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-360	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-361	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-362	6.0		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-363	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-364	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-365	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-366	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-367	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-368	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-369	7.0		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-370	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-371	7.5		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-372	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-373	7.5		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-374	7.0		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-375	7.5		Trench floor with exposed concrete from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-376	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-377	6.5		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-378	6.0		Trench floor from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-379	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-380	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-381	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-382	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-383	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-384	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-385	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-386	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-387	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/19/2015	330D	2	B/330-TMAH	2-B/330-TMAH-388	6.0		Trench sidewall from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-389	6.0		TMAH reclaim line Area 2, sampled interior staining
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-390	6.0		TMAH reclaim line Area 2, sampled interior staining
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-391	6.0		TMAH reclaim line Area 2, sampled interior staining
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-392	6.0		TMAH reclaim line Area 2, sampled interior staining
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-393	6.0		TMAH reclaim line Area 2, sampled interior staining

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-394	7.0		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-395	7.5		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-396	7.5		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-397	7.0		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3406
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-398	7.0		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-399	7.5		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-400	7.5		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
5/21/2015	330D	2	B/330-TMAH	2-B/330-TMAH-401	7.0		Pipe with black residue that went in to sump tank from Core 22D, Waste TMAH Sump/Lift Station in Area 2 CS3408
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-402	6.5		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # AY-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-403	7.5		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # AY-26) that had been cleaned be Techtron.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-404	7.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 2 (column # AY-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-405	6.5		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # BC-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-406	7.0		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # BC-26) that had been cleaned be Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-407	6.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 2 (column # BC-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-408	7.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # BD-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-409	7.5		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # BD-26) that had been cleaned be Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-410	6.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 2 (column # BD-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-411	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # BH-26) that had been cleaned by Techtron.
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-412	7.0		Back surface with staining of Fluoride/Heavy Metal lift Station in Area 2 (column # BH-26) that had been cleaned be Techtron.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 4B
Building 330D Area 2
SWMU Component Verification Data
Waste TMAH Transfer System and Fluoride Lift Stations
MLC Packaging EOL ARO Project

6/26/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description [(1)]
6/23/2015	330D	2	B/330D LS FL	2-B/330-TMAH-413	6.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 2 (column # BH-26) that had been cleaned by Techtron.

Total Number of Samples 413 Maximum pH 7.5 Minimum pH 6.0

Note (1): Lift stations were identified by 2 confined space ID numbers on their singular sump tanks. The data were recorded with reference only to the even number ID# on each sump. CS3402 refers to Sump CS3401/CS3402. CS3404 refers to Sump CS3403/CS3404. CS3406 refers to Sump CS3405/CS3406. CS3408 refers to Sump CS3407/CS3408.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-1	6.0		Result of 2nd sample collected from floor of Sump/Lift station pit and trench at BF-40. First sample was elevated with result >9.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-2	6.0		Result of 2nd sample collected from floor of Sump/Lift station pit and trench at BF-40. First sample was elevated with result >9.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-3	6.0		Result of 2nd sample collected from floor of Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-4	6.0		Result of 2nd sample collected from floor of Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-5	6.0		Result of 2nd sample collected from floor of Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-6	6.0		Result of 2nd sample collected from floor of Sump/Lift station pit and trench at BF-40. First sample was elevated with result >9.0. Sidewall was re-cleaned by Techtron before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-7	6.0		Result of 2nd sample collected from sidewall of Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-8	6.0		Result of 2nd sample collected from sidewall of Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-9	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-10	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-11	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-12	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-13	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-14	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-15	7.0		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-16	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-17	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-18	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-19	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-20	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-21	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-22	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-23	6.0		Concrete ledge tile sits from Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-24	6.5		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-25	6.5		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-26	6.5		Sidewall of Sump/Lift station pit and trench at BF-40
3/11/2015	330D	30		30-PT-27	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-28	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-29	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-30	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-31	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-32	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-33	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-34	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-35	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-36	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-37	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result of 8.5. Floor was re-cleaned by Techtron before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-38	6.0		Result of 2nd sample collected from floor Sump/Lift station pit and trench at BF-40. First sample was elevated with result >9.0. Floor was re-cleaned by Techtron before it was re-sampled.
3/11/2015	330D	30		30-PT-39	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-40	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-41	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-42	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-43	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-44	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-45	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-46	6.0		Result of 2nd sample collected from of floor Sump/Lift station pit and trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-47	6.5		Sidewall for Sump/Lift station pit and trench at BG-39
3/11/2015	330D	30		30-PT-48	6.5		Sidewall for Sump/Lift station pit and trench at BG-39
3/11/2015	330D	30		30-PT-49	6.5		Sidewall for Sump/Lift station pit and trench at BG-39

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 5
Building 330D Area 30 Pit and Trench Samples
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL NON-ARO Project

3/13/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/11/2015	330D	30		30-PT-50	6.5		Sidewall for Sump/Lift station pit and trench at BG-39
3/11/2015	330D	30		30-PT-51	6.5		Result of 2nd sample collected from of floor Sump/Lift station trench at BG-39. First sample was with in acceptable range with result of 7.5. Area was re-sampled after Techtron removed debris and cleaned pit/trench
3/11/2015	330D	30		30-PT-52	6.0		Floor for Sump/Lift station trench at BG-39
3/11/2015	330D	30		30-PT-53	6.0		Floor for Sump/Lift station trench at BG-39
3/11/2015	330D	30		30-PT-54	6.0		Sidewall for Sump/Lift station pit and trench at BG-39
3/11/2015	330D	30		30-PT-55	6.0		Sidewall for Sump/Lift station pit and trench at BG-39
3/11/2015	330D	30		30-PT-56	6.0		Sidewall for Sump/Lift station pit and trench at BG-39

Total Number of Samples 67 Maximum pH 7.0 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

ARCADIS

Table 6B
Building 330D Area 1 SWMU Component Verification Data
Solvent Waste Lift Station and Solvent Waste Transfer Piping
MLC Packaging EOL NON-ARO Project

3/20/2015

Date	Building	Area	HEX #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
3/20/2015	330D	1	1.21	1.21-12	5.5		Inside walls of drum cabinet for SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-13	5.5		Inside walls of drum cabinet for SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-14	5.5		Outside panel of drum cabinet from SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-15	5.5		Outside panel of drum cabinet from SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-17	6.0		Inside pipes from SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-18	6.0		Inside pipes from SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-19	6.0		Inside pipes from SWMU B330 - SO (2) solvent waste transfer piping at BH-23
3/20/2015	330D	1	1.21	1.21-20	6.0		Inside pipe connection on SWMU B/330D LS SO solvent waste lift station at BH-23
3/20/2015	330D	1	1.21	1.21-21	6.0		Inside SWMU B/330D LS SO tank for solvent waste lift station at BH-23
3/20/2015	330D	1	1.21	1.21-22	6.0		Outside SWMU B/330D LS SO tank for solvent waste lift station at BH-23

Total Number of Samples **10** **Maximum pH** **6.0** **Minimum pH** **5.5**

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-1	7.5		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-29)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-2	7.0		2nd sample from Back surface with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-29). First sample failed with result >9.0. Outside surface was re-cleaned by Techtron before it was re-sampled
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-3	7.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-29)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-4	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-30)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-5	7.0		2nd sample from Back surface with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-30). First sample failed with result >9.0. Outside surface was re-cleaned by Techtron before it was re-sampled
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-6	7.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-30)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-7	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-32)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-8	7.5		2nd sample from Back surface with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-32). First sample failed with result >9.0. Outside surface was re-cleaned by Techtron before it was re-sampled

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-9	7.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-32)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-10	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-34)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-11	7.0		2nd sample from Back surface with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-34). First sample failed with result >9.0. Outside surface was re-cleaned by Techtron before it was re-sampled
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-12	6.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # BD-34)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-13	7.5		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BF-32)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-14	7.5		2nd sample from Back surface with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BF-32). First sample failed with result >9.0. Outside surface was re-cleaned by Techtron before it was re-sampled
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-15	7.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # BF-32)
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-16	6.0		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BE-34)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-17	7.0		2nd sample from Back surface with staining of Fluoride/Heavy Metal lift Station in Area 4 (column # BE-34). First sample failed with result >9.0. Outside surface was re-cleaned by Techtron before it was re-sampled
5/21/2015	330D	4	B/330D LS FL	B/330D LS FL-18	6.0		Inside tank of Fluoride/Heavy Metal lift Station in Area 4 (column # BE-34)
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-1	7.0		2nd sample from Pit floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result of 8.5. Pit was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-2	7.0		2nd sample from Pit floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result of 8.5. Pit was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-3	7.0		2nd sample from Pit floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result of 8.5. Pit was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-4	7.0		2nd sample from Pit floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result of 8.5. Pit was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-5	6.5		Pit Sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-6	6.5		Pit Sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-7	6.5		Pit Sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-8	6.5		Pit Sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-9	7.0		Trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-10	7.5		2nd sample from trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result of 8.5. trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-11	6.5		Trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-12	7.5		Trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-13	7.5		2nd sample from trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. trench was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-14	7.5		2nd sample from trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-15	7.5		Trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-16	7.0		Trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-17	6.5		Trench floor from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-18	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-19	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-20	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-21	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-22	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-23	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-24	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-25	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-26	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-27	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-28	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-29	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-30	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-31	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-32	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-33	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-34	6.5		Trench sidewall from Core 8D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-35	7.0		Pit floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-36	7.0		Pit floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-37	7.0		Pit floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-38	7.0		Pit floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-39	7.0		Pit Sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-40	7.0		Pit Sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-41	7.0		Pit Sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-42	7.0		Pit Sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-43	7.0		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-44	7.0		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-45	7.0		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-46	7.0		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-47	7.0		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-48	7.0		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-49	7.5		Trench floor from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-50	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-51	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-52	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-53	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-54	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-55	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-56	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-57	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-58	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-59	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-60	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-61	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-62	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-63	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-64	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-65	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-66	7.0		Trench sidewall from Core 7D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-67	7.0		Pit floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-68	7.0		Pit floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-69	7.5		Pit floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-70	7.5		Pit floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-71	7.5		Pit floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-72	6.5		Pit Sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-73	6.5		Pit Sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-74	6.5		Pit Sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-75	6.5		Pit Sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-76	7.0		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-77	7.0		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-78	7.0		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-79	7.0		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-80	7.0		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-81	7.5		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-82	7.5		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-83	7.5		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-84	7.5		Trench floor from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-85	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-86	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-87	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-88	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-89	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-90	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-91	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-92	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-93	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-94	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-95	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-96	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-97	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-98	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-99	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-100	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-101	7.0		Trench sidewall from Core 6D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-102	7.5		Pit floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-103	7.0		Pit floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-104	7.5		Pit floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-105	7.0		Pit floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-106	7.0		Pit Sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-107	7.0		Pit Sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-108	7.0		Pit Sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-109	7.0		Pit Sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-110	7.5		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-111	7.5		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-112	7.5		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-113	7.0		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-114	6.5		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-115	7.0		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-116	7.0		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-117	6.5		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-118	7.0		Trench floor from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-119	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-120	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-121	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-122	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-123	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-124	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-125	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-126	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-127	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-128	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-129	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-130	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-131	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-132	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-133	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-134	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-135	6.5		Trench sidewall from Core 5D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-136	7.0		2nd sample from Pit floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Pit was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-137	7.0		2nd sample from Pit floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Pit was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-138	7.0		2nd sample from Pit floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Pit was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-139	7.0		2nd sample from Pit floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Pit was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-140	7.0		Pit Sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-141	7.0		Pit Sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-142	7.0		Pit Sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-143	7.0		Pit Sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-144	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-145	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-146	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-147	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-148	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-149	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-150	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-151	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-152	7.0		2nd sample from trench floor from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4. First sample failed with result >9.0. Trench was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-153	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-154	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-155	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-156	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-157	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-158	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-159	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-160	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-161	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-162	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-163	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-164	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-165	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-166	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-167	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-168	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-169	7.0		Trench sidewall from Core 4D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-170	7.0		Pit floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-171	7.0		Pit floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-172	7.0		Pit floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-173	7.0		Pit floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-174	6.5		Pit Sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-175	6.5		Pit Sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-176	6.5		Pit Sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-177	6.5		Pit Sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-178	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-179	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-180	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-181	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-182	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-183	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-184	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-185	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-186	6.0		Trench floor from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-187	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-188	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-189	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-190	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-191	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-192	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-193	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-194	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-195	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-196	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-197	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-198	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-199	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-200	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-201	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-202	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 7B
Building 330D Area 4
SWMU Component Verification Data
Waste TMAH Transfer System, Fuoride and Industrial Waste Lift Stations
MLC Packaging EOL ARO Project

7/24/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/29/2015	330D	4	B/330-TMAH	4-B/330-TMAH-203	6.0		Trench sidewall from Core 3D, of previously removed Waste TMAH Sump/Lift Station in Area 4
7/23/2015	330D	4	B/330D LS IW	B/330D LS IW-1	6.0		Inside sink with staining of industrial waste lift Station in Area 4 (column # BF-36)
7/23/2015	330D	4	B/330D LS IW	B/330D LS IW-2	6.0		Inside sink with staining of industrial waste lift Station in Area 4 (column # BF-36)
7/23/2015	330D	4	B/330D LS IW	B/330D LS IW-3	6.5		Inside tank of industrial waste lift Station in Area 4 (column # BF-36)

Total Number of Samples 224 Maximum pH 7.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1	6.5		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-2	6.5		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-3	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-4	7.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-5	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-6	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-7	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-8	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-9	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-10	6.0		TMAH transfer pipe from tank 3508 in Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-11	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-12	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-13	6.5		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-14	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-15	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-16	6.0		TMAH transfer pipe from tank 3508 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-17	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-18	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-19	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-20	6.0		TMAH transfer pipe from tank 3505 in Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-21	6.5		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-22	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-23	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-24	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-25	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-26	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-27	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-28	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-29	6.0		TMAH transfer pipe from tank 3505 in Area 15.2
5/26/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-30	6.0		TMAH transfer pipe from tank 3505 in Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-31	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-32	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-33	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-34	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-35	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-36	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-37	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-38	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-39	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-40	6.0		TMAH PVC drain/vent pipe from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-41	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-42	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-43	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-44	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-45	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-46	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-47	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-48	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-49	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-50	6.0		TMAH PVC drain/vent pipe from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-51	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-52	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-53	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-54	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-55	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-56	6.0		TMAH PVC drain/vent pipe from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-57	6.0		PVC Permeate piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-58	6.0		Steel TMACL transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-59	6.0		Steel TMACL transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-60	6.0		Steel TMACL transfer piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-61	6.0		Steel TMACL transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-62	6.0		Steel TMACL transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-63	6.0		Steel TMACL transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-64	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-65	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-66	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-67	7.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-68	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-69	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-70	6.0		WAC stainless steel transfer piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-71	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-72	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-73	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-74	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-75	7.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-76	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-77	6.5		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-78	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-79	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-80	6.0		WAC stainless steel transfer piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-81	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-82	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-83	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-84	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-85	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-86	6.0		WAC stainless steel transfer piping from Area 15.2
6/2/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-87	6.0		WAC stainless steel transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-88	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-89	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-90	6.0		Check valve with white residue from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-91	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-92	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-93	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-94	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-95	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-96	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-97	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-98	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-99	6.0		Check valve with white residue from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-100	6.5		Stainless steel permeate transfer piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-101	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-102	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-103	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-104	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-105	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-106	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-107	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-108	7.5		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-109	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-110	6.5		Stainless steel permeate transfer piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-111	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-112	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-113	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-114	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-115	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-116	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-117	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-118	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-119	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-120	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-121	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH>9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-122	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-123	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-124	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-125	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-126	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-127	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-128	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-129	6.0		Stainless steel permeate transfer piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-130	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-131	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-132	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-133	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH>9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-134	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-135	7.5		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-136	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-137	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-138	6.5		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH>9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-139	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-140	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-141	7.0		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-142	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-143	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-144	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-145	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-146	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-147	7.5		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH>9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-148	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-149	7.5		2nd sample collected from stainless steel permeate transfer piping from Area 15.2. First sample failed with pH>9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-150	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-151	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-152	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-153	6.0		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-154	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-155	6.5		Stainless steel permeate transfer piping from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-156	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-157	6.0		Steel transfer piping with white residue inside from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-158	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed with at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-159	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-160	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-161	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-162	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-163	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-164	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-165	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-166	6.0		Steel transfer piping with white residue inside from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-167	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-168	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-169	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-170	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-171	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-172	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-173	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-174	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-175	6.0		Steel transfer piping with white residue inside from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-176	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-177	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-178	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-179	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-180	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-181	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-182	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-183	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-184	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-185	6.0		Steel transfer piping with white residue inside from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-186	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-187	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-188	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-189	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-190	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-191	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-192	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-193	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-194	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-195	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-196	6.0		2nd sample collected from steel transfer piping with white residue in it from Area 15.2. First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-197	6.0		Steel transfer piping with white residue inside from Area 15.2
6/3/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-198	6.0		Steel transfer piping with white residue inside from Area 15.2
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-199	6.0		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-200	6.0		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-201	6.0		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-202	6.0		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-203	6.0		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-204	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-205	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-206	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-207	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-208	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-209	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-210	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-211	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-212	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-213	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-214	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-215	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-216	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-217	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-218	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-219	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-220	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-221	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-222	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-223	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-224	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-225	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-226	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-227	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-228	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-229	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-230	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-231	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/18/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-232	5.5		Steel piping WBA Filter tanks, Tag# F5100 (near column J43).
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-233	5.5		Stainless steel TMAH transfer pipe from Area 15.2.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-234	5.5		Stainless steel TMAH transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-235	5.5		Stainless steel TMAH transfer pipe from Area 15.2.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-236	6.0		Stainless steel TMAH transfer pipe from Area 15.2.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-237	6.0		Stainless steel TMAH transfer pipe from Area 15.2.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-238	6.0		Stainless steel TMAH transfer pipe from Area 15.2.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-239	5.5		2nd sample collected from stainless steel transfer piping from Area 15.2. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-240	5.5		2nd sample collected from stainless steel transfer piping from Area 15.2. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-241	5.5		2nd sample collected from stainless steel transfer piping from Area 15.2. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-242	5.5		2nd sample collected from stainless steel transfer piping from Area 15.2. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-243	6.0		PVC TMACL waste piping from Area 15.2

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-244	6.0		PVC TMACL waste piping from Area 15.2
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-245	6.0		PVC TMACL waste piping from Area 15.2
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-246	6.0		PVC TMACL waste piping from Area 15.2
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-247	6.0		PVC TMACL waste piping from Area 15.2
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-248	6.0		PVC TMACL waste piping from Area 15.2
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-249	6.5		PVC TMACL waste piping from Area 15.2
6/22/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-250	6.5		PVC TMACL waste piping from Area 15.2
6/25/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-251	6.0		Intake port on circulation pump connected to transfer piping in Area 15.2.
6/25/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-252	6.0		Discharge port on circulation pump connected to transfer piping in Area 15.2.
6/25/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-253	6.0		Intake port on circulation pump connected to transfer piping in Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-254	6.0		Discharge port on circulation pump connected to transfer piping in Area 15.2.
6/25/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-255	6.0		Intake port on circulation pump connected to transfer piping in Area 15.2.
6/25/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-256	6.0		Discharge port on circulation pump connected to transfer piping in Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-257	5.5		Stainless steel TMAH piping from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-258	6.0		Stainless steel TMAH piping from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-259	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-260	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-261	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-262	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-263	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-264	5.5		Inside poly, sodium hypochlorite tank from Area 15.2
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-265	5.5		Inside poly, sodium hypochlorite tank from Area 15.2
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-266	7.0		Inside poly, sodium hypochlorite tank from Area 15.2
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-267	7.0		Inside poly, sodium hypochlorite tank from Area 15.2
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-268	5.5		Inside poly, Ultrasil day tank from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-269	5.5		Inside poly, Ultrasil day tank from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-270	5.5		Inside poly, Ultrasil day tank from Area 15.2.
6/30/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-271	5.5		Inside poly, Ultrasil day tank from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-272	5.5		Stainless steel transfer pipe from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-273	5.5		Stainless steel transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-274	5.5		Stainless steel transfer pipe from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-275	6.0		Stainless steel transfer pipe from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-276	6.0		Stainless steel transfer pipe from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-277	6.5		Stainless steel transfer pipe from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-278	6.5		Stainless steel transfer pipe from Area 15.2.
7/1/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-279	6.5		Stainless steel transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-280	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-281	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-282	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-283	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-284	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-285	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-286	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-287	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-288	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-289	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-290	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-291	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-292	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-293	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-294	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-295	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-296	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-297	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-298	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-299	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-300	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-301	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-302	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-303	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-304	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-305	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-306	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-307	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-308	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-309	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-310	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-311	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-312	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-313	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-314	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-315	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-316	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-317	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-318	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-319	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-320	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-321	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-322	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-323	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-324	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-325	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-326	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-327	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-328	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-329	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-330	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-331	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-332	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-333	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-334	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-335	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-336	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-337	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-338	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-339	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-340	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-341	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-342	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-343	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-344	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-345	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-346	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-347	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-348	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-349	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-350	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-351	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-352	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-353	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-354	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-355	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-356	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-357	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-358	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-359	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-360	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-361	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-362	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-363	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-364	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-365	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-366	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-367	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-368	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-369	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-370	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-371	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-372	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-373	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-374	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-375	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-376	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-377	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-378	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-379	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-380	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-381	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-382	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-383	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-384	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-385	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-386	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-387	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-388	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-389	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-390	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-391	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-392	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-393	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-394	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/6/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-395	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-396	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-397	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-398	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-399	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-400	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-401	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-402	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-403	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/7/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-404	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-405	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-406	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-407	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-408	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-409	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-410	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-411	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-412	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-413	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-414	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-415	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-416	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-417	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-418	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-419	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-420	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-421	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-422	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-423	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-424	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-425	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-426	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-427	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-428	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-429	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-430	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-431	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-432	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-433	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-434	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-435	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-436	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-437	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-438	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-439	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-440	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-441	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-442	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-443	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-444	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-445	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-446	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-447	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-448	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-449	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-450	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-451	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-452	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-453	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-454	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-455	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-456	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-457	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-458	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-459	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-460	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-461	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-462	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-463	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-464	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-465	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-466	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-467	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-468	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-469	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-470	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-471	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-472	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-473	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-474	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-475	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-476	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-477	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-478	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-479	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-480	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-481	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-482	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-483	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-484	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-485	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-486	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-487	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-488	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-489	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-490	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-491	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-492	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-493	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-494	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-495	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-496	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-497	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-498	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-499	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-500	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-501	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-502	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-503	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-504	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-505	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-506	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-507	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-508	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-509	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-510	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-511	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-512	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-513	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-514	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-515	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-516	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-517	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-518	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-519	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-520	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-521	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-522	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-523	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-524	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-525	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-526	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-527	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-528	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-529	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-530	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-531	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-532	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-533	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-534	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-535	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-536	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-537	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-538	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-539	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-540	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-541	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-542	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-543	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-544	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-545	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-546	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-547	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-548	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-549	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-550	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-551	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-552	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-553	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-554	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-555	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-556	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-557	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-558	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-559	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-560	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-561	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-562	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-563	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-564	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-565	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-566	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-567	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-568	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-569	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-570	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-571	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-572	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-573	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-574	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-575	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-576	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-577	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-578	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-579	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-580	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-581	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-582	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-583	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-584	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-585	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-586	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-587	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-588	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-589	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-590	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-591	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-592	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-593	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-594	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-595	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-596	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-597	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-598	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-599	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-600	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-601	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-602	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-603	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-604	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-605	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-606	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-607	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-608	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-609	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-610	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-611	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-612	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-613	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-614	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-615	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-616	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-617	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-618	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-619	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-620	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-621	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-622	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-623	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-624	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-625	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-626	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-627	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-628	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-629	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-630	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-631	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-632	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-633	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-634	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-635	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-636	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-637	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-638	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-639	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-640	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-641	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-642	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-643	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-644	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-645	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-646	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-647	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-648	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-649	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-650	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-651	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-652	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-653	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-654	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-655	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-656	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-657	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-658	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-659	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-660	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-661	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-662	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-663	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-664	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-665	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-666	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-667	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-668	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-669	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-670	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-671	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-672	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-673	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-674	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-675	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-676	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-677	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-678	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-679	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-680	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-681	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-682	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-683	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-684	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-685	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-686	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-687	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-688	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-689	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-690	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-691	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-692	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-693	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-694	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-695	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-696	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-697	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-698	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-699	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-700	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-701	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-702	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-703	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-704	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-705	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-706	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-707	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-708	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-709	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-710	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-711	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-712	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-713	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-714	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-715	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-716	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-717	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-718	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-719	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-720	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-721	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-722	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-723	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-724	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-725	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-726	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-727	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-728	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-729	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-730	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-731	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-732	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-733	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-734	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-735	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-736	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-737	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-738	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-739	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-740	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-741	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-742	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-743	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-744	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-745	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-746	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-747	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-748	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-749	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-750	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-751	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-752	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-753	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-754	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-755	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-756	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-757	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-758	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-759	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-760	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-761	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-762	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-763	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-764	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-765	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-766	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-767	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-768	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-769	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-770	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-771	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-772	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-773	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-774	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-775	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-776	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-777	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-778	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-779	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-780	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-781	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-782	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-783	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-784	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-785	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-786	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-787	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-788	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-789	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-790	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-791	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-792	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-793	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-794	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-795	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-796	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-797	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-798	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-799	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-800	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-801	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-802	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-803	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-804	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-805	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-806	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-807	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-808	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-809	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-810	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-811	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-812	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-813	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-814	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-815	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-816	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-817	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-818	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-819	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-820	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-821	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-822	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-823	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-824	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-825	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-826	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-827	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-828	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-829	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-830	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-831	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-832	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-833	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-834	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-835	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-836	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-837	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-838	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-839	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-840	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-841	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-842	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-843	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-844	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-845	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-846	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-847	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-848	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-849	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-850	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-851	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-852	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-853	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-854	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-855	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-856	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-857	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-858	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-859	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-860	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-861	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-862	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-863	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-864	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/10/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-865	7.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-866	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-867	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-868	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-869	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-870	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-871	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-872	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-873	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-874	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-875	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-876	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-877	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-878	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-879	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-880	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-881	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-882	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-883	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-884	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-885	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-886	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-887	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-888	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-889	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-890	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-891	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-892	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-893	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-894	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-895	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-896	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-897	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-898	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-899	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-900	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-901	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-902	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-903	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-904	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-905	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-906	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-907	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-908	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-909	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-910	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-911	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-912	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-913	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-914	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-915	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-916	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-917	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-918	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-919	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-920	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-921	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-922	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-923	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-924	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-925	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-926	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-927	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-928	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-929	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-930	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-931	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-932	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-933	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-934	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-935	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-936	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-937	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-938	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-939	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-940	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-941	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-942	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-943	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-944	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-945	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-946	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-947	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-948	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-949	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-950	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-951	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-952	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-953	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-954	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-955	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-956	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-957	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-958	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-959	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-960	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-961	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-962	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-963	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-964	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-965	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-966	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-967	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-968	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-969	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-970	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-971	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-972	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-973	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-974	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-975	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-976	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-977	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-978	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-979	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-980	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-981	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-982	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-983	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-984	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-985	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-986	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-987	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-988	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-989	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-990	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-991	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-992	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-993	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-994	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-995	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-996	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-997	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-998	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-999	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1000	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1001	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1002	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1003	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1004	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1005	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1006	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1007	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1008	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1009	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1010	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1011	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1012	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1013	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1014	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1015	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1016	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1017	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1018	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1019	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1020	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1021	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1022	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1023	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1024	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1025	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1026	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1027	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1028	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1029	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1030	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1031	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1032	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1033	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1034	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/13/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1035	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1036	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1037	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1038	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1039	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1040	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1041	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1042	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1043	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1044	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1045	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1046	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1047	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1048	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1049	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1050	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1051	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1052	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1053	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1054	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1055	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1056	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1057	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1058	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1059	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1060	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1061	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1062	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1063	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1064	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1065	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1066	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1067	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1068	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1069	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1070	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1071	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1072	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1073	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1074	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1075	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1076	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1077	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1078	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1079	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1080	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1081	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1082	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1083	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1084	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1085	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/14/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1086	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1087	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1088	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1089	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1090	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1091	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1092	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1093	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1094	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1095	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1096	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1097	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1098	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1099	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1100	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1101	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1102	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1103	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1104	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1105	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1106	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1107	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1108	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1109	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1110	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1111	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1112	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1113	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1114	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1115	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1116	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1117	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1118	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1119	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1120	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1121	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1122	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1123	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1124	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1125	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1126	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1127	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1128	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1129	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1130	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1131	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1132	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1133	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1134	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1135	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1136	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1137	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1138	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1139	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1140	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1141	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1142	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1143	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1144	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1145	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1146	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1147	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1148	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1149	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1150	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1151	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1152	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1153	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1154	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1155	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1156	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1157	5.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1158	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1159	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1160	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1161	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1162	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1163	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1164	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1165	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1166	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1167	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1168	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.2 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1169	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1170	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1171	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1172	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1173	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1174	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1175	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1176	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1177	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/16/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1178	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/17/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1179	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/17/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1180	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/17/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1181	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1182	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1183	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1184	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1185	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1186	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1187	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1188	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1189	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1190	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1191	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1192	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1193	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1194	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1195	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1196	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1197	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1198	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1199	6.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1200	6.5		PVC TMAH/chemical transfer pipe from Area 15.2.
7/20/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1201	7.0		PVC TMAH/chemical transfer pipe from Area 15.2.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1202	5.5		TMAH waste transfer pipe between building 338 and 339.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1203	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1204	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1205	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1206	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1207	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1208	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1209	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1210	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1211	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1212	5.5		TMAH waste transfer pipe between building 338 and 339.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1213	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1214	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1215	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1216	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	15.2	B/338-TMAH	15.2-B/338-TMAH-1217	5.5		TMAH waste transfer pipe between building 338 and 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1218	6.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1219	6.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1220	6.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1221	6.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1222	6.0		TMAH waste pipe in building 339.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1223	6.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1224	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1225	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1226	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1227	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1228	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1229	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1230	6.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1231	7.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1232	7.0		TMAH waste pipe in building 339.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8
Building 338 Area 15.2 and Building 339 Area 17
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1233	7.0		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1234	7.5		TMAH waste pipe in building 339.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1235	7.0		2nd sample collected from inside discharge port of TMAH waste pump 2 in building 339. First sample failed at pH >9.0. Pump was re-flushed by Stryker before it was re-sampled.
7/31/2015	338	17	B/338-TMAH	15.2-B/338-TMAH-1236	6.5		Inside discharge port of TMAH waste pump 1 in building 339.

Total Number of Samples 1236 Maximum pH 7.5 Minimum pH 5.5

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.2	41	3914	3914-1	6.0		Inside sidewall of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-2	6.0		Inside sidewall of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-3	6.5		Inside sidewall of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-4	6.0		Inside sidewall of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-5	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-6	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-7	6.5		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-8	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-9	6.5		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-10	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-11	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.2	41	3914	3914-12	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-9	6.5		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-10	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-11	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/18/2015	338	15.2	41	3914	3914-12	6.0		Inside side port of SWMU# 3914 Permeate Lift Tank T5950.
6/22/2015	338	15.2	42	3913	3913-1	6.0		2nd sample collected from inside of SWMU# 3913 - 250 gal. stainless Blowdown UF Recirculation Tank T5900. First sample failed at pH >9.0. Pipe and valve were re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	42	3913	3913-2	6.0		2nd sample collected from inside of SWMU# 3913 - 250 gal. stainless Blowdown UF Recirculation Tank T5900. First sample failed at pH >9.0. Pipe and valve were re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	42	3913	3913-3	6.0		2nd sample collected from inside of SWMU# 3913 - 250 gal. stainless Blowdown UF Recirculation Tank T5900. First sample failed at pH >9.0. Pipe and valve were re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.2	42	3913	3913-4	6.0		2nd sample collected from inside of SWMU# 3913 - 250 gal. stainless Blowdown UF Recirculation Tank T5900. First sample failed at pH >9.0. Pipe and valve were re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	42	3913	3913-5	6.0		2nd sample collected from inside of SWMU# 3913 - 250 gal. stainless Blowdown UF Recirculation Tank T5900. First sample failed at pH of 8.5. Pipe and valve were re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.2	42	3913	3913-6	6.0		2nd sample collected from inside of SWMU# 3913 - 250 gal. stainless Blowdown UF Recirculation Tank T5900. First sample failed at pH of 8.5. Pipe and valve were re-flushed by Stryker before it was re-sampled.
6/23/2015	338	15.2	38	3508	3508-1	6.5		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-2	6.5		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-3	6.5		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-4	6.5		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-5	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-6	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/23/2015	338	15.2	38	3508	3508-7	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-8	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-9	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-10	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-11	6.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-12	7.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/23/2015	338	15.2	38	3508	3508-13	7.0		Inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-1	5.5		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-2	5.5		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-3	5.5		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-4	6.5		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-5	6.5		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.2	35	3505	3505-6	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-7	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-8	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-9	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-10	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-11	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-12	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-13	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-14	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-15	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-16	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-17	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.2	35	3505	3505-18	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-19	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/24/2015	338	15.2	35	3505	3505-20	6.0		Inside Sidewall of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater.
6/29/2015	338	15.2	35	3505	3505-21	6.0		Inside bottom of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater after sludge had been removed.
6/29/2015	338	15.2	35	3505	3505-22	6.0		Inside bottom of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater after sludge had been removed.
6/29/2015	338	15.2	35	3505	3505-23	6.0		Inside bottom of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater after sludge had been removed.
6/29/2015	338	15.2	35	3505	3505-24	6.0		Inside bottom of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater after sludge had been removed.
6/29/2015	338	15.2	35	3505	3505-25	6.0		Inside bottom of SWMU# 3505 - 12,000 gal. HDPE TMACL Waste Tank T3200B, TMACL Wastewater after sludge had been removed.
7/7/2015	338	15.2	NA	F4500	F4500-1	5.5		2nd sample collected from inside ports F4500 filter tanks associated with TMACI Neutralization Tank initially failed with pH 3.0. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	NA	F4500	F4500-2	5.5		2nd sample collected from inside ports F4500 filter tanks associated with TMACI Neutralization Tank initially failed with pH 3.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	NA	F4500	F4500-3	5.5.		2nd sample collected from inside ports F4500 filter tanks associated with TMACI Neutralization Tank initially failed with pH 3.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	NA	F4500	F4500-4	5.5		2nd sample collected from inside ports F4500 filter tanks associated with TMACI Neutralization Tank initially failed with pH 3.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-14	5.5		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-15	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-16	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-17	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	38	3508	3508-18	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-19	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-20	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-21	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-22	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-23	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	38	3508	3508-24	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-25	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-26	6.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-27	6.5		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-28	6.5		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-29	6.5		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	38	3508	3508-30	6.5		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-31	6.5		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-32	7.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-33	7.0		2nd sample collected from inside sidewall of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-34	6.0		2nd sample collected from inside bottom of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-35	6.0		2nd sample collected from inside bottom of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	38	3508	3508-36	6.0		2nd sample collected from inside bottom of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-37	6.0		2nd sample collected from inside bottom of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	38	3508	3508-38	6.0		2nd sample collected from inside bottom of SWMU# 3508 - 9,000 gal HDPE TMACL Waste Neutralization Tank T4500, TMACL Wastewater in Area 15.2. First sample failed at pH >9.0. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-13	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-14	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-15	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	22	3504	3504-16	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-17	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-18	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-19	5.5		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-20	6.0		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-21	6.0		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	22	3504	3504-22	6.0		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-23	6.0		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-24	6.0		2nd sample collected from inside sidewall of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-25	5.5		2nd sample collected from inside bottom of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-26	5.5		2nd sample collected from inside bottom of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-27	5.5		2nd sample collected from inside bottom of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 8C
Building 338 Area 15.2
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/7/2015	338	15.2	22	3504	3504-28	5.5		2nd sample collected from inside bottom of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.
7/7/2015	338	15.2	22	3504	3504-29	5.5		2nd sample collected from inside bottom of SWMU# 3504 - 1,500 gal. HDPE WAC Lift Tank T1840,TMAH Wastewater. First sample failed at pH result of 3.5. Tank was re-cleaned by Stryker before it was re-sampled.

Total Number of Samples 105 Maximum pH 7.0 Minimum pH 5.5

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-1	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-2	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-3	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-4	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-5	7.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-6	7.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-7	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-8	6.5		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-9	7.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-10	6.5		TMAH reclaim pipes in Area 8

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-11	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-12	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-13	6.5		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-14	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-15	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-16	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-17	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-18	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-19	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-20	6.0		TMAH reclaim pipes in Area 8

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-21	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-22	7.0		2nd sample collected from TMAH reclaim piping in Area 8. First sample failed with pH >9.0. Pipe was re-flushed and re-sampled.
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-23	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-24	6.0		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-25	6.5		TMAH reclaim pipes in Area 8
5/28/2015	330D	8	B/330-TMAH	8-B/330-TMAH-26	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-27	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-28	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-29	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-30	6.0		TMAH reclaim pipes in Area 8

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-31	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-32	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-33	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-34	6.0		TMAH reclaim pipes in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-35	6.0		Outside of Pump A from TMAH reclaim system in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-36	6.0		Intake of Pump A from TMAH reclaim system in Area 8
6/2/2015	330D	8	B/330-TMAH	8-B/330-TMAH-37	6.0		Discharge outlet of Pump A from TMAH reclaim system in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-38	6.5		TMAH reclaim pipes in Area 8 with residual material in it
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-39	6.5		TMAH reclaim pipes in Area 8 with residual material in it
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-40	6.5		TMAH reclaim pipes in Area 8

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-41	6.5		TMAH reclaim pipes in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-42	6.5		TMAH reclaim pipes in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-43	6.5		TMAH reclaim pipes in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-44	6.5		TMAH reclaim pipes in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-45	6.5		TMAH reclaim pipes in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-46	6.5		TMAH reclaim pipes in Area 8
6/3/2015	330D	8	B/330-TMAH	8-B/330-TMAH-47	6.5		TMAH reclaim pipes in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-48	6.0		Outside of Pump B from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-49	6.0		Intake of Pump B from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-50	6.0		Discharge outlet of Pump C from TMAH reclaim system in Area 8

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-51	6.0		Outside of Pump C from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-52	6.0		Intake of Pump C from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-53	6.0		Discharge outlet of Pump C from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-54	6.0		Outside of Pump D from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-55	6.0		Intake of Pump D from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-56	6.0		Discharge outlet of Pump D from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-57	6.0		TMAH reclaim pipes in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-58	6.0		TMAH reclaim pipes in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-59	6.0		TMAH reclaim pipes in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-60	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-61	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-62	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-63	6.5		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-64	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-65	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-66	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-67	6.0		Inside outlet of heating exchange from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-68	6.0		Port from centrifuge A from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-69	6.5		Port from centrifuge A from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-70	6.5		Port from centrifuge A from TMAH reclaim system in Area 8.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-71	7.5		Port from centrifuge A from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-72	7.5		Bottom drain from centrifuge A from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-73	6.0		Port from centrifuge B from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-74	6.5		Port from centrifuge B from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-75	6.5		Port from centrifuge B from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-76	7.5		Port from centrifuge B from TMAH reclaim system in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-77	7.5		Bottom drain from centrifuge B from TMAH reclaim system in Area 8
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-78	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-79	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-80	6.0		TMAH reclaim pipes in Area 8.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-81	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-82	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-83	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-84	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-85	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-86	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-87	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-88	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-89	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-90	6.0		TMAH reclaim pipes in Area 8.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-91	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-92	6.0		TMAH reclaim pipes in Area 8.
6/4/2015	330D	8	B/330-TMAH	8-B/330-TMAH-93	6.0		TMAH reclaim pipes in Area 8.
6/8/2015	330D	8	B/330-TMAH	8-B/330-TMAH-94	6.0		TMAH reclaim pipes in Area 8.
6/8/2015	330D	8	B/330-TMAH	8-B/330-TMAH-95	6.0		TMAH reclaim pipes in Area 8.
6/8/2015	330D	8	B/330-TMAH	8-B/330-TMAH-96	6.0		TMAH reclaim pipes in Area 8.
6/8/2015	330D	8	B/330-TMAH	8-B/330-TMAH-97	6.0		TMAH reclaim pipes in Area 8.
6/8/2015	330D	8	B/330-TMAH	8-B/330-TMAH-98	6.0		TMAH reclaim pipes in Area 8.
6/9/2015	330D	8	3512	3512-1	6.0		Inside bottom of TMAH Reclaim Tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-2	6.0		Inside bottom of TMAH Reclaim Tank in Area 8 (SWMU id# 3512)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/9/2015	330D	8	3512	3512-3	6.0		Inside bottom of TMAH Reclaim Tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-4	6.0		Inside bottom of TMAH Reclaim Tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-5	6.0		Inside sidewall of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-6	6.0		Inside sidewall of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-7	6.0		Inside sidewall of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-8	6.0		Inside sidewall of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-9	6.0		Inside sidewall of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-10	6.0		Inside top of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-11	6.0		Inside top of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-12	6.0		Inside top of TMAH Reclaim tank in Area 8 (SWMU id# 3512)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 9B
Building 330D Area 8
SWMU Component Verification Data
Waste TMAH Transfer System, Tank 3512, and Fluoride Lift Station
MLC Packaging EOL ARO Project

7/10/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/9/2015	330D	8	3512	3512-13	6.0		Inside top of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-14	6.0		Inside ports coming out of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-15	6.0		Inside ports coming out of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-16	6.0		Inside ports coming out of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
6/9/2015	330D	8	3512	3512-17	6.0		Inside ports coming out of TMAH Reclaim tank in Area 8 (SWMU id# 3512)
7/10/2015	330D	8	B/330D LS FL	8- B/330D LS FL-1	6.5		Inside tank of Fluoride/Heavy Metal lift Station in Area 8
7/10/2015	330D	8	B/330D LS FL	8- B/330D LS FL-2	6.5		Inside sink with staining of Fluoride/Heavy Metal lift Station in Area 8

Total Number of Samples 117 Maximum pH 7.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 10
Building 330C Area 14.1 and 14.2
SWMU Component Verification Data
Carbon Wastewater Lift Stations to SWMU 287
MLC Packaging EOL ARO Project

7/17/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
5/26/2015	330C	14.1	287	14-287-1	7.0		Pfeiffer A furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel. Part of Hex # 14.1.1 Area 14.2 (Column ref# Q/36)
5/26/2015	330C	14.1	287	14-287-2	7.0		Pfeiffer 5-4 furnace industrial waste tank/lift station, 100 gal. (approximate) stainless steel. Part of Hex# 14.1.3 (Column ref# S/35)
5/26/2015	330C	14.1	287	14-287-3	6.0		Pfeiffer 5-5 furnace industrial waste tank/lift station, 100 gal. (approximate) stainless steel. Part of Hex# 14.1.4 (Column ref# R/38)
5/26/2015	330C	14.2	287	14-287-4	6.0		Pfeiffer C furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel. Part of Hex# 14.2.2 (Column ref# M/37)
5/29/2015	330C	14.1	287	14-287-5	7.0		Pfeiffer B furnace industrial waste tank/lift station, 60 gal. (approximate) stainless steel. Part of Hex# 14.1.2 (Column ref# R/36)
7/17/2015	330C	14.1	287	14-287-6	7.0		Stainless steel drip tray from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 10
Building 330C Area 14.1 and 14.2
SWMU Component Verification Data
Carbon Wastewater Lift Stations to SWMU 287
MLC Packaging EOL ARO Project

7/17/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/17/2015	330C	14.1	287	14-287-7	7.0		2nd sample collected from stainless steel tank top from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36). First sample failed with pH >9.0. Tank was re-cleaned and re-sampled.
7/17/2015	330C	14.1	287	14-287-8	6.0		2nd sample collected from stainless steel tank interior bottom from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36). First sample failed with pH >9.0. Tank was re-cleaned and re-sampled.
7/17/2015	330C	14.1	287	14-287-9	6.0		Stainless steel tank interior side from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)
7/17/2015	330C	14.1	287	14-287-10	6.0		Stainless steel tank exterior side from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)
7/17/2015	330C	14.1	287	14-287-11	6.0		Stainless steel tank exterior side from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 10
Building 330C Area 14.1 and 14.2
SWMU Component Verification Data
Carbon Wastewater Lift Stations to SWMU 287
MLC Packaging EOL ARO Project

7/17/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/17/2015	330C	14.1	287	14-287-12	6.0		Pump 1 from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)
7/17/2015	330C	14.1	287	14-287-13	6.0		Pump 1 from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)
7/17/2015	330C	14.1	287	14-287-14	6.0		Stainless steel header pipe from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)
7/17/2015	330C	14.1	287	14-287-15	6.0		Stainless steel header pipe from lift station for Area 14.1 and 14.2 Pfeiffer furnace industrial waste tank/lift station, <100 gal. (Column ref# P/36)

Total Number of Samples 15 Maximum pH 7.0 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

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Table 11C
Building 330D Area 29
SWMU Component Verification Data
SWMU Tank
MLC Packaging EOL ARO Project

6/12/2015

Date	Building	Area	SWMU ID #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	330D	29	3933	3933-1	6.5		Inside bottom of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-2	6.5		Inside bottom of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-3	6.0		Inside bottom of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-4	6.5		Inside bottom of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-5	6.5		Inside sidewall of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-6	6.5		Inside sidewall of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-7	6.5		Inside sidewall of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-8	6.5		Inside sidewall of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-9	6.5		Inside sidewall of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-10	6.0		Inside top of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 11C
Building 330D Area 29
SWMU Component Verification Data
SWMU Tank
MLC Packaging EOL ARO Project

6/12/2015

Date	Building	Area	SWMU ID #	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	330D	29	3933	3933-11	6.0		Inside top of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-12	6.0		Inside top of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-13	6.0		Inside top of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-14	6.5		Inside ports coming out of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)
6/29/2015	330D	29	3933	3933-15	6.5		Inside ports coming out of T2200 Centrate UF feed tank, <1% TMAH in Area 29 Development Lab (SWMU id# 3933)

Total Number of Samples 15 Maximum pH 6.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	39	3358	3358-1	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-2	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-3	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-4	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-5	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-6	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-7	7.0		Inside of top of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-8	5.5		Inside drain of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358
6/10/2015	338	15.1	39	3358	3358-9	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	39	3358	3358-10	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-11	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-12	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-13	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-14	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	39	3358	3358-15	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-16	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-17	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-18	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-19	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	39	3358	3358-20	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	39	3358	3358-21	3.0		Inside sidewall of SWMU # 3358 Waste TMAH, Clarifier Effluent Lift Tank T2200, CS3358 with sticky yellow staining exhibited pH 3.0 when wetted. Residue could not be washed off. No further decontamination was performed prior to landfill disposal.
6/10/2015	338	15.1	37	3386	3386-1	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-2	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-3	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-4	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-5	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	37	3386	3386-6	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-7	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-8	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-9	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-10	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-11	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-12	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-13	6.0		Sidewall sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	37	3386	3386-14	6.0		Bottom sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-15	6.0		Bottom sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-16	6.0		Bottom sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-17	6.0		Bottom sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	37	3386	3386-18	6.0		Bottom sample from SWMU # 3386 - 2,000 gal, PVC WAC Regen Waste, Neutralization Tank T4400 SAC, CS3392.
6/10/2015	338	15.1	31	3375	3375-1	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-2	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-3	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	31	3375	3375-4	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-5	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-6	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-7	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-8	7.0		Sidewall sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375
6/10/2015	338	15.1	31	3375	3375-9	7.0		Bottom sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375.
6/10/2015	338	15.1	31	3375	3375-10	7.0		Bottom sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375.
6/10/2015	338	15.1	31	3375	3375-11	7.0		Bottom sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	31	3375	3375-12	7.0		Bottom sample of SWMU # 3375 - 290 gal, HDPE (labeled stainless steel) Industrial Waste, Supernatant Lift Tank T3000, CS3375.
6/10/2015	338	15.1	32	3363	3363-1	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-2	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-3	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-4	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-5	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-6	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-7	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-8	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-9	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-10	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	338	15.1	32	3363	3363-11	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-12	6.0		Inside sidewall sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-13	6.0		Inside bottom sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-14	6.0		Inside bottom sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-15	6.0		Inside bottom sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/10/2015	338	15.1	32	3363	3363-16	6.0		Inside bottom sample of SWMU # 3363 - 290 gal, HDPE IW Contents Filtrate Tank T-3100.
6/11/2015	338	15.1	36	3366	3366-1	6.0		Inside of top of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-2	6.0		Inside of top of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-3	6.0		Inside of top of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-4	6.0		Inside of top of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/11/2015	338	15.1	36	3366	3366-5	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-6	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-7	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-8	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-9	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-10	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-11	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-12	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/11/2015	338	15.1	36	3366	3366-13	6.0		Inside sdewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-14	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-15	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-16	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-17	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-18	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-19	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-20	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/11/2015	338	15.1	36	3366	3366-21	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-22	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-23	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-24	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-25	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-26	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-27	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-28	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/11/2015	338	15.1	36	3366	3366-29	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-30	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-31	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-32	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-33	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-34	6.0		Inside sidewall of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-35	6.0		Inside bottom of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-36	6.0		Inside bottom of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/11/2015	338	15.1	36	3366	3366-37	6.0		Inside bottom of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-38	6.0		Inside bottom of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-39	6.0		Inside bottom of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/11/2015	338	15.1	36	3366	3366-40	6.0		Inside bottom of SWMU # 3366 - 14,000 gal. polyethylene, Waste TMAH, TMACL,HCL Acid, Waste Storage Tank T3200A, CS3366.
6/15/2015	338	15.1	26	3360	3360-1	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-2	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-3	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-4	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	26	3360	3360-5	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-6	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-7	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-8	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-9	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-10	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-11	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-12	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	26	3360	3360-13	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-14	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-15	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-16	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-17	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-18	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-19	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/15/2015	338	15.1	26	3360	3360-20	6.0		Inside sidewall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	28	3362	3362-1	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-2	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-3	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-4	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-5	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-6	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-7	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-8	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	28	3362	3362-9	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-10	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-11	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-12	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-13	7.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-14	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-15	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-16	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	28	3362	3362-17	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-18	6.5		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-19	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-20	6.5		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-21	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-22	7.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-23	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-24	7.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	28	3362	3362-25	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-26	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-27	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-28	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-29	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-30	6.0		Inside sidewall of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-31	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-32	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	28	3362	3362-33	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-34	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-35	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-36	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-37	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/16/2015	338	15.1	28	3362	3362-38	6.0		Inside bottom of SWMU# 3362 - 6,000 gal. HDPE MTL Waste & Membralox T-2800, CS3362.
6/18/2015	338	15.1	30	3357	3357-1	5.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-2	5.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	30	3357	3357-3	5.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-4	5.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-5	5.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-6	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-7	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-8	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-9	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-10	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	30	3357	3357-11	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-12	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-13	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-14	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-15	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-16	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-17	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-18	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	30	3357	3357-19	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-20	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-21	6.0		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-22	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-23	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-24	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-25	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-26	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	30	3357	3357-27	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-28	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-29	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-30	6.5		Inside sidewall of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-31	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-32	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-33	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-34	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	30	3357	3357-35	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-36	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-37	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	30	3357	3357-38	5.5		Inside bottom of SWMU# 3357 - 39,000 gal. stainless Waste TMAH, Clarifier Tank T2100, Flocculating Clarifier T-2100.
6/18/2015	338	15.1	25	3514	3514-1	5.5		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-2	5.5		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-3	5.5		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-4	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	25	3514	3514-5	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-6	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-7	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-8	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/18/2015	338	15.1	25	3514	3514-9	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	10	3354	3354-1	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-2	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-3	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	10	3354	3354-4	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-5	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-6	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-7	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-8	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-9	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-10	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-11	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	10	3354	3354-12	5.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-13	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-14	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-15	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-16	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-17	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-18	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-19	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	10	3354	3354-20	6.0		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-21	6.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-22	6.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-23	6.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-24	6.5		Inside sidewall of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-25	6.0		Inside bottom of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-26	6.0		Inside bottom of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-27	6.0		Inside bottom of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	10	3354	3354-28	6.0		Inside bottom of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-29	6.0		Inside bottom of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	10	3354	3354-30	6.0		Inside bottom of SWMU# 3354 - 5,575 gal. stainless, Waste TMAH, Ultra filter Concentrate Tank T1300.
6/22/2015	338	15.1	11	3355	3355-1	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-2	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-3	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-4	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-5	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	11	3355	3355-6	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-7	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-8	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-9	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-10	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-11	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-12	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-13	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	11	3355	3355-14	5.5		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-15	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-16	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-17	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-18	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-19	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-20	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-21	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	11	3355	3355-22	6.0		Inside sidewall of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-23	6.0		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-24	6.0		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-25	6.0		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-26	6.0		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-27	6.0		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-28	6.5		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	11	3355	3355-29	6.5		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	11	3355	3355-30	6.5		Inside bottom of SWMU# 3355 - 4,500 gal. HDPE, Waste TMAH, Ultra filter Blowdown Tank T1400, Membralox Concentrate Holding Tank T1400, CS3355.
6/22/2015	338	15.1	26	3360	3360-21	6.0		Inside side wall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/22/2015	338	15.1	26	3360	3360-22	6.0		Inside side wall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/22/2015	338	15.1	26	3360	3360-23	6.5		Inside side wall of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/22/2015	338	15.1	26	3360	3360-24	6.0		Inside bottom of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/22/2015	338	15.1	26	3360	3360-25	6.5		Inside bottom of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/22/2015	338	15.1	26	3360	3360-26	6.5		Inside bottom of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.
6/22/2015	338	15.1	26	3360	3360-27	6.5		Inside bottom of SWMU# 3360 - 6,000 gal. HDPE Sludge Holding Tank R2500, Regen/Clarifier Sludge Tank T2500, CS 3360.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	25	3514	3514-10	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-11	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-12	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-13	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-14	6.0		Inside sidewall of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-15	6.5		Inside bottom of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-16	6.5		Inside bottom of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-17	6.5		Inside bottom of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	25	3514	3514-18	6.5		Inside bottom of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-19	6.5		Inside bottom of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	25	3514	3514-20	6.5		Inside bottom of SWMU# 3514 - WBA Regen Reactor (TMAH Wastewater sludge) R-2400.
6/22/2015	338	15.1	27	3361	3361-1	6.5		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-2	6.5		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-3	6.5		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-4	6.5		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-5	6.5		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	27	3361	3361-6	6.5		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-7	6.0		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-8	6.0		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/22/2015	338	15.1	27	3361	3361-9	6.0		Inside bottom of SWMU# 3361 - 6,500 gal, stainless, Waste TMAH, Reactor Unit R2700, UF/Cent Batch Reactor R2700
6/23/2015	338	15.1	6	3353	3353-1	5.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-2	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-3	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-4	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/23/2015	338	15.1	6	3353	3353-5	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-6	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-7	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-8	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-9	6.0		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-10	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-11	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-12	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/23/2015	338	15.1	6	3353	3353-13	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-14	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-15	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
6/23/2015	338	15.1	6	3353	3353-16	6.5		Inside sidewall of SWMU# 3353 - 57,500 gal. stainless, Waste TMAH, Main Storage Tank T1000A, Main Surge Tank T1000.
7/9/2015	338	15.1	29	3356	3356-1	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-2	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-3	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-4	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	29	3356	3356-5	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-6	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-7	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-8	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/9/2015	338	15.1	29	3356	3356-9	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-1	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-2	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-3	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.1	16	3365	3365-4	5.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-5	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-6	6.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-7	7.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	16	3365	3365-8	7.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-10	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-11	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-12	6.0		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12
Building 338 Area 15.1
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	338	15.1	29	3356	3356-13	6.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-14	6.5		Inside sidewall of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-15	6.5		Bottom of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-16	6.5		Bottom of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356
7/13/2015	338	15.1	29	3356	3356-17	6.5		Bottom of SWMU# 3356 - 1500 gal. HDPE, Waste TMAH, pH Adjustment Module, R1700, CS3356

Total Number of Samples 340 Maximum pH 7.0 Minimum pH 3.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-3	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-4	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-5	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-6	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-7	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-8	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-9	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-10	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-11	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-12	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-13	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-14	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-15	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-16	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-17	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-18	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-19	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-20	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-21	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-22	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-23	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-24	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-25	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-26	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-27	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-28	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-29	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-30	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-31	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-32	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-33	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-34	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-35	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-36	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-37	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-38	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-39	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-40	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-41	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-42	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-43	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-44	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-45	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-46	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-47	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-48	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-49	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-50	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-51	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-52	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-53	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-54	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-55	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-56	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-57	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-58	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-59	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-60	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-61	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-62	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-63	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-64	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-65	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-66	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-67	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-68	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-69	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-70	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-71	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-72	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-73	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-74	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-75	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-76	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-77	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-78	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-79	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-80	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-81	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-82	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-83	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-84	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-85	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-86	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-87	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-88	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-89	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-90	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-91	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-92	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-93	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-94	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-95	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-96	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-97	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-98	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-99	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-100	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-101	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-102	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-103	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-104	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-105	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-106	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-107	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-108	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-109	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-110	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-111	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-112	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-113	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-114	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-115	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-116	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-117	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-118	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-119	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-120	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-121	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-122	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-123	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-124	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-125	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-126	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-127	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-128	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-129	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-130	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-131	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-132	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-133	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-134	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-135	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-136	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-137	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-138	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-139	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-140	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-141	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-142	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-143	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-144	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-145	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-146	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-147	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-148	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-149	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-150	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-151	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-152	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-153	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-154	5.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-155	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-156	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-157	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-158	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-159	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-160	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-161	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-162	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-163	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-164	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-165	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-166	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-167	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-168	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-169	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-170	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-171	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-172	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-173	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-174	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-175	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-176	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-177	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-178	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-179	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-180	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-181	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-182	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-183	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-184	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-185	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-186	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-187	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-188	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-189	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-190	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-191	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-192	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-193	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-194	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-195	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-196	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-197	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-198	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-199	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-200	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-201	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-202	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-203	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-204	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-205	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-206	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-207	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-208	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-209	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-210	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-211	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-212	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-213	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-214	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-215	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-216	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-217	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-218	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-219	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-220	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-221	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-222	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-223	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-224	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-225	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-226	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-227	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-228	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-229	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-230	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-231	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-232	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-233	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-234	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-235	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-236	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-237	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-238	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-239	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-240	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-241	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-242	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-243	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-244	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-245	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-246	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-247	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-248	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-249	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-250	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-251	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-252	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-253	6.0		2nd sample collected from PVC sulfuric acid pipe from Area 15.1 . First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-254	6.0		2nd sample collected from PVC sulfuric acid pipe from Area 15.1 . First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-255	6.0		2nd sample collected from PVC sulfuric acid pipe from Area 15.1 . First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-256	6.0		2nd sample collected from PVC sulfuric acid pipe from Area 15.1 . First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-257	6.0		2nd sample collected from PVC sulfuric acid pipe from Area 15.1 . First sample failed at pH 2.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/18/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-258	5.5		Stainless steel chemical transfer pipe from Area 15.1.
6/18/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-259	6.0		Stainless steel chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/18/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-260	6.0		Stainless steel chemical transfer pipe from Area 15.1.
6/18/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-261	6.0		Stainless steel chemical transfer pipe from Area 15.1.
6/18/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-262	6.0		Stainless steel chemical transfer pipe from Area 15.1.
6/18/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-263	6.0		Stainless steel chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-264	5.5		2nd sample collected from PVC transfer piping with white residue in it from Area 15.1. First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-265	5.5		2nd sample collected from PVC transfer piping with white residue in it from Area 15.1. First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-266	5.5		2nd sample collected from PVC transfer piping with white residue in it from Area 15.1. First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-267	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-268	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-269	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-270	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-271	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-272	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-273	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-274	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-275	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-276	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-277	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-278	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-279	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-280	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-281	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-282	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-283	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-284	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-285	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-286	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-287	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-288	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-289	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-290	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-291	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-292	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-293	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-294	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-295	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-296	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-297	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-298	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-299	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-300	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-301	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-302	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-303	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-304	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-305	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-306	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-307	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-308	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-309	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-310	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-311	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-312	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-313	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-314	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-315	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-316	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-317	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-318	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-319	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-320	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-321	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-322	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-323	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-324	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-325	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-326	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-327	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-328	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-329	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-330	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-331	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-332	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-333	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-334	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-335	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-336	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-337	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-338	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-339	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-340	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-341	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-342	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-343	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-344	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-345	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-346	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-347	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-348	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-349	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-350	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-351	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-352	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-353	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-354	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-355	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-356	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-357	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-358	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-359	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-360	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-361	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-362	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-363	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-364	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-365	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-366	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-367	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-368	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-369	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-370	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-371	6.0		Stainless steel press exhaust pipe from Area 15.1
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-372	6.0		Stainless steel press exhaust pipe from Area 15.1
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-373	6.0		Stainless steel press exhaust pipe from Area 15.1
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-374	6.0		Stainless steel press exhaust pipe from Area 15.1

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/22/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-375	5.5		Stainless steel press exhaust pipe from Area 15.1
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-376	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-377	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-378	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-379	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-380	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-381	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-382	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-383	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-384	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-385	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-386	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-387	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-388	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-389	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-390	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-391	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-392	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-393	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-394	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-395	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-396	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-397	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-398	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/23/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-399	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-400	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-401	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-402	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-403	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-404	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-405	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-406	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-407	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-408	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-409	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-410	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-411	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-412	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-413	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-414	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-415	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-416	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-417	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-418	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-419	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-420	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-421	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-422	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-423	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-424	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-425	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-426	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-427	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-428	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-429	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-430	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-431	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-432	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-433	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-434	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-435	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-436	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-437	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-438	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-439	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-440	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-441	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-442	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-443	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-444	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-445	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-446	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-447	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-448	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-449	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-450	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-451	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-452	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-453	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-454	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-455	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-456	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-457	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-458	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-459	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-460	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/24/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-461	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-462	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-463	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-464	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-465	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-466	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-467	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-468	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-469	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-470	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-471	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-472	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-473	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-474	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-475	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-476	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-477	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-478	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-479	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-480	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-481	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-482	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-483	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-484	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-485	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-486	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-487	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-488	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-489	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-490	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-491	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-492	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-493	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-494	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-495	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-496	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-497	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-498	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-499	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-500	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-501	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-502	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-503	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-504	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-505	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-506	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-507	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-508	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-509	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-510	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-511	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-512	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-513	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-514	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-515	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-516	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-517	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-518	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-519	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-520	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-521	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-522	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-523	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-524	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-525	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-526	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-527	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-528	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-529	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-530	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-531	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-532	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-533	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-534	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-535	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-536	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-537	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-538	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-539	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-540	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-541	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-542	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-543	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-544	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-545	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-546	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-547	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-548	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-549	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-550	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-551	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-552	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-553	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-554	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-555	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-556	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-557	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-558	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-559	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-560	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-561	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-562	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-563	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-564	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-565	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-566	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-567	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-568	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-569	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-570	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-571	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/25/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-572	7.0		2nd sample collected from PVC transfer piping from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-573	6.5		Stainless steel duct from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-574	6.5		Stainless steel duct from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-575	6.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-576	6.5		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-577	6.5		First end of stainless steel pipe with valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-578	7.0		2nd sample collected from second end of stainless steel pipe with valve from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-579	7.0		Stainless steel flange end of pipe in Area 15.1

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-580	7.0		2nd sample collected from elbow end of stainless steel pipe from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-581	6.5		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-582	6.5		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-583	7.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-584	6.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-585	6.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-586	6.5		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-587	6.5		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-588	6.5		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-589	6.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-590	6.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-591	7.0		PVC transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-592	7.0		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-593	6.5		Stainless steel transfer pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-594	6.5		2nd sample collected from stainless steel valve from Area 15.1. First sample failed at pH >9.0. Valve was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-595	6.5		Stainless steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-596	6.0		Stainless steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-597	7.0		PVC pipe from south pile in Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-598	7.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-599	7.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-600	7.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-601	7.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-602	7.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-603	6.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-604	6.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-605	6.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-606	6.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-607	6.5		PVC pipe from south pile in Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-608	6.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-609	6.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-610	7.0		2nd sample collected from PVC centrate pipe from south pile in Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-611	6.0		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-612	5.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-613	5.5		PVC pipe from south pile in Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-614	5.5		2nd sample collected from PVC 1 1/4" process piping in double containment pipe form Area 15.1. First sample failed at pH of 1.5. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-615	7.0		2nd sample collected from PVC 1 1/4" process piping in double containment pipe form Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-616	7.0		2nd sample collected from PVC 1 1/4" process piping in double containment pipe form Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-617	7.0		2nd sample collected from NAOH process piping in double containment pipe form Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-618	6.5		Stainless steel vent pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-619	6.5		Stainless steel vent pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-620	6.0		Stainless steel vent pipe from Area 15.1.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-621	7.0		2nd sample collected from Stainless steel pump on centrifuge platform in Area 15.1. First sample failed at pH >9.0. Pump was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-622	7.0		2nd sample collected from Stainless steel pump on centrifuge platform in Area 15.1. First sample failed at pH >9.0. Pump was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-623	6.0		Stainless steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-624	7.0		2nd sample collected from U shaped stainless steel pipe from Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-625	5.5		Steel filter outlet from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-626	6.5		PVC valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-627	7.0		8" Stainless Steel exhaust duct valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-628	5.5		Steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-629	6.5		Steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-630	7.0		2nd sample collected from Stainless steel vent pipe in Area 15.1. First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-631	7.0		2nd sample collected from Stainless steel Supernatant pipe and valve in Area 15.1. First sample failed at pH >9.0. Pipe and valve were re-flushed by Stryker before it was re-sampled.
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-632	6.0		Stainless steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-633	6.0		Stainless steel valve from Area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-634	6.5		Stainless steel supply pump inlet (Blue) from area 15.1
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-635	6.5		Stainless steel supply pump inlet (Blue) from area 15.2
6/26/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-636	6.0		Sludge pump (Blue) from Area 15.1
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-637	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-638	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-639	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-640	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-641	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-642	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-643	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-644	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-645	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-646	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-647	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-648	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-649	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-650	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-651	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-652	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-653	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-654	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-655	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-656	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-657	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-658	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-659	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-660	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-661	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-662	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-663	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-664	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-665	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-666	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-667	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-668	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-669	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-670	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-671	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-672	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-673	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-674	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-675	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-676	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-677	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-678	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-679	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-680	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-681	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-682	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-683	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-684	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-685	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-686	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-687	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-688	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-689	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-690	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-691	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-692	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-693	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-694	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-695	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-696	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-697	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-698	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-699	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-700	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-701	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-702	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-703	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-704	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-705	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-706	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-707	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-708	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-709	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-710	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-711	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-712	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-713	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-714	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-715	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-716	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-717	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-718	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-719	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-720	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-721	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-722	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-723	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-724	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-725	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-726	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-727	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-728	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-729	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-730	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-731	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-732	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-733	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-734	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-735	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-736	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-737	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-738	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-739	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-740	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-741	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-742	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-743	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-744	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-745	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-746	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-747	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-748	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-749	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-750	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-751	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-752	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-753	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-754	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-755	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-756	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-757	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-758	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-759	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-760	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-761	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-762	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-763	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-764	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-765	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-766	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-767	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-768	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-769	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-770	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-771	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-772	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-773	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-774	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-775	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-776	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-777	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-778	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-779	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-780	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-781	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-782	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-783	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-784	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-785	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-786	6.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-787	6.0		stainless steel pipe from Area 15.1 Ultra filter system.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-788	6.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-789	6.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-790	6.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-791	7.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-792	7.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-793	7.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/29/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-794	7.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-795	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-796	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-797	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-798	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-799	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH 3.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-800	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-801	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-802	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-803	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-804	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-805	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-806	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-807	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-808	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-809	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-810	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-811	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-812	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-813	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-814	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-815	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-816	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-817	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-818	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-819	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-820	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-821	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-822	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-823	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-824	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-825	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-826	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-827	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-828	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-829	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-830	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-831	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-832	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-833	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-834	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-835	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-836	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-837	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-838	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-839	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-840	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-841	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-842	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-843	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-844	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-845	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-846	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-847	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-848	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-849	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-850	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-851	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-852	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-853	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-854	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-855	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-856	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-857	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-858	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-859	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-860	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-861	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-862	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-863	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-864	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-865	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-866	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-867	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-868	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-869	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-870	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-871	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-872	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-873	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-874	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-875	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-876	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-877	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-878	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-879	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-880	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-881	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-882	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-883	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-884	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-885	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-886	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-887	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-888	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-889	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-890	5.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-891	5.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-892	5.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-893	5.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-894	5.5		stainless steel pipe from Area 15.1 Ultra filter system.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-895	6.0		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-896	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
6/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-897	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-898	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-899	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-900	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-901	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-902	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-903	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-904	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-905	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-906	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-907	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-908	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-909	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-910	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-911	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-912	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-913	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-914	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-915	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-916	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-917	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-918	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-919	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-920	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-921	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-922	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-923	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-924	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-925	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-926	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-927	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-928	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-929	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-930	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-931	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-932	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-933	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-934	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-935	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-936	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-937	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-938	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-939	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-940	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-941	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-942	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-943	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-944	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-945	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-946	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-947	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-948	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-949	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-950	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-951	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-952	5.5		Discharge port from J-press - stainless steel filter press from Area 15,1 mezzanine level
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-953	5.5		Intake port from J-press - stainless steel filter press from Area 15,1 mezzanine level
7/1/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-954	5.5		Filter from J-press - stainless steel filter press from Area 15,1 mezzanine level
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-955	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-956	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-957	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-958	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-959	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-960	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-961	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-962	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-963	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-964	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-965	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-966	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-967	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-968	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-969	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-970	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-971	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-972	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-973	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-974	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-975	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-976	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-977	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-978	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-979	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-980	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-981	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-982	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-983	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-984	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-985	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-986	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-987	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-988	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-989	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-990	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-991	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-992	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-993	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-994	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-995	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-996	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-997	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-998	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-999	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1000	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1001	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1002	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1003	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1004	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1005	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1006	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1007	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1008	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1009	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1010	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1011	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1012	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1013	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1014	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1015	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1016	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1017	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1018	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1019	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1020	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1021	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1022	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1023	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1024	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1025	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1026	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1027	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1028	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1029	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1030	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1031	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1032	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1033	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1034	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1035	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1036	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1037	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1038	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1039	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1040	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1041	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1042	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1043	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1044	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1045	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1046	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1047	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1048	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1049	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1050	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1051	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1052	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1053	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1054	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1055	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1056	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1057	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1058	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1059	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1060	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1061	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1062	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1063	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1064	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1065	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1066	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1067	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1068	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1069	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1070	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1071	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1072	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1073	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1074	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1075	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1076	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1077	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1078	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1079	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1080	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1081	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1082	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1083	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1084	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1085	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1086	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1087	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1088	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1089	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1090	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1091	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1092	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1093	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1094	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1095	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1096	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1097	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1098	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1099	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1100	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1101	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1102	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1103	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1104	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1105	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1106	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1107	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1108	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1109	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1110	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1111	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1112	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1113	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1114	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1115	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1116	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1117	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1118	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1119	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1120	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1121	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1122	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1123	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1124	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1125	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1126	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1127	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1128	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1129	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1130	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1131	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1132	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1133	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1134	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1135	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1136	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1137	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1138	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1139	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1140	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1141	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1142	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1143	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1144	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1145	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1146	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1147	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1148	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1149	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1150	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1151	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1152	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1153	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1154	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1155	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1156	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1157	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1158	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1159	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1160	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1161	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1162	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1163	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1164	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1165	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1166	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1167	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1168	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1169	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1170	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1171	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1172	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1173	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1174	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1175	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1176	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1177	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1178	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1179	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1180	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1181	6.5		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1182	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1183	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1184	7.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1185	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1186	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1187	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1188	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1189	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1190	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1191	6.5		stainless steel pipe from Area 15.1 Ultra filter system.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1192	6.5		stainless steel pipe from Area 15.1 Ultra filter system.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1193	7.5		2nd sample collected from stainless steel pipe from Area 15.1Ultra filter system . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1194	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1195	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1196	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1197	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1198	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1199	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1200	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1201	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1202	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1203	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1204	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1205	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1.
7/2/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1206	5.5		Stainless steel 25% TMAH transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1207	6.0		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1208	6.0		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1209	6.0		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1210	6.5		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1211	6.5		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1212	6.5		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1213	6.5		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1214	6.5		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1215	7.0		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1216	7.0		Stainless steel transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1217	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1218	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1219	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1220	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1221	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1222	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1223	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1224	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1225	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1226	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1227	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1228	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1229	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1230	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1231	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1232	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1233	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1234	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1235	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1236	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1237	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1238	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1239	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1240	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1241	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1242	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1243	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1244	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1245	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1246	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1247	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1248	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1249	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1250	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1251	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1252	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1253	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1254	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1255	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1256	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1257	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1258	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1259	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1260	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1261	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1262	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1263	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1264	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/6/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1265	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/7/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1266	5.5		Intake from stainless steel pump UF filters in Area 15.1
7/7/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1267	5.5		Discharge from stainless steel pump UF filters in Area 15.2
7/7/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1268	6.0		Intake from stainless steel pump UF filters in Area 15.1
7/7/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1269	6.0		Discharge from stainless steel pump UF filters in Area 15.2
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1270	6.0		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1271	6.0		25% TMAH stainless steel pipe.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1272	6.0		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1273	6.0		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1274	6.0		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1275	6.0		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1276	6.5		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1277	6.5		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1278	6.5		25% TMAH stainless steel pipe.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1279	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1280	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1281	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1282	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1283	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1284	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1285	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1286	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1287	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1288	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1289	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1290	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1291	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1292	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1293	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1294	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1295	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1296	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1297	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1298	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1299	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1300	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1301	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1302	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1303	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1304	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1305	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1306	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1307	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1308	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1309	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1310	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1311	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1312	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1313	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1314	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1315	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1316	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1317	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1318	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1319	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1320	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1321	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1322	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1323	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1324	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1325	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1326	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1327	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1328	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1329	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1330	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1331	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1332	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1333	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1334	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1335	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1336	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1337	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1338	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1339	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1340	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1341	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1342	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1343	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1344	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1345	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1346	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1347	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1348	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1349	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1350	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1351	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1352	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1353	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1354	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1355	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1356	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1357	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1358	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1359	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1360	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1361	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1362	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1363	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1364	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1365	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1366	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1367	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1368	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1369	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1370	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1371	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1372	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1373	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1374	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1375	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1376	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1377	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1378	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1379	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1380	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1381	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1382	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1383	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1384	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1385	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1386	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1387	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1388	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1389	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1390	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1391	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1392	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1393	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1394	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1395	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1396	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1397	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1398	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1399	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1400	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1401	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1402	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1403	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1404	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1405	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1406	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1407	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1408	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1409	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1410	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1411	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1412	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1413	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1414	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1415	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1416	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1417	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1418	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1419	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1420	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1421	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1422	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1423	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1424	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1425	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1426	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1427	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1428	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1429	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1430	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1431	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1432	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1433	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1434	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1435	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1436	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1437	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1438	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1439	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1440	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1441	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1442	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1443	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1444	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1445	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1446	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1447	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1448	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1449	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1450	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1451	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1452	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1453	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1454	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1455	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1456	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1457	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1458	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1459	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1460	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1461	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1462	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1463	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1464	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1465	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1466	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1467	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1468	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1469	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1470	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1471	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1472	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1473	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1474	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1475	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1476	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1477	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1478	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1479	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1480	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1481	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1482	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1483	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1484	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1485	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1486	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1487	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1488	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1489	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1490	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1491	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1492	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1493	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1494	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1495	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1496	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1497	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1498	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1499	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1500	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1501	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1502	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1503	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1504	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1505	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1506	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1507	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1508	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1509	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1510	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1511	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1512	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1513	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1514	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1515	5.5		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1516	5.5		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1517	5.5		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1518	5.5		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1519	5.5		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1520	6.0		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1521	6.0		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1522	6.0		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1523	6.0		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1524	6.0		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1525	6.0		Stainless steel transfer pipe from Area 15.1.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1526	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1527	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1528	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1529	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1530	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1531	7.0		Stainless steel pump from ultrafilter unit.
7/8/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1532	7.0		Stainless steel pump from ultrafilter unit.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1533	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1534	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1535	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1536	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1537	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1538	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1539	6.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1540	6.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1541	6.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1542	6.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1543	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1544	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1545	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1546	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1547	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1548	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1549	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1550	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1551	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1552	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1553	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1554	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1555	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1556	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1557	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1558	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1559	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1560	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1561	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1562	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1563	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1564	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1565	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1566	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1567	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1568	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1569	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1570	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1571	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1572	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1573	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1574	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1575	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1576	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1577	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1578	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1579	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1580	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1581	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1582	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1583	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1584	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1585	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1586	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1587	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1588	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1589	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1590	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1591	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1592	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1593	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1594	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1595	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1596	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1597	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1598	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1599	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1600	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1601	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1602	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1603	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1604	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1605	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1606	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1607	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1608	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1609	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1610	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1611	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1612	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1613	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1614	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1615	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1616	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1617	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1618	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1619	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1620	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1621	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1622	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1623	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1624	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1625	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1626	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1627	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1628	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1629	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1630	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1631	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/9/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1632	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1633	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1634	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1635	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1636	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1637	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1638	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1639	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1640	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1641	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1642	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1643	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1644	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1645	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1646	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1647	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1648	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1649	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1650	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1651	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1652	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1653	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1654	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1655	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1656	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1657	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1658	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1659	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1660	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1661	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/10/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1662	7.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1663	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1664	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1665	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1666	5.5		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1667	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1668	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1669	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1670	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1671	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1672	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1673	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1674	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1675	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1676	5.5		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1677	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1678	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1679	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1680	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1681	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1682	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1683	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1684	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1685	5.5		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1686	6.0		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1687	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1688	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1689	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1690	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1691	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1692	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1693	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1694	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1695	6.0		Stainless steel transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1696	6.0		2nd sample collected from SS TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1697	6.0		2nd sample collected from SS TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1698	6.0		2nd sample collected from SS TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1699	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1700	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1701	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1702	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1703	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1704	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1705	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1706	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1707	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1708	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1709	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1710	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1711	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1712	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/14/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1713	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1714	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1715	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1716	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1717	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1718	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1719	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1720	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1721	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1722	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1723	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1724	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1725	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1726	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1727	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1728	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1729	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1730	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1731	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1732	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1733	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1734	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1735	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1736	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1737	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1738	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1739	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1740	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1741	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1742	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1743	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1744	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1745	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1746	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1747	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1748	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1749	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1750	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1751	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1752	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1753	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1754	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1755	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1756	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1757	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1758	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1759	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1760	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1761	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1762	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1763	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1764	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1765	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1766	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1767	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1768	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1769	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1770	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1771	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1772	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1773	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1774	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1775	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1776	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1777	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1778	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1779	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1780	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1781	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1782	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1783	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1784	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1785	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1786	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1787	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1788	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1789	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1790	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1791	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1792	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1793	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1794	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1795	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1796	5.5		Stainless steel transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1797	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1798	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1799	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1800	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1801	5.5		Stainless steel transfer pipe from Area 15.1.
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1802	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1803	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1804	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1805	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1806	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1807	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1808	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1809	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1810	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1811	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1812	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1813	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1814	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/15/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1815	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1816	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1817	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1818	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1819	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1820	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1821	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1822	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1823	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1824	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1825	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1826	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1827	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1828	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1829	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1830	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1831	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1832	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1833	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1834	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1835	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1836	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1837	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1838	5.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1839	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1840	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1841	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1842	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1843	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1844	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1845	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1846	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1847	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1848	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1849	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1850	6.0		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1851	6.5		Stainless steel vent pipe from Area 15.1 (18" and 24").
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1852	5.5		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1853	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1854	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1855	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1856	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1857	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1858	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1859	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1860	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1861	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1862	6.0		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1863	6.5		Steel transfer pipe from Area 15.1. Pumped Effluent.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1864	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1865	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1866	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1867	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1868	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1869	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1870	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1871	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1872	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1873	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1874	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1875	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1876	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1877	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1878	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1879	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1880	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1881	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1882	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1883	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1884	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1885	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1886	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1887	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1888	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1889	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1890	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1891	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1892	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1893	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1894	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1895	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1896	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1897	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1898	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1899	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1900	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1901	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1902	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1903	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1904	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1905	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1906	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1907	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1908	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1909	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1910	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1911	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1912	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1913	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1914	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1915	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1916	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1917	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1918	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1919	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1920	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1921	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1922	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1923	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1924	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1925	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1926	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1927	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1928	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1929	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1930	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1931	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1932	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1933	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1934	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1935	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1936	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1937	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1938	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1939	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1940	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1941	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1942	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1943	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1944	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1945	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1946	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1947	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1948	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1949	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1950	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1951	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1952	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1953	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1954	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1955	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1956	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1957	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1958	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1959	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1960	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1961	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1962	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1963	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1964	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1965	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1966	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1967	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1968	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1969	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1970	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1971	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1972	7.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1973	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =3.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1974	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =3.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1975	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =3.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1976	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1977	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1978	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH =4.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1979	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1980	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1981	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.
7/16/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1982	6.0		2nd sample collected from PVC TMAH/chemical transfer pipe from Area 15.1 . First sample failed at pH >9.0. Pipe was re-flushed by Stryker before it was re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1983	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1984	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1985	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1986	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1987	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1988	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1989	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1990	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1991	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1992	5.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1993	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1994	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1995	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1996	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1997	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1998	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-1999	6.5		PVC TMAH/chemical transfer pipe from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2000	5.5		Stainless steel exhaust piping from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2001	5.5		Stainless steel exhaust piping from Area 15.1.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 12C
Building 338 Area 15.1
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2002	5.5		Stainless steel exhaust piping from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2003	5.5		Stainless steel exhaust piping from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2004	5.5		Stainless steel exhaust piping from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2005	5.5		Stainless steel exhaust piping from Area 15.1.
7/17/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2006	6.0		Stainless steel exhaust piping from Area 15.1.
7/20/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2007	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/20/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2008	6.0		PVC TMAH/chemical transfer pipe from Area 15.1.
7/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2009	7.0		Inside sink with staining of industrial waste lift Station in Area 15.1.
7/30/2015	338	15.1	B/338-TMAH	15.1-B/338-TMAH-2010	7.0		Inside tank of industrial waste lift Station in Area 15.1.

Total Number of Samples 2010 Maximum pH 7.5 Minimum pH 5.5

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/10/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-1	6.0		TMAH reclaim line above ceiling in Area 7
6/10/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-2	6.0		TMAH reclaim line above ceiling in Area 7
6/10/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-3	6.0		TMAH reclaim line above ceiling in Area 7
6/10/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-4	6.0		TMAH reclaim line above ceiling in Area 7
6/10/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-5	6.0		TMAH reclaim line above ceiling in Area 7
6/10/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-6	6.0		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-7	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-8	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-9	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-10	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-11	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-12	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-13	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-14	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-15	6.5		TMAH reclaim line above ceiling in Area 7
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-16	7.5		TMAH reclaim line above ceiling in Area 7 with capped dead leg

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/11/2015	330D	7	B/330-TMAH	330D-B/330-TMAH-17	6.5		TMAH reclaim line above ceiling in Area 7 with capped dead leg
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-18	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-19	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-20	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-21	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-22	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-23	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-24	6.0		TMAH reclaim line above ceiling in building 330D hallway.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-25	6.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-26	6.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-27	6.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-28	6.5		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-29	6.5		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-30	6.5		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-31	6.5		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-32	6.5		TMAH reclaim line above ceiling in Area 30.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-33	7.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-34	7.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-35	7.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-36	7.0		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-37	7.5		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-38	7.5		TMAH reclaim line above ceiling in Area 30.
6/16/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-39	7.0		2nd sample collected from TMAH reclaim pipe above the ceiling in Area 30. First sample failed with pH >9.0. Pipe was re-flushed and re-sampled.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-40	6.0		TMAH reclaim line above ceiling in Area 2.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-41	6.0		TMAH reclaim line above ceiling in Area 2.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-42	6.0		TMAH reclaim line above ceiling in Area 2.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-43	6.0		TMAH reclaim line above ceiling in Area 2.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-44	6.0		TMAH reclaim line above ceiling in Area 2.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-45	7.0		TMAH reclaim line above ceiling in Area 2.
6/25/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-46	7.0		TMAH reclaim line above ceiling in Area 2.
6/29/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-47	6.0		TMAH reclaim line above ceiling in Area 2.
6/29/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-48	6.0		TMAH reclaim line above ceiling in Area 2.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
6/29/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-49	6.0		TMAH reclaim line above ceiling in Area 2.
6/29/2015	330D	2	B/330-TMAH	330D-B/330-TMAH-50	6.0		TMAH reclaim line above ceiling in Area 2.
7/6/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-51	6.0		Intake of TMAH reclaim header box from Area 4.
7/6/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-52	6.0		Discharge of TMAH reclaim header box from Area 4.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-53	6.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-54	6.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-55	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-56	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-57	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-58	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-59	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-60	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-61	7.0		TMAH reclaim line above ceiling in Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-62	6.5		Intake of TMAH reclaim header box from Area 30.
7/7/2015	330D	30	B/330-TMAH	330D-B/330-TMAH-63	5.5		Discharge of TMAH reclaim header box from Area 30.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-64	6.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-65	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-66	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-67	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-68	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-69	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-70	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-71	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-72	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-73	7.0		PVC TMAH reclaim pipe above the ceiling in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-74	7.0		Stainless steel TMAH reclaim box in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-75	7.0		Stainless steel TMAH reclaim valve stem in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-76	7.0		PVC TMAH reclaim valve stem in Area 4.
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-77	6.5		PVC TMAH reclaim above ceiling in Area 4 (Proceco room).
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-78	6.0		Stainless steel TMAH reclaim valve box in Area 4 (Proceco room).
7/13/2015	330D	4	B/330-TMAH	330D-B/330-TMAH-79	6.5		Stainless steel TMAH reclaim valve box in Area 4 (Proceco room).
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-80	5.5		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-81	6.0		TMAH reclaim line above ceiling in Area 29.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-82	6.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-83	6.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-84	6.5		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-85	6.5		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-86	6.5		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-87	7.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-88	7.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-89	7.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-90	7.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-91	7.0		TMAH reclaim line above ceiling in Area 29.
7/16/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-92	7.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-93	6.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-94	6.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-95	6.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-96	6.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-97	6.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-98	6.5		TMAH reclaim line above ceiling in Area 29.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-99	6.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-100	6.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-101	6.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-102	6.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-103	7.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-104	7.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-105	7.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-106	7.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-107	7.0		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-108	7.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-109	7.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-110	7.5		TMAH reclaim line above ceiling in Area 29.
7/17/2015	330D	29	B/330-TMAH	330D-B/330-TMAH-111	7.5		TMAH reclaim line above ceiling in Area 29.
7/20/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-112	6.0		TMAH reclaim pipe above ceiling in Area 8.
7/20/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-113	6.0		TMAH reclaim pipe above ceiling in Area 8.
7/20/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-114	6.0		TMAH reclaim pipe above ceiling in Area 8.
7/20/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-115	6.0		TMAH reclaim pipe above ceiling in Area 8.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/20/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-116	6.0		TMAH reclaim pipe above ceiling in Area 8.
7/20/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-117	7.0		TMAH reclaim pipe above ceiling in Area 8.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-118	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-119	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-120	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-121	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-122	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-123	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-124	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-125	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/20/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-126	6.5		TMAH reclaim pipe from 2nd floor of 330D above Area 4.
7/21/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-127	6.0		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/21/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-128	6.0		2nd sample collected from TMAH reclaim pipe above the ceiling in 330D hallway outside Area 2. First sample failed with pH >9.0. Pipe was re-flushed and re-sampled.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-129	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-130	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-131	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-132	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-133	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-134	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-135	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-136	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-137	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-138	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-139	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-140	6.5		TMAH reclaim pipe 2nd floor of 330D above Area 4.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-141	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-142	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-143	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-144	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-145	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-146	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-147	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-148	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-149	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-150	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-151	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-152	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-153	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-154	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-155	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-156	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-157	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-158	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-159	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-160	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-161	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-162	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-163	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-164	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-165	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-166	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-167	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-168	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-169	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-170	7.0		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-171	7.0		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-172	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-173	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-174	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-175	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-176	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-177	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-178	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-179	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-180	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-181	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-182	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-183	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-184	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-185	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-186	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-187	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-188	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-189	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-190	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-191	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-192	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-193	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-194	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-195	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-196	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-197	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-198	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-199	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-200	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-201	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-202	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-203	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-204	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-205	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-206	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-207	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-208	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-209	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-210	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-211	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-212	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/21/2015	330D	2nd Floor	B/330-TMAH	330D-B/330-TMAH-213	6.5		TMAH reclaim pipe 2nd floor Hallway of 330D outside of cafeteria.
7/27/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-214	6.5		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/27/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-215	6.0		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/28/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-216	6.0		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/28/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-217	6.0		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/28/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-218	6.0		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/28/2015	330D	Hallway	B/330-TMAH	330D-B/330-TMAH-219	6.0		TMAH reclaim line above ceiling in building 330D hallway outside Area 2.
7/29/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-220	7.0		TMAH reclaim line above ceiling in Area 8.
7/29/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-221	7.0		TMAH reclaim line above ceiling in Area 8.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 13B
Building 330D SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/29/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-222	7.0		TMAH reclaim line above ceiling in Area 8.
7/29/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-223	7.0		TMAH reclaim line above ceiling in Area 8.
7/29/2015	330D	8	B/330-TMAH	330D-B/330-TMAH-224	7.0		TMAH reclaim line above ceiling in Area 8.

Total Number of Samples 224 Maximum pH 7.5 Minimum pH 5.5

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-1	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-2	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-3	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-4	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-5	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-6	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-7	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-8	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-9	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-10	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-11	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-12	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-13	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-14	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-15	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-16	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-17	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-18	6.0		PVC TMAH reclaim pipe from 330C hallway.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-19	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-20	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-21	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-22	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-23	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-24	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-25	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-26	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-27	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-28	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-29	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-30	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-31	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-32	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-33	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-34	6.0		PVC TMAH reclaim pipe from 330C hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-35	6.0		TMAH reclaim header from 330C Hallway.
7/27/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-36	6.0		TMAH reclaim header from 330C Hallway.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-37	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-38	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-39	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-40	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-41	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-42	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-43	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-44	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-45	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-46	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-47	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-48	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-49	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-50	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-51	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-52	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-53	6.0		TMAH reclaim pipe from 330C Hallway.
7/28/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-54	6.0		TMAH reclaim pipe from 330C Hallway.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-55	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-56	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-57	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-58	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-59	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-60	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-61	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-62	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-63	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-64	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-65	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-66	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-67	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-68	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-69	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-70	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-71	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-72	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-73	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-74	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-75	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-76	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-77	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-78	6.0		TMAH reclaim pipe from over offices along 330C Hallway.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-79	6.0		TMAH reclaim pipe from over offices along 330C Hallway.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-80	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-81	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-82	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-83	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/29/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-84	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-85	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-86	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-87	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-88	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-89	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-90	6.5		TMAH reclaim pipe from over offices along 330C Hallway.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-91	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-92	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-93	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-94	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-95	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-96	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-97	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-98	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-99	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-100	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-101	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-102	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-103	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-104	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-105	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-106	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-107	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-108	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/30/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-109	6.5		TMAH reclaim pipe from 330C Hallway outside of Area 14.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-110	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-111	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-112	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-113	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-114	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-115	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-116	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-117	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-118	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-119	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-120	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-121	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-122	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-123	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-124	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-125	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-126	6.5		TMAH reclaim pipe from over offices along 330C Hallway.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-127	6.5		TMAH reclaim pipe from over offices along 330C Hallway.
7/31/2015	330C	Hallway	B/330-TMAH	330C-B/330-TMAH-128	6.5		TMAH reclaim header from 330C Hallway.
8/6/2015	330C	25	B/330-TMAH	330C-B/330-TMAH-129	6.0		Cut end of TMAH reclaim pipe above the ceiling in Area 25 near AA31 after low pressure air purging, prior to capping (approximately 120 ft. of piping will remain abandoned-in-place above the ceiling over an occupied active lab and adjacent hallways in 330C, between columns AA26 and AA31)
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-130	6.0		Stainless steel THAH reclaim pipe above ceiling in Area 9.
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-131	6.0		Stainless steel THAH reclaim pipe above ceiling in Area 9.
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-132	6.0		Stainless steel THAH reclaim pipe above ceiling in Area 9.
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-133	6.0		Stainless steel THAH reclaim pipe above ceiling in Area 9.
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-134	6.0		Stainless steel THAH reclaim pipe above ceiling in Area 9.
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-135	6.0		Stainless steel THAH reclaim pipe above ceiling in Area 9.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 14B
Building 330C SWMU Piping Above Ceiling
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

8/14/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-136	6.0		Cut end of TMAH reclaim pipe above the ceiling in Area 9 near AA26 after low pressure air purging, prior to capping (approximately 120 ft. of piping will remain abandoned-in-place above the ceiling over an occupied active lab and adjacent hallways in 330C, between columns AA26 and AA31)
8/13/2015	330C	9	B/330-TMAH	330C-B/330-TMAH-137	6.0		Cut end of TMAH reclaim pipe above the ceiling in Area 9 near AA26 after low pressure air purging, prior to capping (approximately 120 ft. of piping will remain abandoned-in-place above the ceiling over an occupied active lab and adjacent hallways in 330C, between columns AA26 and AA31)

Total Number of Samples 137 Maximum pH 6.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 16
Building 338 Area 15.3
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/23/2015	338	15.3	287	287-1	6.0		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-2	6.0		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-3	6.0		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-4	6.0		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-5	6.0		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-6	6.0		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-7	5.5		Inside bottom of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-8	5.5		Inside bottom of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-9	5.5		Inside bottom of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-10	5.5		Inside bottom of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 16
Building 338 Area 15.3
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/23/2015	338	15.3	287	287-11	5.5		Inside bottom of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	287	287-12	5.5		Inside bottom of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 287, CS287, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	286	286-1	5.5		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	286	286-2	5.5		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	286	286-3	5.5		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	286	286-4	5.5		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3)
7/23/2015	338	15.3	286	286-5	5.5		Inside sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3)
7/27/2015	338	15.3	286	286-6	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-7	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 16
Building 338 Area 15.3
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/27/2015	338	15.3	286	286-8	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-9	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-10	5.5		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-11	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-12	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-13	5.5		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 16
Building 338 Area 15.3
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/27/2015	338	15.3	286	286-14	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-15	5.5		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-16	5.5		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-17	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-18	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 16
Building 338 Area 15.3
SWMU Component Verification Data
SWMU Tanks
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/27/2015	338	15.3	286	286-19	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-20	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-21	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-22	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.
7/27/2015	338	15.3	286	286-23	5.0		2nd sample collected from Inside bottom sidewall of 5,000 gal. steel Pfeiffer V Water Tank SWMU# 286, CS286, enclosed in 338 outbuilding (Area 15.3). First sample failed with pH 4.0. Tank was re-cleaned and re-sampled.

Total Number of Samples 35 Maximum pH 6.0 Minimum pH 5.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 17
Building 339 Area 17
SWMU Component Verification Data
SWMU Tank
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/28/2015	339	17	7	3503	3513-1	7.0		Inside side wall sample collected post-decontamination and pre-demolition by Techtron and verified by ARCADIS for Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/28/2015	339	17	7	3503	3513-2	7.0		Inside bottom sample collected post-decontamination and pre-demolition by Techtron and verified by ARCADIS for Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-3	6.5		Inside pipe that came off top of Tank #3513 (orginal SWMU# 3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-4	6.5		Inside pipe that came off top of Tank# 3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-5	6.5		Inside pipe that came off top of Tank# 3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-6	6.5		Inside pipe that came off top of Tank# 3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 17
Building 339 Area 17
SWMU Component Verification Data
SWMU Tank
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/30/2015	339	17	7	3503	3513-7	6.5		Inside pipe that came off top of Tank #3513 (orginal SWMU# 3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-8	6.5		Inside pipe that came off top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-9	6.0		Inside of top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-10	6.0		Inside demolished top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-11	6.0		Inside demolished top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-12	6.0		Inside of top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 17
Building 339 Area 17
SWMU Component Verification Data
SWMU Tank
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/30/2015	339	17	7	3503	3513-13	6.0		Inside cut pipes on top of SWMU# 3513 (orginal SWMU# 3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-14	6.0		Inside cut pipes on top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-15	6.0		Inside cut pipes on top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-16	6.0		Inside cut pipes on top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-17	6.0		Inside cut pipes on top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-18	6.5		Inside cut pipes on top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-19	6.0		Inside cut pipes on top of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 17
Building 339 Area 17
SWMU Component Verification Data
SWMU Tank
MLC Packaging EOL ARO Project

Date	Building	Area	Demo Item ID #	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/30/2015	339	17	7	3503	3513-20	6.0		Inside demolished bottom of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-21	6.0		Inside demolished bottom of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-22	6.0		Inside demolished bottom of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.
7/30/2015	339	17	7	3503	3513-23	6.0		Inside demolished bottom of Tank #3513 (orginal SWMU #3503), 125,000 gal. Waste Equalization Tank T1000B TMAH Wastewater.

Total Number of Samples 23 Maximum pH 7.0 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 18B
Building 330C Area 31
SWMU Component Verification Data
Waste TMAH Transfer System
MLC Packaging EOL ARO Project

7/31/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-1	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-2	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-3	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-4	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-5	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-6	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-7	6.5		Stainless steel TMAH reclaim pipe below ceiling In Area 31.
7/27/2015	330C	31	B/330-TMAH	31-B/330-TMAH-8	6.0		Stainless steel TMAH reclaim pipe below ceiling In Area 31.

Total Number of Samples 8 Maximum pH 6.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 19
Building 330C Area 21
SWMU Component Verification Data
Industrial Waste Lift Station at D-31
MLC Packaging EOL ARO Project

11/6/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-1	6.5		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-2	6.5		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-3	7.5		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-4	6.5		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-5	6.5		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-6	7.0		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-7	6.5		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-8	7.0		Exposed end of demolished PVC pipe below ceiling in Area 21 at Column D-31.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-9	6.0		2nd sample collected from trench bottom in Area 21 at Column D-31. First sample failed with pH >9.0 (between 11-12 with colorpHast pH test) before and after trench was shoveled out and rinsed with water. A neutralizer was used by Techtron re-clean the trench, prior to being re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 19
Building 330C Area 21
SWMU Component Verification Data
Industrial Waste Lift Station at D-31
MLC Packaging EOL ARO Project

11/6/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-10	6.0		2nd sample collected from trench bottom in Area 21 at Column D-31. First sample failed with pH >9.0 (between 11-12 with colorpHast pH test) before and after trench was shoveled out and rinsed with water. A neutralizer was used by Techtron re-clean the trench, prior to being re-sampled.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-11	6.5		Decontaminated trench bottom at Column D-31 following final cleaning with neutralizer.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-12	6.0		Decontaminated trench bottom at Column D-31 following final cleaning with neutralizer.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-13	6.5		Decontaminated trench bottom at Column D-31 following final cleaning with neutralizer.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-14	6.0		Decontaminated trench bottom at Column D-31 following final cleaning with neutralizer.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-15	6.5		Decontaminated trench sidewall at Column D-31 following final cleaning with neutralizer.
10/28/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-16	6.5		Decontaminated trench sidewall at Column D-31 following final cleaning with neutralizer.
11/5/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-17	6.0		2nd sample collected from inside bottom of acid lift tank in Area 21 at Column D-31. Initial sample failed with pH >9.0 before decontamination. Tank was removed and decontaminated by Techtron, prior to being re-sampled.

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)

Table 19
Building 330C Area 21
SWMU Component Verification Data
Industrial Waste Lift Station at D-31
MLC Packaging EOL ARO Project

11/6/2015

Date	Building	Area	SWMU ID#	Sample #	Hydrion [1] (pH Test)	colorpHast[2] (pH Test)	Description
11/5/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-18	6.0		2nd sample collected from inside sidewall of acid lift tank in Area 21 at Column D-31. Initial sample failed with pH >9.0 before decontamination. Tank was removed and decontaminated by Techtron, prior to being re-sampled.
11/5/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-19	6.0		2nd sample collected from inside exposed end of connecting pipe stub for D-31 lift station. First sample failed with pH >9.0. Tank and piping were decontaminated by Techtron, prior to being re-sampled. .
11/5/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-20	6.0		Inside exposed end of decontaminated connecting pipe stub for D-31 lift station.
11/5/2015	330C	21	B/330C LS IW	B/330C LS IW-D-31-21	6.0		Inside exposed end of decontaminated connecting pipe stub for D-31 lift station.

Total Number of Samples 21 Maximum pH 7.5 Minimum pH 6.0

Notes:
1 - HYDRION pH test strips with range from 5.0 to 9.0
2 - colorpHast pH test strips with range from 0 to 14 (same used by Stryker DES)